

# Department of the Army Fiscal Year (FY) 2011 Budget Estimate OVERSEAS CONTINGENCY OPERATIONS REQUEST

**Military Construction, Army** 

Volume 2 of 3

**Justification Data Submitted to Congress February 2010** 

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# DEPARTMENT OF DEFENSE

### MILITARY CONSTRUCTION

Military Construction, Army

For an additional amount for "Military Construction, Army", \$929,996,000 to remain available until September 30, 2015.

This request would provide \$929,996,000 to fund various military construction projects to support Operation Enduring Freedom. The requested funds will provide troop housing, force protection measures, airfield facilities, operational facilities, support facilities, and fuel handling systems in Afghanistan.

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# DEPARTMENT OF THE ARMY FY 2011 MCA Overseas Contingency Operations Budget Request Narrative Justification

### <u>Category – Military Construction</u>

### <u>FY11</u> \$929,996,000

**MILCON** 

**1.** <u>Introduction.</u> This request includes various military construction projects that fulfill Operation Enduring Freedom (OEF) theater infrastructure requirements.

### 2. MILCON

This request supports the National Strategy for the Overseas Contingency Operations Theater Strategy military objectives. The requested funds support deployed war fighters by providing airfields, operational and supply facilities, troop housing, and infrastructure to ensure safe and efficient military operations. These projects fulfill the Department's immediate mission needs and urgent infrastructure requirements in support of ongoing operations in Afghanistan. These projects are critical in providing for the life, health, and safety of the Soldiers prosecuting OEF.

There are forty-eight projects in Afghanistan supporting OEF. Six projects support airfield operations, and improvements of those sites and their operations. Eight projects provide utility and infrastructure capabilities, including improved roadways in one project, to provide for improved services, and increasing populations. Two projects to assure adequate fuel distribution, storage and supply are available even during times of emergency. One waste management project supports force health protection and reduces environmental impacts. One road project improves the surface of an existing supply route, enhancing safety. Ten troop housing and three dining facility projects enhance quality of life for deployed Soldiers. The seventeen remaining projects construct medical facilities, operational and support facilities and provide force protection measures and other construction requirements.

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### FY 2011 Overseas Contingency Operations Military Construction, Army (\$ in thousands)

| Project Name                                  | <u>Location</u>          | <u>Project</u><br><u>Number</u>         | FY 2011<br>Request  | Page No.   |
|---|--------------------------|---|---------------------|------------|
| Afghanistan                                   |                          |   |                     |            |
| Rotary Wing Parking                           | Airborne                 | 73802                                   | \$1,200             | 23         |
| Troop Housing, PH 4                           | Bagram                   | 72606                                   | \$23,000            | 27         |
| Troop Housing, PH 5                           | Bagram                   | 74090                                   | \$29,000            | 31         |
| Command & Control Facility                    | Bagram                   | 74104                                   | \$13,600            | 35         |
| Troop Housing, PH 6                           | Bagram                   | 74155                                   | \$29,000            | 39         |
| Troop Housing, PH 7                           | Bagram                   | 74157                                   | \$29,000            | 43         |
| Troop Housing, PH 8                           | Bagram                   | 74158                                   | \$29,000            | 47         |
| Dining Facility                               | Bagram                   | 74925                                   | \$2,650             | 51         |
| Task Force Freedom Compound                   | Bagram                   | 75509                                   | \$18,000            | 55         |
| Tanker Truck Off-Load Facility                | Bagram                   | 77067                                   | \$5,700             | 59         |
| MP HQ   | Bagram                   | 77066                                   | \$2,800             | 63         |
| Role III Hospital                             | Bagram                   | 77055                                   | \$35,000            | 67         |
| Vet Clinic and Kennel                         | Bagram                   | 77056                                   | \$2,600             | 71         |
| Replace Temporary Guard Towers                | Bagram                   | 77054                                   | \$5,500             | 75         |
| DFIP Detainee Housing                         | Bagram                   | 77053                                   | \$23,000            | 79         |
| Dining Facility                               | Dwyer                    | 75199                                   | \$6,000             | 83         |
| Wastewater Treatment Facility                 | Dwyer                    | 75200                                   | \$16,000            | 87         |
| Command & Control Facility                    | Dwyer                    | 75202                                   | \$5,200             | 91         |
| Rotary Wing Apron                             | Dwyer                    | 75203                                   | \$44,000            | 95         |
| Wastewater Treatment Facility                 | Frontenac                | 75213                                   | \$4,200             | 99         |
| Waste Management Complex                      | Frontenac                | 75219                                   | \$4,200             | 103        |
| Rotary Wing Parking                           | Jalalabad                | 73801                                   | \$1,100             | 107        |
| C-IED Task Force Compound                     | Kabul                    | 75148                                   | \$24,000            | 111        |
| Troop Housing, PH 4                           | Kandahar                 | 74127                                   | \$20,000            | 115        |
| Troop Housing, PH 5                           | Kandahar                 | 74129                                   | \$20,000            | 119        |
| Troop Housing, PH 6                           | Kandahar                 | 74131                                   | \$20,000            | 123        |
| Troop Housing, PH 7                           | Kandahar                 | 74132                                   | \$20,000            | 127        |
| North Area Utilities, Ph 2                    | Kandahar                 | 75210                                   | \$21,000            | 131        |
| SOF Joint Operations Center                   | Kandahar                 | 77100                                   | \$6,000             | 135        |
| Wastewater Treatment Facility                 | Maywand                  | 75196                                   | \$7,000             | 139        |
| Guard Towers                                  | Shank                    | 75080                                   | \$2,400             | 143        |
| Ammunition Supply Point                       | Shank                    | 77118                                   | \$25,000            | 147        |
| Roads and Utilities, Ph 1                     | Shank                    | 77119                                   | \$8,000             | 151        |
| Expand ECP 1 and ECP 2                        | Shank                    | 77120                                   | \$16,000            | 155        |
| Bulk Materials Transfer Station               | Sharana                  | 74462                                   | \$12,400            | 159        |
| Medical Facility                              | Shindand<br>Tarin Kowt   | 75560<br>75107                          | \$7,700             | 163        |
| Medical Facility                              |                          | 75197                                   | \$5,500<br>\$24,000 | 167        |
| Rotary Wing Ramp and Taxiway PH 2             | Tarin Kowt<br>Tarin Kowt | 75198<br>75214                          | \$24,000<br>\$4,200 | 171        |
| Wastewater Treatment Facility Dining Facility | Tombstone/Bastion        | 75214<br>75204                          | \$12,800            | 175<br>179 |
| Wastewater Treatment Facility                 | Tombstone/Bastion        | 75204<br>75206                          | \$12,800            | 183        |
| Contingency Housing                           | Tombstone/Bastion        | 75207                                   | \$13,000            | 187        |
| Rotary Wing Parking                           | Tombstone/Bastion        | 75462                                   | \$35,000            | 191        |
| Route Gypsum, Ph 1                            | Various Locations        | 77121                                   | \$40,000            | 195        |
| Entry Control Point                           | Wolverine                | 75183                                   | \$5,100             | 199        |
| Perimeter Fence                               | Wolverine                | 75194                                   | \$5,100             | 203        |
| Rotary Wing Apron                             | Wolverine                | 75195                                   | \$24,000            | 207        |
| Wastewater Treatment Facility                 | Wolverine                | 75224                                   | \$13,000            | 211        |
|   | 11 011 011110            | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | Ψ12,000             |            |
| Total Afghanistan                             |                          |   | \$761,950           |            |
| Worldwide                                     |                          |   |                     |            |
| Unspecified Minor Military Construction, Army |                          | 75688                                   | \$78,330            | 215        |
| Planning & Design                             |                          | 75686                                   | \$89,716            | 217        |
|   |                          |   | •                   |            |
| Total Worldwide                               |                          |   | \$168,046           |            |
| Total Military Construction, Army             |                          |   | \$929,996           |            |

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**Component:** ARMY

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| <b>Project</b>      | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
|---------------------|-----------------|---------------|------------------|
| 73802               | Airborne        |               | Airfield         |
| Rotary Wing Parking | Afghanistan     | 1,200         | Operations       |

### **Impact if not Provided:**

If this project is not provided, capacity for sustained operating capability at Airborne will be jeopardized. Aircraft reliability and in-service rates will drop due to severe environmental conditions and increased maintenance requirements. Risk of damage to valuable aviation assets will increase, resulting in degraded combat effectiveness.

### **Justification**:

Airborne is essential to the success of US operations in Regional Command East (RC-E), Afghanistan. Airborne must have the capability to operate rotary wing aircraft. Adequate rotary wing facilities are thus required to sustain safe launch and recovery of four helicopters (CH-47 and UH-60).

| <b>Project</b>      |                   |               |                  |
|---------------------|-------------------|---------------|------------------|
|                     | <u>Location</u> - | <b>Amount</b> | <u>Category*</u> |
| 72606               | Bagram            |               |                  |
| Troop Housing, PH 4 | Afghanistan       | 23,000        | Billeting        |

### **Impact if not Provided:**

The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these structures will have to be replaced on a case-by-case basis.

### **Justification:**

Construction of housing facilities is needed to replace expeditionary facilities that have exceeded their life-span, are substandard housing, do not provide adequate protection from harsh weather conditions, are unsafe and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost effective solution.

| <u>Project</u>      |                 | (\$000)       |                  |
|---------------------|-----------------|---------------|------------------|
|                     | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 74090               | Bagram          |               |                  |
| Troop Housing, PH 5 | Afghanistan     | 29,000        | Billeting        |

### **Impact if not Provided:**

The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these structures will have to be replaced on a case-by-case basis.

### Justification:

Construction of housing facilities is needed to replace expeditionary facilities that have exceeded their life-span, are substandard, do not provide adequate protection from harsh weather conditions, and are unsafe and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost effective solution.

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| <b>Project</b>             | <b>Location</b> | <b>Amount</b> | Category*   |
|----------------------------|-----------------|---------------|-------------|
| 74104                      | Bagram          |               |             |
| Command & Control Facility | Afghanistan     | 13,600        | Operational |

### **Impact if not Provided:**

The Combined Joint Special Operations Air Detachment (CJSOAD) will not have an adequate facility to support their operations throughout Southwest Asia. A facility to house these functions is required for this crucial component of Contingency Overseas Operations.

### **Justification:**

A Command and Control facility is required to support CJSOAD operations throughout the Southwest Asia (SWA) area of operations. The facility will house a command section, supporting staff, operational squadrons and related logistical support. This facility will enable CJSOAD joint staff functions to plan and support SOF operations.

|                     |                 | (\$000)       |                  |  |
|---------------------|-----------------|---------------|------------------|--|
| <b>Project</b>      | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |  |
| 74155               | Bagram          |               |                  |  |
| Troop Housing, PH 6 | Afghanistan     | 29,000        | Billeting        |  |

### **Impact if not Provided:**

The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these structures will have to be replaced on a case-by-case basis.

### Justification:

Construction of housing facilities is needed to replace expeditionary facilities that have exceeded their life-span, are substandard, do not provide adequate protection from harsh weather conditions, and are unsafe and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost effective solution.

|                     |                 | (\$000)       | <b>)00</b> )     |  |
|---------------------|-----------------|---------------|------------------|--|
| <u>Project</u>      | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |  |
| 74157               | Bagram          |               |                  |  |
| Troop Housing, PH 7 | Afghanistan     | 29,000        | Billeting        |  |

### **Impact if not Provided:**

The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these structures will have to be replaced on a case-by-case basis.

### Justification:

Construction of housing facilities is needed to replace expeditionary facilities that have exceeded their life-span, are substandard, do not provide adequate protection from harsh weather conditions, and are unsafe and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost effective solution.

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| <b>Project</b>      | <b>Location</b> | Amount | <u>Category*</u> |
|---------------------|-----------------|--------|------------------|
| 74158               | Bagram          |        |                  |
| Troop Housing, PH 8 | Afghanistan     | 29,000 | Billeting        |

### **Impact if not Provided:**

The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these structures will have to be replaced on a case-by-case basis.

### **Justification:**

Construction of housing facilities is needed to replace expeditionary facilities that have exceeded their life-span, are substandard, do not provide adequate protection from harsh weather conditions, and are unsafe and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost effective solution.

|                 |                 | (\$000)       |                  |
|-----------------|-----------------|---------------|------------------|
| <b>Project</b>  | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 74925           | Bagram          |               | Support          |
| Dining Facility | Afghanistan     | 2,650         | Facilities       |

### **Impact if not Provided:**

If this project is not funded, personnel will not have an adequate dining facility capacity to provide meals for 1000 personnel, maintain higher standards of sanitary cooking, and food preparation. Without a place to properly cook, serve and partake in meals, personnel are subject to unnecessary health risks; this will significantly degrade their capabilities resulting in decreased operating capacity.

### Justifications

The US Forces population on Bagram Air Base will increase through the end of FY 2010. This installation does not have adequate dining facilities to support this surge in population.

|                             |                 | (\$000)       |                  |
|-----------------------------|-----------------|---------------|------------------|
| <u>Project</u>              | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 75509                       | Bagram          |               |                  |
| Task Force Freedom Compound | Afghanistan     | 18,000        | Operational      |

### **Impact if not Provided:**

Task Force Freedom will continue to be split amongst various facilities throughout Bagram Air Base, making command and control difficult and reducing mission effectiveness.

### Justification:

Construction of facilities is required to consolidate all signal assets and operations on Bagram. The facilities support the 7th Tactical Theater Signal Battalion (TTSB), 25th Signal Battalion, and 57th Expeditionary Signal Battalion. The mission of the 7th TTSB is to support the entire Combined/Joint Operations Area with unified network management functions for all command & control services in support of US FORCES-Afghanistan.

(\$000)

| <u>Project</u>                 | <b>Location</b> | <u>Amount</u> | <u>Category*</u> |
|--------------------------------|-----------------|---------------|------------------|
| 77067                          | Bagram          |               | Fuel Handling    |
| Tanker Truck Off-Load Facility | Afghanistan     | 5,700         | and Storage      |

### **Impact if not Provided:**

Bagram personnel and assets will continue to be exposed to threats caused by fuel trucks entering the base. The increased mission requirement will cause a critical strain on already limited fuel dispensing and storage resources.

### **Justification:**

Relocated missions from other installations have increased the fuel handling requirement from 4.5 to 5.7 million gallons of fuel per month. This facility will eliminate the need for up to 40 trucks having to enter the installation on a daily basis. The current system can support only support uploading or downloading fuel at any given time, and is not working efficiently enough to keep up with requirements.

|                              |                 | (\$000)       | (\$000)          |  |
|------------------------------|-----------------|---------------|------------------|--|
| <b>Project</b>               | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |  |
| 77066                        | Bagram          |               |                  |  |
| Military Police Headquarters | Afghanistan     | 2,800         | Operational      |  |

### **Impact if not Provided:**

Command and control functions for military police operations will be conducted from make-shift, temporary facilities that are inadequate to meet the operational, security and force protection needs of the command. Command direction over daily operations for all US Military Police Forces in Afghanistan will be impaired.

### Justification:

The current facilities are not adequate to support the Military Police Headquarters in exercising their direction over daily operations for all US Military Police Forces. A Command and Control Facility is required to consolidate command and staff operations.

|                   |                 | (\$000)       |                  |
|-------------------|-----------------|---------------|------------------|
| <u>Project</u>    | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 77055             | Bagram          |               |                  |
| Role III Hospital | Afghanistan     | 35,000        | Medical          |

### **Impact if not Provided:**

The current hospital will continue to deteriorate and it's capability to provide healthcare and emergency services will be degraded. Providers and patients will to be exposed to deteriorating sanitary conditions, risk of fire due to substandard wiring, unreliable water and mechanical systems and safety concerns due to deficient fire alarm and suppression systems.

### **Justification:**

The current facilities are not adequate to support the mission; an increase in capacity of at least 10 beds is required to meet operational demands. The cost to correct the deficiencies in the current facility and add capacity exceeds the estimated costs to construct a new facility that meets requirements and provides additional protection (hardened roof).

| (\$000) |  |
|---------|--|
|         |  |

| <b>Project</b>        | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
|-----------------------|-----------------|---------------|------------------|
| 77056                 | Bagram          |               | Support          |
| Vet Clinic and Kennel | Afghanistan     | 2,600         | Facilities       |

### **Impact if not Provided:**

Without this veterinarian clinic, there will be no facilities to provide lifesaving or preventative medicine procedures for military working dogs, degrading US resources and resulting in a decreased operating capacity.

### Justification:

This facility would provide medical care to over 100 military working dogs. These trained detectors represent millions of dollars of resources and provide lifesaving support to US Forces conducting operations in theater.

| (\$000) |  | (\$000) |
|---------|--|---------|
|---------|--|---------|

| <u>Project</u>                 | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
|--------------------------------|-----------------|---------------|------------------|
| 77054                          | Bagram          |               | Force            |
| Replace Temporary Guard Towers | Afghanistan     | 5,500         | Protection       |

### **Impact if not Provided:**

If not provided, troops and facilities will be vulnerable to increased threat levels, and required base expansion will be limited.

### Justification:

The current facilities provide little protection from direct or indirect fire and personnel are exposed while ascending or descending the tower stairways.

|                       |                 | (\$000)       |                  |
|-----------------------|-----------------|---------------|------------------|
| <b>Project</b>        | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 77053                 | Bagram          |               | Support          |
| DFIP Detainee Housing | Afghanistan     | 23,000        | Facilities       |

### **Impact if not Provided:**

US Forces will not have the facilities to house detainees in accordance with internationally accepted standards. Improper housing, treatment, and care of detainees will reflect poorly on the US and the Government of the Islamic republic of Afghanistan with potential impacts to operations and mission accomplishment.

### Justification:

The current facilities can house 1,448 detainees, with the increase of US Forces and operations; the number of detainees is expected to increase.

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| <b>Project</b>  | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
|-----------------|-----------------|---------------|------------------|
| 75199           | Dwyer           |               | Support          |
| Dining Facility | Afghanistan     | 6,000         | Facilities       |

### **Impact if not Provided:**

If this project is not funded, US Forces will not have an adequate dining facility to provide meals to over 2000 personnel, maintain high standards of sanitary cooking, and food preparation area. Without a place to properly cook, serve and partake in meals, US Forces stationed at Dwyer are subjected to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

### **Justification:**

The US Forces population on Dwyer will increase through the end of FY 2010. Dwyer does not have adequate dining facilities to support the total population of 5,000 personnel. An FY10 OCO project, PN 73134, will provide a dining facility for 3,000 personnel. This FY11 project satisfies the remaining requirement and will eliminate use of expeditionary dining facilities.

| <b>Project</b>                |                 | (\$000)       |                  |  |
|-------------------------------|-----------------|---------------|------------------|--|
|                               | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |  |
| 75200                         | Dwyer           |               |                  |  |
| Wastewater Treatment Facility | Afghanistan     | 16,000        | Utilities        |  |

### **Impact if not Provided:**

Without a self-sufficient waste water treatment plant at Dwyer, contracted sewage trucks will continue to collect and dispose of raw sewage. If this project is not funded, we will continue paying high contractor costs for collection and disposal, and risk of potential environmental contamination and cleanup costs.

### <u>Justification:</u>

This project is needed to replace the current wastewater treatment system of septic tanks and leach fields. This system poses a serious health risk and future environmental cleanup costs are significantly higher than providing the proposed wastewater treatment system. This system must be able to process 350,000 Gal daily to support 5,000 personnel.

| <b>Project</b>             |                 | (\$000)       |                  |
|----------------------------|-----------------|---------------|------------------|
|                            | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 75202                      | Dwyer           |               |                  |
| Command & Control Facility | Afghanistan     | 5,200         | Operational      |

### **Impact if not Provided:**

If this project is not provided, US Forces will continue to operate in facilities split between Kandahar and expeditionary facilities on Dwyer, impacting command and control. Without a facility to consolidate personnel and conduct missions, provide command &control of aircraft and ground forces, US capabilities will be significantly degraded, resulting in decreased operating capacity.

### **Justification:**

US Forces require a command and control facility to exercise tactical command & control over key military operations throughout Regional Command-South, Afghanistan. This facility must accommodate staff offices for the brigade command structure and for other functions such as logistics, maintenance, and personnel and aviation operations.

(\$000)

| <b>Project</b>    | <b>Location</b> | <u>Amount</u> | <u>Category*</u> |
|-------------------|-----------------|---------------|------------------|
| 75203             | Dwyer           |               | Airfield         |
| Rotary Wing Apron | Afghanistan     | 44,000        | Operations       |

### **Impact if not Provided:**

If this project is not provided, capacity for sustained US rotary wing operations at Dwyer will be jeopardized. Twenty eight (28) helicopters will continue to park and operate on expeditionary surfaces, increasing maintenance requirements. Risk of damage to aircraft and injury to personnel will increase, resulting in degraded combat effectiveness.

### **Justification:**

Dwyer is essential to the success of US operations in Regional Command South, Afghanistan. Dwyer must have the capability to project multiple types of rotary-wing aircraft. Adequate facilities are required to sustain safe launch and recovery of helicopters. The FY09 MILCON project at Dwyer, Rotary Wing Parking and Taxiways, will provide parking for 12-15 aircraft. An additional requirement of 28 helicopters is planned for Dwyer. This additional parking and taxiway construction is required to accommodate these helicopters and support the aviation mission.

| <b>Project</b>                |                 | (\$000)       | (\$000)          |  |
|-------------------------------|-----------------|---------------|------------------|--|
|                               | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |  |
| 75213                         | Frontenac       |               |                  |  |
| Wastewater Treatment Facility | Afghanistan     | 4,200         | Utilities        |  |

### **Impact if not Provided:**

Without a self-sufficient waste water treatment facility at Frontenac, contracted sewage trucks will continue to collect and dispose of raw sewage. If this project is not funded, we will continue paying high contractor costs for collection and disposal, and risk of potential environmental contamination and cleanup costs.

### Justification:

This project is needed to replace the current wastewater treatment system of drying beds and leach fields. This system poses a serious health risk and future environmental cleanup costs are significantly higher than providing the proposed wastewater treatment facility. This system must be able to process wastewater to support 1,200 personnel.

| <b>Project</b>           |                 | (\$000)       |                  |  |
|--------------------------|-----------------|---------------|------------------|--|
|                          | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |  |
| 75219                    | Frontenac       |               | Support          |  |
| Waste Management Complex | Afghanistan     | 4,200         | Facilities       |  |

### **Impact if not Provided:**

Without this project, Frontenac will be forced to operate without the facilities required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.

### **Justification:**

Frontenac is a Battalion-sized location that will require efficient infrastructure to support its operations in Regional Command-South (RC-S). A comprehensive waste management area is required to meet environmental requirements at Frontenac. There are several projects planned, including housing and dining facility that will produce significant amounts of solid waste. This facility will ensure proper stewardship of Afghanistan's environment.

(\$000)

| <b>Project</b>      | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
|---------------------|-----------------|---------------|------------------|
| 73801               | Jalalabad       |               | Airfield         |
| Rotary Wing Parking | Afghanistan     | 1,100         | Operational      |

### **Impact if not Provided:**

If this project is not provided, adequate parking will not be available. Parking on dirt pads will continue, increasing risk of damage to aircraft and injury to personnel.

### **Justification:**

Jalalabad Airfield is essential to the US operations in Regional Command-East, Afghanistan. These facilities will provide safe parking and operation of CH-47 and UH-60 rotary wing aircraft. Three (3) parking spaces are to be located immediately north of the existing CH-47 aprons at Bravo Ramp.

| <b>Project</b>            | (\$000)         |               |                  |
|---------------------------|-----------------|---------------|------------------|
|                           | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 75148                     | Kabul           |               |                  |
| C-IED Task Force Compound | Afghanistan     | 24,000        | Operational      |

### **Impact if not Provided:**

The Counter Improvised Explosive Device (C-IED) Task Force will be continue to be split amongst various facilities on Bagram Air Field, leading to command and control difficulties and reduced effectiveness in their mission.

### **Justification:**

The current facilities are not adequate to support the C-IED Task Force and their growing role and importance in Operation Enduring Freedom. A Command and Control Facility is required to consolidate their personnel into one location on Kabul and provide administrative support, consolidated operations and laboratory facilities.

| <b>Project</b>      | (\$000)         |               |                  |
|---------------------|-----------------|---------------|------------------|
|                     | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 74127               | Kandahar        |               |                  |
| Troop Housing, Ph 4 | Afghanistan     | 20,000        | Billeting        |

### **Impact if not Provided:**

The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these structures will have to be replaced on a case-by-case basis.

### **Justification:**

Construction of housing facilities is needed to replace expeditionary facilities that have exceeded their life-span, are substandard, do not provide adequate protection from harsh weather conditions, and are unsafe and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost effective solution.

(\$000)

ProjectLocationAmountCategory\*74129KandaharTroop Housing, Ph 5Afghanistan20,000Billeting

### **Impact if not Provided:**

The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these structures will have to be replaced on a case-by-case.

### Justification:

Construction of housing facilities is needed to replace expeditionary facilities that have exceeded their life-span, are substandard, do not provide adequate protection from harsh weather conditions, and are unsafe and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost effective solution.

| <u>Project</u>      | (\$000)         |               |                  |
|---------------------|-----------------|---------------|------------------|
|                     | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 74131               | Kandahar        |               |                  |
| Troop Housing, Ph 6 | Afghanistan     | 20,000        | Billeting        |

### **Impact if not Provided:**

The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these structures will have to be replaced on a case-by-case basis.

### **Justification:**

Construction of housing facilities is needed to replace expeditionary facilities that have exceeded their life-span, are substandard, do not provide adequate protection from harsh weather conditions, and are unsafe and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost effective solution.

| <b>Project</b>      |                 | (\$000)       |           |  |
|---------------------|-----------------|---------------|-----------|--|
|                     | <b>Location</b> | <b>Amount</b> | Category* |  |
| 74132               | Kandahar        |               |           |  |
| Troop Housing, Ph 7 | Afghanistan     | 20,000        | Billeting |  |

### **Impact if not Provided:**

The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these structures will have to be replaced on a case-by-case basis.

### Justification:

Construction of housing facilities is needed to replace expeditionary facilities that have exceeded their life-span, are substandard, do not provide adequate protection from harsh weather conditions, and are unsafe and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost effective solution.

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| <b>Project</b>             | <b>Location</b> | <b>Amount</b> | Category* |
|----------------------------|-----------------|---------------|-----------|
| 75210                      | Kandahar        |               |           |
| North Area Utilities, Ph 2 | Afghanistan     | 21,000        | Utilities |

### **Impact if not Provided:**

If this project is not funded, Kandahar will not have the capability to support facilities and additional US Forces on the North side of the installation. US Forces will be subject to unnecessary health risks from lack of sanitary wastewater treatment facility and airborne contamination from numerous spot generators. Without this project to support facilities, the ability to support increased requirement and operate as a logistics hub will be negatively impacted. Stand-alone systems (point generation, water tanks, and truck collection) will be required, which are inefficient and can create operational delays.

### **Justification:**

Kandahar Airfield is expanding to become a hub for strategic logistics, air power, and command & control for Regional Command-South. Kandahar provides continual and critical support to the outlying installation across the Region. Utilities infrastructure is required to support the current and projected water, wastewater, and power loads, and in support of the expansion of Kandahar.

| <b>Project</b>              |                 |               |                  |
|-----------------------------|-----------------|---------------|------------------|
|                             | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 77100                       | Kandahar        |               |                  |
| SOF Joint Operations Center | Afghanistan     | 6,000         | Operational      |

### **Impact if not Provided:**

If this project is not funded, the Task Force's ability to conduct operations, receive and process information and ultimately achieve superiority and stability within the region will be adversely impacted.

### **Justification:**

The project is required to support the expansion of Special Operations Forces and the stationing of a SOF Task Force at Kandahar. Current facilities at Kandahar are insufficient to house the increased command and staff elements that will operate from Kandahar.

| <b>Project</b>                |                 | (\$000)       |                  |
|-------------------------------|-----------------|---------------|------------------|
|                               | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 75196                         | Maywand         |               |                  |
| Wastewater Treatment Facility | Afghanistan     | 7,000         | Utilities        |

### **Impact if not Provided:**

Without a self-sufficient waste water treatment facility at Maywand, contracted sewage trucks will continue to collect and dispose of raw sewage. If this project is not funded, we will continue paying high contractor costs for collection and disposal, and risk of potential environmental contamination and cleanup costs.

### **Justification:**

This project is needed to replace the current wastewater treatment system of drying beds and leach fields. This system poses a serious health risk and future environmental cleanup costs are significantly higher than providing the proposed wastewater treatment facility. This system must be able to process 140,000 Gal daily in support of 2,000 personnel.

(\$000)

| <u>Project</u> | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
|----------------|-----------------|---------------|------------------|
| 75080          | Shank           |               | Force            |
| Guard Towers   | Afghanistan     | 2,400         | Protection       |

### **Impact if not Provided:**

Without this project, the force protection of personnel, facilities, and aviation assets will be less effective. Lack of guard towers around the expansion perimeter will continue to limit advance warning of enemy encroachment onto the installation. The risk of sabotage to US forces and equipment at Shank will continue to be unacceptably high.

### Justification:

Shank is crucial to successful combat and combat support operations related to Operation Enduring Freedom in Afghanistan. Shank has recently expanded to over 1,800 acres to support US aviation operations. Aviation and life support facilities are under construction and additional ones have been programmed. Guard towers are required along the perimeter of Shank in order to ensure force protection for equipment, facilities, and personnel. These guard towers for the eastern expansion are required to complete the perimeter protection.

| <u>Project</u>          |                 | (\$000)       |                  |  |
|-------------------------|-----------------|---------------|------------------|--|
|                         | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |  |
| 77118                   | Shank           |               | Support          |  |
| Ammunition Supply Point | Afghanistan     | 25,000        | Facilities       |  |

### **Impact if not Provided:**

The current Ammunition Supply Point (ASP) is not able to support munitions storage for increased operational requirements in the region. This limits the commander's operations and options in supporting ground combat and places forces at risk that they may not be adequately supplied.

### **Justification:**

The Shank ASP capacity is 30% less than projected requirements and needs to be expanded and relocated. The relocation is required as existing facilities would be within the expanded safety zone required for the increased storage capacity.

| <u>Project</u>            |                 | (\$000)       |                  |  |
|---------------------------|-----------------|---------------|------------------|--|
|                           | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |  |
| 77119                     | Shank           |               | Roads/           |  |
| Roads and Utilities, Ph 1 | Afghanistan     | 8,000         | Utilities        |  |

### **Impact if not Provided:**

Without this project, operations and movement within Shank will be adversely impacted. The base will not have the utility capacity to serve increasing force population.

### Justification:

Existing roads within the base are comprised of fine dust and barely support operations and movement, and need to be improved to support large vehicles. Additional roadway and utilities are required to service the expansion of the base resulting from an increase of forces stationed at Shank.

(\$000)

ProjectLocationAmountCategory\*77120ShankForceExpand ECP 1 and ECP 2Afghanistan16,000Protection

### **Impact if not Provided:**

Without this project, operations on Shank will be at risk for significant disruption. As Shank is a major supply hub for the region, combat operations will also be at risk.

### **Justification:**

Shank is crucial to successful combat and combat support operations related to Operation Enduring Freedom. The increase of forces on Shank and operations in the region has increased the demands on the existing commercial Entry Control Point (ECP). This ECP is inadequate and a potential vulnerability for base protection. The processing of deliveries at this inadequate ECP delays delivery of materials and hinders the movement of operational resources on and off the installation.

| <u>Project</u>                  |                 |               |                  |
|---------------------------------|-----------------|---------------|------------------|
|                                 | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 74462                           | Sharana         |               | Fuel Handling    |
| Bulk Materials Transfer Station | Afghanistan     | 12,400        | and Storage      |

### **Impact if not Provided:**

If this project is not funded, US operations at Sharana will be at risk of significant disruption. Without a segregated fuel transfer facility, fuel tanker trucks from outside the installation will continue to enter the installation, posing a security threat to personnel and property. Congestion, delays, and risk of force protection breach will escalate as expansion and missions continue. Disruption of operations at Sharana will have significant negative impact on the US mission in Afghanistan.

### **Justification:**

US Forces are expanding the mission support capacity of Sharana to meet operational requirements in Regional Command-East, Afghanistan. Efficient, effective, and safe processing of fuel and material is critical to operational success. This project will provide a fuel and material transfer station with an Entry Control Point that will allow contractor trucks to load/unload without entering the installation.

|                  |                 | (\$000)       |                  |  |
|------------------|-----------------|---------------|------------------|--|
| <u>Project</u>   | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |  |
| 75560            | Shindand        |               |                  |  |
| Medical Facility | Afghanistan     | 7,700         | Medical          |  |

### **Impact if not Provided:**

Without this medical facility Shindad will be severely limited in its ability to render lifesaving and preventative medicine capabilities for those individuals stationed on installations throughout Regional Command West (RC-W). Without this facility, personnel will have to be transported to Tombstone/Bastion (nearest Role III Medical Facility) more than 300 miles away.

### **Justification:**

This project is required to provide adequate medical service to RC-W. There are currently no adequate medical facilities in this region capable of serving both U.S. and coalition forces personnel. The base capacity on Shindad is expected to exceed 3,000 personnel, with an even greater number of U.S. and coalition personnel disseminated throughout the RC-W region.

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| <b>Project</b>   | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
|------------------|-----------------|---------------|------------------|
| 75197            | Tarin Kowt      |               |                  |
| Medical Facility | Afghanistan     | 5,500         | Medical          |

### **Impact if not Provided:**

Without a medical facility, Tarin Kowt will be severely limited in their lifesaving and preventative medicine capability significantly degrading US resources resulting in decreased operating capacity.

### Justification:

Tarin Kowt is expanding to meet operational requirements in Regional Command-South, Afghanistan. Medical facilities are in expeditionary structures and are not adequate to support the number of personnel.

| Project                 |                 | (\$000)       |             |
|-------------------------|-----------------|---------------|-------------|
|                         | <b>Location</b> | <b>Amount</b> | Category*   |
| 75198                   | Tarin Kowt      |               | Airfield    |
| Rotary Wing Parking and | Afghanistan     | 24,000        | Operational |
| Taxiway, Ph2            |                 |               |             |

### **Impact if not Provided:**

If this project is not provided, capacity for sustained US rotary-wing operations at Tarin Kowt will be jeopardized. Expeditionary surfaces will continue to deteriorate. Aircraft reliability and in-service rates will drop due to severe environmental conditions and increased maintenance requirements. Risk of damage to valuable aviation assets and risk of injury to personnel will increase, resulting in degraded combat effectiveness and potential disaster.

### **Justification:**

Tarin Kowt is essential to success of US operations in Regional Command-South, Afghanistan. Tarin Kowt must have the capability to project multiple types of rotary-wing aircraft. Adequate facilities are thus required to sustain safe launch and recovery of helicopters. Rotary-Wing Parking and Taxiways, PHI (FY09) will accommodate 15 CH-47 airframes assigned to Tarin Kowt. An additional 21 helicopters (various types) are planned for Tarin Kowt. This second phase of parking and taxiway construction is required to accommodate these additional helicopters and sustain the aviation mission at Tarin Kowt.

| <b>Project</b>                | (\$000)         |               |                  |
|-------------------------------|-----------------|---------------|------------------|
|                               | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 75214                         | Tarin Kowt      |               |                  |
| Wastewater Treatment Facility | Afghanistan     | 4,200         | Utilities        |

### **Impact if not Provided:**

Without a self-sufficient waste water treatment facility at Tarin Kowt, contracted sewage trucks will continue to collect and dispose of raw sewage. If this project is not funded, we will continue paying high contractor costs for collection and disposal, and risk of potential environmental contamination and cleanup costs.

### **Justification:**

This project is needed to replace the current wastewater collection system of drying beds and leach fields. This system poses a serious health risk and future environmental cleanup costs are significantly higher than providing the proposed wastewater treatment system. This system must be able to process wastewater in support of 1,200 personnel.

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| <b>Project</b>  | <b>Location</b>   | <b>Amount</b> | Category*  |
|-----------------|-------------------|---------------|------------|
| 75204           | Tombstone/Bastion |               | Support    |
| Dining Facility | Afghanistan       | 12,800        | Facilities |

### **Impact if not Provided:**

If this project is not funded, US Forces will not have an adequate dining facility to provide meals to 6,000 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Tombstone/Bastion are subjected to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

### Justification:

The US Forces population on Tombstone/Bastion will increase through the end of FY 2010. This installation does not have adequate dining facilities to support this increased population.

|                               |                   | (\$000)       |                  |
|-------------------------------|-------------------|---------------|------------------|
| <b>Project</b>                | <b>Location</b>   | <b>Amount</b> | <u>Category*</u> |
| 75206                         | Tombstone/Bastion |               |                  |
| Wastewater Treatment Facility | Afghanistan       | 13,000        | Utilities        |

### **Impact if not Provided:**

As a result of increased volume which will exceed the systems current capacity, ponding and run off will occur, creating a breeding ground for vector-borne diseases. Effects of this untreated waste run off adversely affects our service members, and also cause health risks to the locals downstream from the base. This will reduce the command's credibility and may cause friction between the US forces and the local population.

### **Justification:**

This project is needed to replace the current wastewater collection system of fields which poses a serious health risk and environmental cleanup costs, significantly higher than providing the proposed wastewater treatment facility. This project will treat 1,453,595 L/D (384,000 gallons) of wastewater per day to support the current population.

|                     |                   | (\$000)       |                  |  |  |
|---------------------|-------------------|---------------|------------------|--|--|
| <u>Project</u>      | <b>Location</b>   | <b>Amount</b> | <u>Category*</u> |  |  |
| 75207               | Tombstone/Bastion |               |                  |  |  |
| Contingency Housing | Afghanistan       | 41,000        | Billeting        |  |  |

### **Impact if not Provided:**

If this project is not funded, US Forces will not have adequate, safe housing and be exposed to harsh weather conditions and potential enemy fire. US Forces will continue to be housed in expeditionary facilities and vulnerable to an unhealthy living environment and potential enemy fire.

### **Justification:**

US forces have a need for housing facilities at Tombstone/Bastion, to meet requirements in Regional Command-South, Afghanistan. Expeditionary housing is being used to support the increasing population until facilities can be constructed. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever is the most cost effective solution.

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| <b>Project</b>      | <b>Location</b>   | <b>Amount</b> | Category*   |
|---------------------|-------------------|---------------|-------------|
| 75462               | Tombstone/Bastion |               | Airfield    |
| Rotary Wing Parking | Afghanistan       | 35,000        | Operational |

### **Impact if not Provided:**

If this project is not funded, US Forces will not have adequate parking for rotary wing and operations. Continued parking on airfield matting (AM-2) may cause aircraft damage due to Foreign Object Debris. US Army aviation capabilities will be significantly degraded resulting in decreased operating capacity and combat effectiveness.

### Justification:

This project is to support additional 34 rotary-wing aircraft at Tombstone/Bastion. The facilities are required to provide hardstand parking for the rotary wing aircraft beyond what was planned for inFY09 OMACC PN 73290 and FY09 OCOR PN 73207. The need is currently being met with AM-2 matting as a temporary solution. AM-2 matting does not allow for proper tie-downs, grounding, and refueling of aircraft.

|                    |                   | (\$000)       |                  |
|--------------------|-------------------|---------------|------------------|
| <b>Project</b>     | <b>Location</b>   | <b>Amount</b> | <u>Category*</u> |
| 77121              | Various Locations |               |                  |
| Route Gypsum, Ph 1 | Afghanistan       | 40,000        | Roads            |

### **Impact if not Provided:**

If this project is not funded, resupply operations in the area will continue to be adversely impacted and place a heavy reliance on rotary and fixed wing aviation assets for support. Vehicles using the existing poor roadway will degrade at an unacceptably high rate.

### **Justification:**

This route is the main supply route between Tombstone/Bastion and Dwyer; as such it is a vital supply line as well as a critical maneuver avenue for Coalition Forces. The entire route is in poor condition and fall and winter weather may render the route impassable. Additionally, improving the roadway enhances force protection and safety by reducing the opportunity for emplacement of improvised explosive devices and the exposure time of forces on the roadway.

|                     |                 | (\$000)       |                  |
|---------------------|-----------------|---------------|------------------|
| <b>Project</b>      | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 75183               | Wolverine       |               | Force            |
| Entry Control Point | Afghanistan     | 5,100         | Protection       |

### **Impact if not Provided:**

If this project is not funded, US operations at Wolverine will be at risk for significant disruption. Congestion, delays, and risk of a force protection breach will escalate as expansion continues. Since Wolverine is a major operational hub of the Combined Joint Operations Area, readiness of forces and effectiveness of US operations in support of Operation Enduring Freedom (OEF) will likely degrade.

### **Justification:**

The existing Entry Control Point is undersized and cannot accommodate incoming traffic in a timely manner. Entering traffic is delayed 2-3 hours while being inspected and cleared for entry. Wolverine projects air and ground combat power in support of OEF missions in Regional Command-South, Afghanistan. Several thousand personnel and over 20 rotary-wing aircraft are expected to operate from Wolverine. This additional Entry Control Point is required to facilitate US missions and the influx of logistics support.

(\$000)

| <u>Project</u>  | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
|-----------------|-----------------|---------------|------------------|
| 75194           | Wolverine       |               | Force            |
| Perimeter Fence | Afghanistan     | 5,100         | Protection       |

### **Impact if not Provided:**

If this project is not funded, the physical security of the installation will be compromised. It will become increasingly difficult to control access to the installation and protect personnel, equipment, and facilities. Enemy forces are highly prevalent in this part of Afghanistan. Inadequate perimeter force protection will place U.S. forces at increased risk, thus degrading readiness and effectiveness of Operation Enduring Freedom operations.

### **Justification:**

A perimeter fence is required to provide basic force protection for the personnel, equipment, and facilities. Several thousand personnel and over 20 rotary-wing aircraft are expected to operate from Wolverine.

|                   |                 | (\$000)       |                  |
|-------------------|-----------------|---------------|------------------|
| <b>Project</b>    | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 75195             | Wolverine       |               | Airfield         |
| Rotary Wing Apron | Afghanistan     | 24,000        | Operational      |

### **Impact if not Provided:**

If this project is not provided, the US rotary wing aviation mission at Wolverine will continue to operate from expeditionary surfaces. Risk of damage to valuable aviation assets will increase, resulting in degraded combat effectiveness.

### **Justification:**

Wolverine projects air and ground combat power in support of Operation Enduring Freedom missions in Regional Command-South. Over 20 rotary wing aircraft are expected to operate from Wolverine. In order to support operations, there is a requirement for rotary wing apron, and supporting facilities for the aviation mission at Wolverine.

|                               |                 | (\$000)       |                  |
|-------------------------------|-----------------|---------------|------------------|
| <b>Project</b>                | <b>Location</b> | <b>Amount</b> | <u>Category*</u> |
| 75224                         | Wolverine       |               |                  |
| Wastewater Treatment Facility | Afghanistan     | 13,000        | Utilities        |

### **Impact if not Provided:**

As a result of increased volume which will exceed the systems current capacity, ponding and run off will occur, creating a breeding ground for vector-borne diseases. Effects of this untreated waste run off not only adversely affects our service members, but also cause health risks to the locals downstream from the installation. This will reduce the command's credibility and may cause friction between the US forces and the local population.

### **Justification**:

This project is needed to replace the current wastewater collection system of drying beds and leach fields. This system poses a serious health risk and future environmental cleanup costs are significantly higher than providing the proposed wastewater treatment system. This system must be able to process 280,000 Gal daily in support of 2,500 personnel

| [                                |            |          |           |        |         |            |       |            |            | 1          |              |
|----------------------------------|------------|----------|-----------|--------|---------|------------|-------|------------|------------|------------|--------------|
| 1.COMPONENT                      | FY 2       | 011      | MTT.1     | רייאנ  | v       | NSTRUCTI   | ON E  | DD∩.TI     | יכיי דאייא | 2.DATE     |              |
| ARMY                             | rı Z       | 011      | 141111    | LIMI   | CI CO   | NSTRUCTI   | OIV   | ROUI       | ici Daia   |            | JAN 2010     |
| 3.INSTALLATION AN                | D LOCAT    | 'ION     |           |        |         | 4.PRO      | JECT  | TITLE      |            | 23         | OHN ZOIO     |
| Airborne                         |            |          |           |        |         |            |       |            |            |            |              |
| Afghanistan                      |            |          |           |        |         | Rota       | rv W  | Vina       | Parking    |            |              |
| 5.PROGRAM ELEMENT                | 1          | 6.CATE   | GORY CODE |        | 7.1     | PROJECT NU |       | · <u>J</u> |            | COST (\$00 | 00)          |
|                                  |            | İ        |           |        |         |            |       |            | Auth       | 1.         | 200          |
| 01010A                           |            | İ        | 113       |        |         | 7380       | 2     |            | Approp     |            | 200          |
|                                  |            |          |           | 9      | .COST   | ESTIMATES  |       |            |            | -,         |              |
|                                  | ITEM       |          |           | TTM    | (M/E)   |            | OLIVN | TITY       |            | UNIT COST  | COST (\$000) |
| PRIMARY FACILI                   |            |          |           | 014    | (11/11) |            | QUAIN | 11111      |            | ONTICOST   | 996          |
| Rotary Wing Pa                   |            | Apror    | ı         | m2     | (SF)    | 5.         | 600   | (          | 60,278)    | 60.00      |              |
| Apron/Taxiway                    |            |          |           |        |         |            | 600   |            | 49,514)    | 70.00      |              |
| Ground points                    |            |          | трычате   | EA     | (51)    | - /        | 40    |            | 10,011)    | 1,600      |              |
| Marking and St                   |            |          |           |        | (SF)    | 5          |       | (          | 60,278)    | 10.00      |              |
| Marking and St<br>Airfield Light |            | 9        |           | LS     | (SF)    | 5,         | 000   | (          | 00,270)    |            | (218)        |
| Alliteid Light                   | .1119      |          |           | ЬΣ     |         |            |       |            |            |            | (218)        |
| CLIDDODELNIC EN                  | 777 701    | EC       |           |        |         |            |       |            |            |            | 0.6          |
| SUPPORTING FAC                   |            |          | ,         | т С    |         |            |       |            |            |            | 86           |
| _                                | 75) De     |          | )         | LS     |         |            |       |            |            |            | (75)         |
| Antiterrorism                    | Measu      | res      |           | LS     |         |            |       |            |            |            | (11)         |
|                                  |            |          |           |        |         |            |       |            |            |            |              |
|                                  |            |          |           |        |         |            |       |            |            |            |              |
|                                  |            |          |           |        |         |            |       |            |            |            |              |
|                                  |            |          |           |        |         |            |       |            |            |            |              |
|                                  |            |          |           |        |         |            |       |            |            |            |              |
|                                  |            |          |           |        |         |            |       |            |            |            |              |
|                                  |            |          |           |        |         |            |       |            |            |            |              |
| ESTIMATED CONT                   | TRACT      | COST     |           |        |         |            |       |            |            |            | 1,082        |
| CONTINGENCY                      | (5.00%     | )        |           |        |         |            |       |            |            |            | 54           |
| SUBTOTAL                         |            |          |           |        |         |            |       |            |            |            | 1,136        |
| SUPV, INSP & C                   | OVERHE.    | AD (7    | 7.70%)    |        |         |            |       |            |            |            | 87           |
| TOTAL REQUEST                    |            | •        | ,         |        |         |            |       |            |            |            | 1,223        |
| TOTAL REQUEST                    | (ROIIN     | DED)     |           |        |         |            |       |            |            |            | 1,200        |
| INSTALLED EQT-                   |            |          | מר        |        |         |            |       |            |            |            | (0)          |
| 10.Description of Prop           | oged Congt | truction |           | ı t rı | ıct a   | Potary     | Winc  | r Dai      | cking An   | ron. Pri   |              |
| facilities inc                   |            |          |           |        |         | _          | _     |            |            |            | -            |
|                                  |            |          | _         |        | _       |            |       |            | -          |            |              |
| associated gro                   |            |          |           |        |         |            |       |            |            |            |              |
| concrete to mi                   |            |          |           |        |         | _          |       |            |            |            |              |
| improvements,                    | _          | _        |           |        |         |            |       | _          |            | s.         |              |
| Antiterrorism/                   | Force      | Prote    | ection n  | neas   | ures    | will be    | inc   | clude      | ed.        |            |              |
|                                  |            |          |           |        |         |            |       |            |            |            |              |
| <u>11. REQ:</u>                  |            | ,600 n   |           |        |         | NON        |       |            | JBSTD:     |            | 5,600 m2     |
| PROJECT: Cons                    | struct     | a Rot    | ary Wir   | ıg I   | Parki   | ng Apron   | ıat   | Airk       | orne, A    | fghanist   | an.          |
| (Current Missi                   | lon)       |          |           |        |         |            |       |            |            |            |              |
| REQUIREMENT:                     | Airb       | orne i   | is esser  | ntia   | al to   | the suc    | cess  | s of       | US oper    | ations i   | n            |
| Regional Comma                   |            |          |           |        |         |            |       |            |            |            |              |
| to operate rot                   |            |          |           |        |         |            |       |            |            |            |              |
| to support saf                   |            |          |           |        |         |            |       |            |            |            |              |
| CURRENT SITUAT                   |            |          |           |        |         |            |       |            |            |            | tions do     |
| not have suffi                   |            |          |           |        |         |            |       |            |            |            |              |
|                                  |            |          |           |        |         |            |       |            |            |            |              |
| gravel. Foreig                   |            |          |           | ( עט   | TS      | brevaten   | ıc ar | ıu II      | icreases   | the ris    | V OT         |
| damage to valu                   | lable      | aircra   | all.      |        |         |            |       |            |            |            |              |
|                                  |            |          |           |        |         |            |       |            |            |            |              |

| 1.COMPONENT       | EV 0       | 011 MTT | $T \Pi \Lambda D V$ | CONSTRUCTION |       | אחי די אייי | 2.DATE |       |      |
|-------------------|------------|---------|---------------------|--------------|-------|-------------|--------|-------|------|
| ARMY              | Fĭ ∠       | OTT MIT | ITTAKI              | CONSTRUCTION | PROJE | JI DATA     | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATION |         |                     |              |       |             |        | 01111 |      |
|                   |            |         |                     |              |       |             |        |       |      |
| Airborne, Afgh    | nanistan   |         |                     |              |       |             |        |       |      |
| 4.PROJECT TITLE   |            |         |                     |              |       | 5.PROJECT 1 | NUMBER |       |      |
|                   |            |         |                     |              |       |             |        |       |      |
| Rotary Wing Pa    | arking     |         |                     |              |       |             | ,      | 73802 | 2    |

IMPACT IF NOT PROVIDED: If this project is not provided, capacity for sustained operating capability at Airborne will be jeopardized. Aircraft reliability and in-service rates will drop due to severe environmental conditions and increased maintenance requirements. Risk of damage to valuable aviation assets will increase, resulting in degraded combat effectiveness.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV | 2010 |
|-----|--|-----|------|
| (b) | Percent Complete As Of January 2010              |     | .00  |
| (c) | Date 35% Designed                                | JAN | 2010 |
| (d) | Date Design Complete                             | FEB | 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs |     | NO   |
| (f) | Type of Design Contract: Design-bid-build        |     |      |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|-----|--|----------|
|     | (a) Production of Plans and Specifications           | 42       |
|     | (b) All Other Design Costs                           | 21       |
|     | (c) Total Design Cost                                | 63       |
|     | (d) Contract   | 42       |
|     | (e) In-house   | 21       |
| (4) | Construction Contract Award                          | MAR 2011 |
| (5) | Construction Start                                   | APR 2011 |
| (6) | Construction Completion                              | SEP 2011 |

| 1.COMPONENT       | EV 2011    | MILTERADY | CONCEDIORION | DDO TEC |           | 2.DATE      |
|-------------------|------------|-----------|--------------|---------|-----------|-------------|
|                   | FY 2011    | MILITARY  | CONSTRUCTION | PROJEC  | T DATA    |             |
| ARMY              |            |           |              |         |           | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION |           |              |         |           |             |
|                   |            |           |              |         |           |             |
| Airborne, Afgh    | nanistan   |           |              |         |           |             |
| 4.PROJECT TITLE   |            |           |              | 5       | PROJECT 1 | IUMBER      |
|                   |            |           |              |         |           |             |
| Rotary Wing Pa    | arking     |           |              |         |           | 73802       |
|                   |            |           |              |         |           |             |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Procuring Appropriated Cos

NONE

Installation Engineer: LTC Martin Norvel

Phone Number: 404-464-4893

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|-------------------------|------------|----------------|-------|---------|--------------|------------|------------|--------------|
| 1.COMPONENT             |            |                |       |         |              |            | 2.DATE     |              |
|                         | FY 2       | 011 MII        | JITAR | Y CONS  | STRUCTION PR | OJECT DATA |            |              |
| ARMY                    |            |                |       |         |              |            | 23         | JAN 2010     |
| 3.INSTALLATION AN       |            | 'ION           |       |         | 4.PROJECT TI | TLE        |            |              |
| Bagram Air Bas          | se         |                |       |         |              |            |            |              |
| Afghanistan             |            |                |       |         | Troop Hou    | sing, Ph 4 |            |              |
| 5.PROGRAM ELEMENT       |            | 6.CATEGORY COD | Œ     | 7.PR    | OJECT NUMBER | 8.PROJECT  | COST (\$00 | 0)           |
|                         |            |                |       |         |              | Auth       | 23,        | 000          |
| 01010A                  |            | 721            |       |         | 72606        | Approp     | 23,        | 000          |
|                         |            |                | 9     | .COST E | STIMATES     |            |            |              |
|                         | ITEM       |                | UM    | (M/E)   | QUANTI       | TY         | UNIT COST  | COST (\$000) |
| PRIMARY FACILI          | TY         |                |       |         |              |            |            | 18,130       |
| Troop Housing           |            |                | m2    | (SF)    | 14,561 (     | 156,733)   | 1,086      | (15,813)     |
| Antiterrorism           | Measu      | res            | LS    |         | -            | _          |            | (1,635)      |
| Building Infor          | rmatio     | n Systems      | LS    |         | -            | _          |            | (682)        |
|                         |            |                |       |         |              |            |            |              |
|                         |            |                |       |         |              |            |            |              |
| SUPPORTING FAC          |            | <u>ES</u>      |       |         |              |            |            | 1,989        |
| Electric Servi          |            |                | LS    |         | -            | -          |            | (753)        |
| Water, Sewer,           |            |                | LS    |         | -            | _          |            | (431)        |
| Paving, Walks,          |            |                | LS    |         | -            | _          |            | (25)         |
| Site Imp( 58            |            | mo( )          | LS    |         | -            | _          |            | (581)        |
| Information Sy          | rstems     |                | LS    |         | -            | _          |            | (199)        |
|                         |            |                |       |         |              |            |            | 1            |
|                         |            |                |       |         |              |            |            | 1            |
|                         |            |                |       |         |              |            |            |              |
|                         | 1D 7 CF    | GO GET         |       |         |              |            |            | 00 110       |
| ESTIMATED CONT          |            |                |       |         |              |            |            | 20,119       |
|                         | (5.00%     | )              |       |         |              |            |            | 1,006        |
| SUBTOTAL                |            |                |       |         |              |            |            | 21,125       |
| SUPV, INSP & C          | VERHE      | AD (7.70%)     |       |         |              |            |            | 1,627        |
| TOTAL REQUEST           |            | `              |       |         |              |            |            | 22,752       |
| TOTAL REQUEST           |            |                |       |         |              |            |            | 23,000       |
| INSTALLED EQT-          |            |                |       |         |              |            |            | ()           |
| 10.Description of Propo | osed Const | truction Cor   | ıstru | ct Tro  | oop Housing  | tor 1,216  | personne   | I to         |

replace expeditionary housing facilities. Primary facility is Troop Housing with showers and latrines. Supporting facilities include site improvements, pavement, utility infrastructure, and information systems. Force Protection & Anti-Terrorism measures will be included.

11. REQ: 12,000 PN ADQT: 2,654 PN SUBSTD: 9,346 PN PROJECT: Construct the fourth phase of nine phases of troop housing to replace expeditionary facilities at Bagram, Afghanistan. (Current Mission) REQUIREMENT: Construction of housing facilities are needed to replace expeditionary facilities that have exceeded their life-span, are substandard housing, do not provide adequate protection from harsh weather conditions, and are unsafe and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost effective solution.

CURRENT SITUATION: Many personnel on BAF are housed in expeditionary facilities, such as wood frame structures or tents. These buildings are expeditionary in nature and pose an increased safety and health risk. Several fires have occurred in these structures. In addition, the inefficient mechanical systems do not heat or cool to acceptable standards and consume a

| I.COMPONENI       |           |        |          |              |         |            | Z.DAIE      |
|-------------------|-----------|--------|----------|--------------|---------|------------|-------------|
|                   | FY        | 2011   | MILITARY | CONSTRUCTION | PROJEC' | T DATA     |             |
| ARMY              |           |        |          |              |         |            | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATIO | ON     |          |              |         |            |             |
|                   |           |        |          |              |         |            |             |
| Bagram Air Bas    | se, Afgl  | hanist | an       |              | _       |            |             |
| 4.PROJECT TITLE   |           |        |          |              | 5       | .PROJECT 1 | NUMBER      |
|                   |           |        |          |              |         |            |             |
| Troop Housing,    | , Ph 4    |        |          |              |         |            | 72606       |
|                   |           |        |          |              |         |            |             |

### CURRENT SITUATION: (CONTINUED)

COMPONENT

disproportionately large amount of electricity.

IMPACT IF NOT PROVIDED: The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these expeditionary facilities will have to be replaced on a case-by-case basis.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

|      |           |    |    | Project Funding |
|------|-----------|----|----|-----------------|
| 2008 | (PN72271, | Ph | 1) | \$16,000        |
| 2009 | (PN73389, | Ph | 2) | \$20,000        |
| 2010 | (PN72605, | Ph | 3) | \$22,000        |
| 2011 | (PN72606, | Ph | 4) | \$23,000        |
| 2011 | (PN74090, | Ph | 5) | \$29,000        |
| 2011 | (PN74155, | Ph | 6) | \$29,000        |
| 2011 | (PN74157, | Ph | 7) | \$29,000        |
| 2011 | (PN74158, | Ph | 8) | \$29,000        |
| FYDP | (         | Ph | 9) | TBD             |
|      |           |    |    |                 |

### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | OCT 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 15.00    |
| (C) | Date 35% Designed                                | APR 2010 |
| (d) | Date Design Complete                             | OCT 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
|     |  |          |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | 1 Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications       | 1,083   |
|     | (b)  | All Other Design Costs                       | 542     |
|     | (C)  | Total Design Cost                            | 1,625   |

| 1.COMPONENT       |                      |                            |             | 0 DAME         |        |
|-------------------|----------------------|----------------------------|-------------|----------------|--------|
| 1.COMPONENT       | TIL COLL MITTER      |                            | ~~ ~~       | 2.DATE         |        |
|                   | FY 2011 MILIT        | ARY CONSTRUCTION PROJE     | CT DATA     |                |        |
| ARMY              |                      |                            |             | 23 JAN         | 2010   |
| 3.INSTALLATION AN | D LOCATION           |                            |             | •              |        |
|                   |                      |                            |             |                |        |
| Bagram Air Bas    | se, Afghanistan      |                            |             |                |        |
| 4.PROJECT TITLE   |                      |                            | 5.PROJECT N | UMBER          |        |
|                   |                      |                            |             |                |        |
| Troop Housing,    | Dh <i>4</i>          |                            |             | 72606          |        |
| 11000 110001119   | , 111 4              |                            |             | 72000          |        |
| 12. SUPPLEMEN     | NTAL DATA: (Continue | .d)                        |             |                |        |
|                   | mated Design Data: ( |                            |             |                |        |
| A. ESCII          | 2                    |                            |             | 1 0            |        |
|                   |                      |                            |             |                |        |
|                   | (e) In-house         |                            |             | 5              | 42     |
|                   |                      |                            |             |                |        |
| (4)               | Construction Contra  | ct Award                   |             | <u>JAN 20</u>  | 11     |
|                   |                      |                            |             |                |        |
| (5)               | Construction Start.  |                            |             | MAR 20         | 11     |
|                   |                      |                            |             |                |        |
| (6)               | Construction Comple  | tion                       |             | MAR 20         | 12     |
|                   |                      |                            |             |                |        |
|                   |                      |                            |             |                |        |
| B. Equir          | oment aggodiated wit | h this project which w     | vill be pr  | rowided from   | ,      |
|                   | -                    | ii ciiis project wiiicii w | viii be pi  | .Ovided IIOIII |        |
| other approp      | oriations:           |                            |             | -              |        |
|                   |                      |                            | Fisca       | ıl Year        |        |
| Equipment         |                      | Procuring                  | Appro       | priated C      | ost    |
| Nomenclati        | are                  | Appropriation              | Or Re       | equested (     | \$000) |
|                   |                      |                            |             |                |        |
|                   |                      | NA                         |             |                |        |

Installation Engineer: LTC Martin Norvel

Phone Number: 404-464-4893

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| 1.COMPONENT                             |            |         |               |           | 2.DATE     |              |
|---|------------|---------|---------------|-----------|------------|--------------|
| FY 2011                                 | MILITARY   | CONS    | TRUCTION PRO  | JECT DATA |            |              |
| ARMY                                    |            |         |               |           | 23         | JAN 2010     |
| 3.INSTALLATION AND LOCATION             |            |         | 4.PROJECT TIT | LE        |            |              |
| Bagram Air Base                         |            |         |               |           |            |              |
| Afghanistan                             |            |         | Troop Hous    | ing, Ph 5 |            |              |
| 5. PROGRAM ELEMENT 6. CATEGORY          | CODE       | 7.PRO   | JECT NUMBER   | 8.PROJECT | COST (\$00 | 0)           |
|   |            |         |               | Auth      | 29,        | 000          |
| 01010A 723                              | 1          |         | 74090         | Approp    | 29,        | 000          |
|   | 9.0        | COST ES | TIMATES       |           |            |              |
| ITEM                                    | UM (       | M/E)    | QUANTIT       | Ϋ́        | UNITCOST   | COST (\$000) |
| PRIMARY FACILITY                        |            |         |               |           |            | 22,432       |
| Troop Housing                           | m2 (       | SF)     | 18,201 (      | 195,914)  | 1,086      | (19,766)     |
| Antiterrorism Measures                  | LS         |         |               |           |            | (2,015)      |
| Building Information Systems            | s LS       |         |               |           |            | (651)        |
|   |            |         |               |           |            |              |
|   |            |         |               |           |            |              |
|   |            |         |               |           |            |              |
| SUPPORTING FACILITIES                   |            |         |               |           |            | 3,416        |
| Electric Service                        | LS         |         |               |           |            | (1,400)      |
| Water, Sewer, Gas                       | LS         |         |               |           |            | (1,000)      |
| Paving, Walks, Curbs & Gutte            |            |         |               |           |            | (25)         |
| Site Imp( 800) Demo(                    | ) LS       |         |               |           |            | (800)        |
| Information Systems                     | LS         |         |               |           |            | (191)        |
| THIOTHLACTOH Systems                    | Пр         |         |               |           |            | (191)        |
|   |            |         |               |           |            |              |
|   |            |         |               |           |            |              |
|   |            |         |               |           |            |              |
| ESTIMATED CONTRACT COST                 |            |         |               |           |            | 25,848       |
|   |            |         |               |           |            |              |
|   |            |         |               |           |            | 1,292        |
| SUBTOTAL                                | 20.1       |         |               |           |            | 27,140       |
| SUPV, INSP & OVERHEAD (7.7)             | J6)        |         |               |           |            | 2,090        |
| TOTAL REQUEST                           |            |         |               |           |            | 29,230       |
| TOTAL REQUEST (ROUNDED)                 |            |         |               |           |            | 29,000       |
| INSTALLED EQT-OTHER APPROP              |            |         |               |           |            | ()           |
| 10.Description of Proposed Construction |            |         | op Housing f  |           |            |              |
| replace expeditionary housing           |            |         |               |           |            |              |
| with showers and latrines. S            |            |         |               |           |            |              |
| pavement, utility infrastruc            |            |         | ormation sys  | tems. For | ce Prote   | ction &      |
| Anti-Terrorism measures will            | l be incl  | uded.   |               |           |            |              |
|   |            |         |               |           |            |              |
| <u>11. REQ:</u> 12,000 PN               |            |         | - /           | SUBSTD:   |            | 8,130 PN     |
| <u>PROJECT:</u> Construct the fift      | -          |         | _             | _         | _          | replace      |
| expeditionary facilities at             | _          | _       |               |           |            |              |
| REQUIREMENT: Construction               | of housi:  | ng fa   | cilities are  | needed t  | o replac   | е            |
| expeditionary facilities tha            | at have e  | xceed   | ed their lif  | e-span, a | re subst   | andard       |
| housing, do not provide adec            | quate pro  | tecti   | on from hars  | h weather | conditi    | ons, and     |
| are unsafe and unhealthy. No            | ew housing | g wil   | l be either   | semi-perm | anent co   | ncrete       |
| block construction or reloca            | atable bu  | ildin   | gs, whicheve  | r provide | s the mo   | st cost      |
| effective solution.                     |            |         |               |           |            |              |
| CURRENT SITUATION: Many pe              | ersonnel   | on BA   | F are housed  | in exped  | itionary   |              |
| facilities, such as wood fra            |            |         |               | _         | _          |              |
| expeditionary in nature and             |            |         |               |           | _          |              |

mechanical systems do not heat or cool to acceptable standards and consume a

fires have occurred in these structures. In addition, the inefficient

| 1.COMPONENT       | FV        | 2011    | MTT.TTARV | CONSTRUCTION | DRO.TEC | מידאמ יו  | Z.DAIE |       |      |
|-------------------|-----------|---------|-----------|--------------|---------|-----------|--------|-------|------|
| ARMY              | 11        | 2011    | HILLIANI  | CONDINGCTION | TROOLC  | DAIA      | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATIO | N       |           |              |         |           | •      |       |      |
|                   |           |         |           |              |         |           |        |       |      |
| Bagram Air Bas    | se, Afgl  | nanista | an        |              |         |           |        |       |      |
| 4.PROJECT TITLE   |           |         |           |              | 5       | PROJECT N | IUMBER |       |      |
|                   |           |         |           |              |         |           |        |       |      |
| Troop Housing,    | Ph 5      |         |           |              |         |           | ,      | 74090 | )    |

### CURRENT SITUATION: (CONTINUED)

COMPONENT

disproportionately large amount of electricity.

IMPACT IF NOT PROVIDED: The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these expeditionary facilities will have to be replaced on a case-by-case basis.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

|      |           |    |    | Project Funding |
|------|-----------|----|----|-----------------|
| 2008 | (PN72271, | Ph | 1) | \$16,000        |
| 2009 | (PN73389, | Ph | 2) | \$20,000        |
| 2010 | (PN72605, | Ph | 3) | \$22,000        |
| 2011 | (PN72606, | Ph | 4) | \$23,000        |
| 2011 | (PN74090, | Ph | 5) | \$29,000        |
| 2011 | (PN74155, | Ph | 6) | \$29,000        |
| 2011 | (PN74157, | Ph | 7) | \$29,000        |
| 2011 | (PN74158, | Ph | 8) | \$29,000        |
| FYDP | (         | Ph | 9) | TBD             |
|      |           |    |    |                 |

### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | OCT 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 15.00    |
| (C) | Date 35% Designed                                | APR 2010 |
| (d) | Date Design Complete                             | OCT 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | l Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications           | 1,384   |
|     | (b)  | All Other Design Costs                           | 692     |
|     |      | Total Design Cost                                |         |

| 1.COMPONENT          |                      |                        |             | 2.DATE          |
|----------------------|----------------------|------------------------|-------------|-----------------|
|                      | FY 2011 MILIT        | ARY CONSTRUCTION PROJE | CT DATA     |                 |
| ARMY                 |                      |                        |             | 23 JAN 2010     |
| 3.INSTALLATION AN    | D LOCATION           |                        |             |                 |
|                      |                      |                        |             |                 |
| Bagram Air Bas       | se, Afghanistan      |                        |             |                 |
| 4.PROJECT TITLE      |                      |                        | 5.PROJECT N | UMBER           |
|                      |                      |                        |             |                 |
| Troop Housing,       | , Ph 5               |                        |             | 74090           |
|                      |                      |                        |             |                 |
| 12. SUPPLEMEN        | NTAL DATA: (Continue | d)                     |             |                 |
| A. Estin             | mated Design Data: ( | Continued)             |             |                 |
|                      |                      |                        |             | 1 384           |
|                      |                      |                        |             |                 |
|                      | (e) III-IIOuse       |                        |             | 092             |
| (4)                  | Construction Contra  | ct Award               |             | <u>JAN 2011</u> |
| (5)                  | Construction Start.  |                        |             | <u>MAR 2011</u> |
| (6)                  | Construction Comple  | tion                   |             | <u>MAR 2012</u> |
| B. Equipother approp | •                    | h this project which w | -           |                 |
|                      |                      |                        | 1 2000      | l Year          |
| Equipment            |                      | Procuring              | Appro       | priated Cost    |
| Nomenclati           | ıre                  | Appropriation          | Or Re       | quested (\$000) |
|                      |                      |                        |             |                 |
|                      |                      | NA                     |             |                 |

Installation Engineer: LTC Martin Norvel

| · · · · · · · · · · · · · · · · · · · |  |                 |       |        |               |            |            | 1            |  |  |
|---------------------------------------|--|-----------------|-------|--------|---------------|------------|------------|--------------|--|--|
| 1.COMPONENT                           |  |                 |       |        | mpiiamian ss  |            | 2.DATE     |              |  |  |
|                                       | FY 2011 MILITARY CONSTRUCTION PROJECT DATA |                 |       |        |               |            |            |              |  |  |
| ARMY                                  |  | T 0.17          |       |        |               |            | 23         | JAN 2010     |  |  |
| 3.INSTALLATION AND                    |  | LON             |       |        | 4.PROJECT TIT | LPE        |            |              |  |  |
| Bagram Air Bas                        | е  |                 |       |        |               |            |            |              |  |  |
| Afghanistan                           |  |                 |       | -1     | Command &     |            |            |              |  |  |
| 5.PROGRAM ELEMENT                     |  | 6.CATEGORY CODE | :     | 7.PRC  | JECT NUMBER   |            | COST (\$00 | 0)           |  |  |
|                                       |  |                 |       |        |               | Auth       | 13,        | 600          |  |  |
| 01010A                                |  | 141             |       |        | 74104         | Approp     | 13,        | 600          |  |  |
|                                       |  |                 | 9.0   | COST E | STIMATES      |            |            |              |  |  |
|                                       | ITEM                                       |                 | UM (  | M/E)   | QUANTI'       | ГҮ         | UNIT COST  | COST (\$000) |  |  |
| PRIMARY FACILI                        | TY   |                 |       |        |               |            |            | 10,028       |  |  |
| Consolidated C                        | omman                                      | d & Control     | m2 (  | SF)    | 2,230 (       | 24,004)    | 3,296      | (7,350)      |  |  |
| Secure Storage                        | Yard                                       |                 | m2 (  | SF)    | 1,045 (       | 11,248)    | 748.00     | (782)        |  |  |
| Pre-detonation                        | Roof                                       |                 | m2 (  | SF)    | 1,820 (       | 19,590)    | 600.00     | (1,092)      |  |  |
| Antiterrorism                         | Measu                                      | res             | LS    |        |               | -          |            | (360)        |  |  |
| Building Infor                        | matio                                      | n Systems       | LS    |        |               | -          |            | (444)        |  |  |
|                                       |  |                 |       |        |               |            |            |              |  |  |
| SUPPORTING FAC                        | ILITI                                      | ES              |       |        |               |            |            | 2,001        |  |  |
| Electric Servi                        | се   |                 | LS    |        |               | -          |            | (375)        |  |  |
| Water, Sewer,                         | Gas  |                 | LS    |        |               | -          |            | (327)        |  |  |
| Paving, Walks,                        | Curb                                       | s & Gutters     | LS    |        |               | -          |            | (300)        |  |  |
| Site Imp( 45                          |  |                 | LS    |        |               | -          |            | (450)        |  |  |
| Information Sy                        |  |                 | LS    |        |               | -          |            | (549)        |  |  |
| 1                                     |  |                 |       |        |               |            |            | , ,          |  |  |
|                                       |  |                 |       |        |               |            |            |              |  |  |
|                                       |  |                 |       |        |               |            |            |              |  |  |
|                                       |  |                 |       |        |               |            |            |              |  |  |
| ESTIMATED CONT                        | RACT                                       | COST            |       |        |               |            |            | 12,029       |  |  |
| CONTINGENCY (                         |  |                 |       |        |               |            |            | 601          |  |  |
| SUBTOTAL                              |  | •               |       |        |               |            |            | 12,630       |  |  |
| SUPV, INSP & O                        | VERHE.                                     | AD (7.70%)      |       |        |               |            |            | 973          |  |  |
| TOTAL REQUEST                         |  | ( )             |       |        |               |            |            | 13,603       |  |  |
| TOTAL REQUEST                         | (ROUN                                      | DED)            |       |        |               |            |            | 13,600       |  |  |
| INSTALLED EQT-                        |  |                 |       |        |               |            |            | _3,333       |  |  |
| 10.Description of Propo               |  |                 | struc | t a C  | ommand and (  | Control Fa | cility f   | or the       |  |  |
| Combined Joint                        |  |                 |       |        |               |            | _          |              |  |  |
| inclues comman                        | _  | <del>-</del>    |       |        |               |            | _          | _            |  |  |
| gompastmontal:                        |  |                 | _     |        | _             |            |            |              |  |  |

10.Description of Proposed Construction Construct a Command and Control Facility for the Combined Joint Special Operations Air Detachment (CJSOAD). Primary facility inclues command and control facility with joint operations center, secure compartmentalized information facility (SCIF) and heating, ventilation and air conditioning (HVAC) and pre-detonation roof. Supporting facilities include site work, utilities infrastructure, and information systems. Antiterrosim/Force Protection measures will be included.

11. REQ: 2,230 m2 ADQT: NONE SUBSTD: 2,230 m2

PROJECT: Construct a Command and Control Facility to support the Combined

Joint Special Operations Air Detachment (CJSOAD) at Bagram, Afghanistan.

(Current Mission)

<u>REQUIREMENT:</u> A Command and Control Facility is required to support CJSOAD operations throughout the Southwest Asia(SWA) area of operations. The facility will house a command section, supporting staff, operational squadrons and related logistical support. This facility will enable CJSOAD joint staff functions to plan and support Special Operations Forces (SOF).

CURRENT SITUATION: Currently, CJSOAD is spread throughout the installation

in undersized, inadequate facilities that have deteriorated under the harsh Afghanistan environment. These facilities do not provide adequate space

| 1.COMPONENT       |           |        |          |              |         |           | 2.DATE |        |
|-------------------|-----------|--------|----------|--------------|---------|-----------|--------|--------|
|                   | FY        | 2011   | MILITARY | CONSTRUCTION | PROJEC' | r data    |        |        |
| ARMY              |           |        |          |              |         |           | 23 JAI | N 2010 |
| 3.INSTALLATION AN | D LOCATIO | ON     |          |              |         |           |        |        |
|                   |           |        |          |              |         |           |        |        |
| Bagram Air Bas    | se, Afgl  | nanist | an       |              |         |           |        |        |
| 4.PROJECT TITLE   |           |        |          |              | 5       | PROJECT N | IUMBER |        |
|                   |           |        |          |              |         |           |        |        |
| Command & Cont    | rol Fac   | cility |          |              |         |           | 741    | 04     |
|                   |           |        |          |              |         |           |        |        |

## CURRENT SITUATION: (CONTINUED)

requirements, offer poor and unsafe working conditions, and have a negative impact on operations and supporting mission requirements.

IMPACT IF NOT PROVIDED: CJSOAD personnel will have no facility to work out of which will cause significant impact of mission capability. A facility to house these functions is required for this crucial component of Overseas Contingency Operations.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | APR 2010 |
| (d) | Date Design Complete                             | NOV 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |

- (f) Type of Design Contract: Design-bid-build
- (1) Type of Design Contract: Design-Did-Dulld
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | 1 Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications           | 505     |
|     | (b)  | All Other Design Costs                           | 253     |
|     | (C)  | Total Design Cost                                | 758     |
|     | (d)  | Contract   | 505     |
|     | (e)  | In-house   | 253     |
|     |      |  |         |

- (4) Construction Contract Award..... FEB 2011
- (6) Construction Completion................................JUN 2012

| I.COMPONENT       | EV 20      | )11 MILITARY | CONSTRUCTION | DRO.TECT | מידעת    | 2.DATE |       |      |
|-------------------|------------|--------------|--------------|----------|----------|--------|-------|------|
| ARMY              | 11 20      | /II MIDITARI | CONDINGCTION | ткоопст  | DATA     | 23     | JAN 2 | 2010 |
| 3.INSTALLATION AN | D LOCATION |              |              |          | •        |        |       |      |
|                   |            |              |              |          |          |        |       |      |
| Bagram Air Bas    | se, Afghan | nistan       |              |          |          |        |       |      |
| 4.PROJECT TITLE   |            |              |              | 5.F      | ROJECT N | UMBER  |       |      |
|                   |            |              |              |          |          |        |       |      |
| Command & Cont    | rol Facil  | ity          |              |          |          | 7      | 4104  |      |
|                   |            |              |              |          |          |        |       |      |

# 12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT                      |               |                |          |           |               |       |            | 2.DATE     |              |
|----------------------------------|---------------|----------------|----------|-----------|---------------|-------|------------|------------|--------------|
|                                  | FY 20         | 011 MIL        | ITAI     | RY COI    | NSTRUCTION    | PROJE | ECT DATA   |            |              |
| ARMY                             |               |                |          |           |               |       |            | 23         | JAN 2010     |
| 3.INSTALLATION AN                | D LOCAT       | ION            |          |           | 4.PROJECT     | TITLE |            |            |              |
| Bagram Air Bas                   | se            |                |          |           |               |       |            |            |              |
| Afghanistan                      |               |                |          |           |               |       | ng, Ph 6   |            |              |
| 5.PROGRAM ELEMENT                |               | 6.CATEGORY COD | E        | 7.F       | ROJECT NUMBER |       |            | COST (\$00 |              |
|                                  |               |                |          |           |               |       | Auth       | 29,        |              |
| 01010A                           |               | 721            |          |           | 74155         |       | Approp     | 29,        | 000          |
|                                  |               |                | 5        | e.cost    | ESTIMATES     |       |            |            |              |
|                                  | ITEM          |                | UM       | (M/E)     | QUA           | NTITY |            | UNITCOST   | COST (\$000) |
| PRIMARY FACILI                   | . <u>T. X</u> |                |          | ( ( ( ) ) | 10 001        | , -   | 105 014)   | 1 000      | 22,420       |
| Troop Housing                    | Maaa          |                |          | (SF)      | 18,201        | (     | L95,914)   | 1,086      | (19,766)     |
| Antiterrorism                    |               |                | LS<br>LS |           |               |       |            |            | (2,015)      |
| Building Infor                   | ·IIIacioi     | 1 Systems      | го       |           |               |       |            |            | (639)        |
|                                  |               |                |          |           |               |       |            |            |              |
|                                  |               |                |          |           |               |       |            |            |              |
| SUPPORTING FAC                   | ידד.דידד      | 7.5            |          |           |               |       |            |            | 3,412        |
| Electric Servi                   |               | <u> </u>       | LS       |           |               |       |            |            | (1,400)      |
| Water, Sewer,                    |               |                | LS       |           |               |       |            |            | (1,000)      |
| Paving, Walks,                   |               | s & Gutters    | LS       |           |               |       |            |            | (25)         |
| Site Imp( 80                     |               |                | LS       |           |               |       |            |            | (800)        |
| Information Sy                   |               | ,              | LS       |           |               |       |            |            | (187)        |
| 2                                |               |                |          |           |               |       |            |            |              |
|                                  |               |                |          |           |               |       |            |            |              |
|                                  |               |                |          |           |               |       |            |            |              |
|                                  |               |                |          |           |               |       |            |            |              |
| ESTIMATED CONT                   | RACT (        | COST           |          |           |               |       |            |            | 25,832       |
| CONTINGENCY                      | (5.00%)       |                |          |           |               |       |            |            | 1,292        |
| SUBTOTAL                         |               |                |          |           |               |       |            |            | 27,124       |
| SUPV, INSP & C                   | VERHE         | AD (7.70%)     |          |           |               |       |            |            | 2,089        |
| TOTAL REQUEST                    |               |                |          |           |               |       |            |            | 29,213       |
| TOTAL REQUEST                    |               |                |          |           |               |       |            |            | 29,000       |
| INSTALLED EQT-                   |               |                |          |           |               |       | 1 500      |            | ()           |
| 10.Description of Propo          |               |                |          |           | roop Housin   | _     |            | _          |              |
| replace expedi<br>with showers a |               | -              |          |           | _             |       | _          | _          | _            |
| pavement, util                   |               |                |          |           |               |       |            |            |              |
| Protection mea                   |               |                |          |           | IIIOIMACIOII  | ayace | illo. AIIC | ICELIOII   | Billy FOICE  |
| TIOCCCCIOII IIICC                | Darch         | WIII DC IIIC   | Tuuc     | Ju.       |               |       |            |            |              |
| 11. REQ:                         | 12            | ,000 PN ADQ    | T:       |           | 5,390 P       | N SI  | JBSTD:     |            | 6,610 PN     |
|                                  |               | the sixth p    |          | e of i    |               |       |            |            |              |
| expeditionary                    |               | _              |          |           | _             |       | _          |            | _            |
| REQUIREMENT:                     |               | ruction of     |          | _         |               |       |            |            | e            |
| expeditionary                    |               |                |          |           |               |       |            |            |              |
| housing, do no                   | t prov        | vide adequat   | e pi     | rotec     | tion from h   | arsh  | weather    | conditi    | ons, and     |
| are unsafe and                   | l unhea       | althy. New h   | ous      | ing w     | ill be eith   | er se | emi-perm   | anent co   | ncrete       |
| block construc                   | tion o        | or relocatab   | le k     | ouild     | ings, which   | ever  | provide    | s the mo   | st cost      |
| effective solu                   | ition.        |                |          |           |               |       |            |            |              |
| CURRENT SITUAT                   | CION:         | Many perso     | nnel     | l on 1    | BAF are hou   | sed i | in exped   | itionary   |              |
| facilities, su                   |               |                |          |           |               |       |            |            |              |
| expeditionary                    |               |                |          |           |               |       |            |            | Several      |
| fires have occ                   | curred        | in these st    | ruct     | tures     | . In additi   | on, t | the inef   | ficient    |              |

mechanical systems do not heat or cool to acceptable standards and consume a

| 1.COMPONENT       |           |         |          |              |         |           | 2.DATE      |
|-------------------|-----------|---------|----------|--------------|---------|-----------|-------------|
|                   | FY        | 2011    | MILITARY | CONSTRUCTION | PROJECT | DATA      |             |
| ARMY              |           |         |          |              |         |           | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATIO | N       |          |              |         |           |             |
|                   |           |         |          |              |         |           |             |
| Bagram Air Bas    | se, Afgh  | nanista | an       |              |         |           |             |
| 4.PROJECT TITLE   |           |         |          |              | 5.      | PROJECT N | UMBER       |
|                   |           |         |          |              |         |           |             |
| Troop Housing,    | , Ph 6    |         |          |              |         |           | 74155       |

## CURRENT SITUATION: (CONTINUED)

disproportionately large amount of electricity.

IMPACT IF NOT PROVIDED: The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these expeditionary facilities will have to be replaced on a case-by-case basis.

All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

|      |           |    |    | Project Funding |
|------|-----------|----|----|-----------------|
| 2008 | (PN72271, | Ph | 1) | \$16,000        |
| 2009 | (PN73389, | Ph | 2) | \$20,000        |
| 2010 | (PN72605, | Ph | 3) | \$22,000        |
| 2011 | (PN72606, | Ph | 4) | \$23,000        |
| 2011 | (PN74090, | Ph | 5) | \$29,000        |
| 2011 | (PN74155, | Ph | 6) | \$29,000        |
| 2011 | (PN74157, | Ph | 7) | \$29,000        |
| 2011 | (PN74158, | Ph | 8) | \$29,000        |
| FYDP | (         | Ph | 9) | TBD             |
|      |           |    |    |                 |

# 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | OCT 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 15.00    |
| (C) | Date 35% Designed                                | APR 2010 |
| (d) | Date Design Complete                             | OCT 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | l Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications           | 1,393   |
|     | (b)  | All Other Design Costs                           | 681     |
|     |      | Total Design Cost                                |         |

| 1.COMPONENT              |                       |                       |                   | 2.DATE       |         |
|--------------------------|-----------------------|-----------------------|-------------------|--------------|---------|
|                          | FY 2011 MILITA        | RY CONSTRUCTION PROJE | CT DATA           |              | ļ       |
| ARMY                     |                       |                       |                   | 23 JAN       | 2010    |
| 3.INSTALLATION AN        | D LOCATION            |                       |                   |              |         |
|                          |                       |                       |                   |              |         |
| Bagram Air Bas           | se, Afghanistan       |                       |                   |              |         |
| 4.PROJECT TITLE          |                       |                       | 5.PROJECT N       | UMBER        |         |
|                          |                       |                       |                   |              |         |
| Troop Housing,           | Ph 6                  |                       |                   | 7415         | 5       |
|                          |                       |                       |                   |              |         |
| 12. SUPPLEMEN            | TAL DATA: (Continued  | 1)                    |                   |              |         |
|                          | nated Design Data: (C | •                     |                   |              |         |
|                          | 5                     |                       |                   | 1            | 383     |
|                          |                       |                       |                   |              | 691     |
|                          | (e) III-IIOuse        |                       | • • • • • • • • • | • • •        | 091     |
| (4)                      | Construction Contrac  | t Award               |                   | <u>JAN 2</u> | 011     |
| (5)                      | Construction Start    |                       |                   | MAR 2        | 011     |
| (6)                      | Construction Complet  | ion                   |                   | <u>MAR 2</u> | 012     |
| B. Equip<br>other approp |                       | this project which w  | -                 |              | m       |
|                          |                       |                       | 1 1000            | l Year       |         |
| Equipment                |                       | Procuring             | Appro             | priated      | Cost    |
| Nomenclatu               | ire                   | <u>Appropriation</u>  | <u>Or Re</u>      | quested      | (\$000) |
|                          |                       |                       |                   |              |         |
|                          |                       | NA                    |                   |              |         |

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Installation Engineer: LTC Martin Norvel

| 1.COMPONENT            |               |                 |       |       |             |       |           | 2.DATE     |              |
|------------------------|---------------|-----------------|-------|-------|-------------|-------|-----------|------------|--------------|
|                        | FY 2          | 011 MIL:        | ITARY | CONS  | TRUCTION E  | PROJE | ECT DATA  |            |              |
| ARMY                   |               |                 |       |       |             |       |           | 23         | JAN 2010     |
| 3.INSTALLATION AN      | D LOCAT       | ION             |       |       | 4.PROJECT   | TITLE | 1         | •          |              |
| Bagram Air Bas         | se            |                 |       |       |             |       |           |            |              |
| Afghanistan            |               |                 |       |       | Troop Ho    | ousir | ng, Ph 7  |            |              |
| 5.PROGRAM ELEMENT      | ı             | 6.CATEGORY CODE | 3     | 7.PR  | JECT NUMBER |       | 8.PROJECT | COST (\$00 | 0)           |
|                        |               |                 |       |       |             |       | Auth      | 29,        | 000          |
| 01010A                 |               | 721             |       |       | 74157       |       | Approp    | 29,        | 000          |
|                        |               |                 | 9.0   | OST E | STIMATES    |       |           |            |              |
|                        | ITEM          |                 | UM (1 | M/E)  | OUAN        | TITY  |           | UNIT COST  | COST (\$000) |
| PRIMARY FACILI         | YTI           |                 |       | , ,   | ~ *         |       |           |            | 22,409       |
| Troop Housing          |               |                 | m2 (: | SF)   | 18,201      | ( ]   | 195,914)  | 1,086      | (19,766)     |
| Antiterrorism          | Measu         | res             | LS    |       |             |       | -         |            | (2,015)      |
| Building Infor         |               |                 | LS    |       |             |       |           |            | (628)        |
|                        |               | -               |       |       |             |       |           |            |              |
|                        |               |                 |       |       |             |       |           |            |              |
|                        |               |                 |       |       |             |       |           |            |              |
| SUPPORTING FAC         | CILITI        | ES              |       |       |             |       |           |            | 3,409        |
| Electric Servi         |               | <del></del>     | LS    |       |             |       |           |            | (1,400)      |
| Water, Sewer,          |               |                 | LS    |       |             |       |           |            | (1,000)      |
| Paving, Walks,         |               | s & Gutters     | LS    |       |             |       |           |            | (25)         |
| Site Imp( 80           |               |                 | LS    |       |             |       |           |            | (800)        |
| Information Sy         |               | ,               | LS    |       |             |       |           |            | (184)        |
| IIIIOI MACIOII BY      | / B C C III B |                 | шо    |       |             |       |           |            | (101)        |
|                        |               |                 |       |       |             |       |           |            |              |
|                        |               |                 |       |       |             |       |           |            |              |
|                        |               |                 |       |       |             |       |           |            |              |
| ESTIMATED CONT         | יים א כייי    | COCT            |       |       |             |       |           |            | 25,818       |
|                        | (5.00%        |                 |       |       |             |       |           |            |              |
| SUBTOTAL               | (3.00%        | )               |       |       |             |       |           |            | 1,291        |
|                        | ),,<br>       | ND /7 70%)      |       |       |             |       |           |            | 27,109       |
| SUPV, INSP & C         | JVERHE.       | AD (7.70%)      |       |       |             |       |           |            | 2,087        |
| TOTAL REQUEST          | / DOINT       | D   D           |       |       |             |       |           |            | 29,196       |
| TOTAL REQUEST          |               |                 |       |       |             |       |           |            | 29,000       |
| INSTALLED EQT-         |               |                 |       |       |             |       |           |            | ()           |
| 10.Description of Prop |               |                 |       |       | op Housing  |       |           |            |              |
| replace expedi         |               | -               |       |       | _           |       | _         | _          | _            |
| with showers a         |               |                 |       | _     |             |       |           | _          |              |
| pavement, util         | _             |                 |       |       |             | syste | ems. For  | ce Prote   | ction &      |
| Anti-Terrorism         | n meas        | ures will be    | incl  | uded. |             |       |           |            |              |
|                        |               |                 |       |       |             |       |           |            |              |
| 11 PF∩.                | 1 2           | יסת ע זעם חחח   | г.    |       | 6 910 DN    | J CI  | TROTH.    |            | 5 AAA DNI    |

11. REQ: 12,000 PN ADQT: 6,910 PN SUBSTD: 5,090 PN PROJECT: Construct the seventh phase of nine phases of troop housing to replace expeditionary facilities at Bagram, Afghanistan. (Current Mission) REQUIREMENT: Construction of housing facilities are needed to replace expeditionary facilities that have exceeded their life-span, are substandard housing, do not provide adequate protection from harsh weather conditions, and are unsafe and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost effective solution.

CURRENT SITUATION: Many personnel on BAF are housed in expeditionary facilities, such as wood frame structures or tents. These buildings are expeditionary in nature and pose an increased safety and health risk. Several fires have occurred in these structures. In addition, the inefficient mechanical systems do not heat or cool to acceptable standards and consume a

| 1.COMPONENT       |            |        |          |              |         |           | Z.DATE      |
|-------------------|------------|--------|----------|--------------|---------|-----------|-------------|
|                   | FY         | 2011   | MILITARY | CONSTRUCTION | PROJEC: | T DATA    |             |
| ARMY              |            |        |          |              |         |           | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION | ON     |          |              |         |           |             |
|                   |            |        |          |              |         |           |             |
| Bagram Air Bas    | se, Afgl   | hanist | an       |              |         |           |             |
| 4.PROJECT TITLE   |            |        |          |              | 5.      | PROJECT 1 | NUMBER      |
|                   |            |        |          |              |         |           |             |
| Troop Housing,    | , Ph 7     |        |          |              |         |           | 74157       |
|                   |            |        |          |              |         |           |             |

#### CURRENT SITUATION: (CONTINUED)

COMPONENT

disproportionately large amount of electricity.

IMPACT IF NOT PROVIDED: The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these expeditionary facilities will have to be replaced on a case-by-case basis.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

|           |   |  | Project Funding   |
|-----------|---|--|---|
| (PN72271, | Ph  | 1)   | \$16,000  |
| (PN73389, | Ph  | 2)   | \$20,000  |
| (PN72605, | Ph  | 3)   | \$22,000  |
| (PN72606, | Ph  | 4)   | \$23,000  |
| (PN74090, | Ph  | 5)   | \$29,000  |
| (PN74155, | Ph  | 6)   | \$29,000  |
| (PN74157, | Ph  | 7)   | \$29,000  |
| (PN74158, | Ph  | 8)   | \$29,000  |
| (         | Ph  | 9)   | TBD   |
|           | (PN73389,<br>(PN72605,<br>(PN72606,<br>(PN74090,<br>(PN74155,<br>(PN74157,<br>(PN74158, | (PN73389, Ph<br>(PN72605, Ph<br>(PN72606, Ph<br>(PN74090, Ph<br>(PN74155, Ph<br>(PN74157, Ph<br>(PN74158, Ph | (PN72271, Ph 1)<br>(PN73389, Ph 2)<br>(PN72605, Ph 3)<br>(PN72606, Ph 4)<br>(PN74090, Ph 5)<br>(PN74155, Ph 6)<br>(PN74157, Ph 7)<br>(PN74158, Ph 8)<br>( Ph 9) |

# 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | OCT 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 15.00    |
| (C) | Date 35% Designed                                | APR 2010 |
| (d) | Date Design Complete                             | OCT 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | 1 Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications       | 1,383   |
|     | (b)  | All Other Design Costs                       | 691     |
|     | (C)  | Total Design Cost                            | 2,074   |

| 1.COMPONENT       |                     |                          |              | 2.DATE       |         |
|-------------------|---------------------|--------------------------|--------------|--------------|---------|
|                   | FY 2011 MIL         | TARY CONSTRUCTION PROJE  | ECT DATA     |              |         |
| ARMY              | _,                  |                          |              | 23 JAN       | 2010    |
| 3.INSTALLATION AN | ND LOCATION         |                          |              |              | -       |
|                   |                     |                          |              |              |         |
| Bagram Air Bas    | se, Afghanistan     |                          |              |              |         |
| 4.PROJECT TITLE   |                     |                          | 5.PROJECT N  | UMBER        |         |
|                   |                     |                          |              |              |         |
| Troop Housing     | , Ph 7              |                          |              | 7415         | 7       |
|                   |                     |                          |              |              |         |
| 12. SUPPLEMEN     | NTAL DATA: (Continu | ıed)                     |              |              |         |
| A. Estir          | mated Design Data:  | (Continued)              |              |              |         |
|                   | (d) Contract        |                          |              | 1,           | 383     |
|                   | (e) In-house        |                          |              |              | 691     |
|                   |                     |                          |              |              |         |
| (4)               | Construction Contr  | ract Award               |              | JAN 2        | 011     |
|                   |                     |                          |              |              |         |
| (5)               | Construction Start  | 5                        |              | MAR 2        | 011     |
|                   |                     |                          |              |              |         |
| (6)               | Construction Comp   | letion                   |              | <u>MAR 2</u> | 012     |
|                   |                     |                          |              |              |         |
|                   |                     |                          |              |              |         |
|                   | _                   | ith this project which w | will be pr   | ovided from  | m       |
| other approp      | priations:          |                          |              |              |         |
|                   |                     |                          |              | l Year       |         |
| Equipment         |                     | Procuring                | Appro        | -            | Cost    |
| Nomenclati        | ure                 | <u>Appropriation</u>     | <u>Or Re</u> | quested      | (\$000) |
|                   |                     |                          |              |              |         |
|                   |                     | NA                       |              |              |         |

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT            |            |                |       |        |                   |            | 2.DATE      |                        |
|------------------------|------------|----------------|-------|--------|-------------------|------------|-------------|------------------------|
|                        | FY 2       | 011 MII        | JITAR | Y COI  | NSTRUCTION PRO    | OJECT DATA |             |                        |
| ARMY                   |            |                |       |        |                   |            | 23          | JAN 2010               |
| 3.INSTALLATION AN      | D LOCAT    | ION            |       |        | 4.PROJECT TI      | TLE        | •           |                        |
| Bagram Air Bas         | se         |                |       |        |                   |            |             |                        |
| Afghanistan            |            |                |       |        | Troop Hous        | sing, Ph 8 |             |                        |
| 5.PROGRAM ELEMENT      | ı          | 6.CATEGORY COD | E     | 7.F    | ROJECT NUMBER     |            | COST (\$00  | 0)                     |
|                        |            |                |       |        |                   | Auth       | 29,         | 000                    |
| 01010A                 |            | 721            |       |        | 74158             | Approp     | 29,         |                        |
| 0101011                |            | 721            | 9     | . COST | ESTIMATES         |            | 201         |                        |
|                        | TODA       |                | 1     |        |                   | m17        | TRITE COOR  | GOGE (\$000)           |
| PRIMARY FACILI         | ITEM<br>TV |                | UM    | (M/E)  | QUANTI            | 11         | UNIT COST   | COST (\$000)<br>22,397 |
| Troop Housing          |            |                | m 2   | (SF)   | 10 201 (          | 195,914)   | 1,086       |                        |
| Antiterrorism          | Moogu      | ro a           | LS    | (51.)  | 10,201 (          | 193,914)   |             | (2,015)                |
|                        |            |                |       |        |                   | _          |             |                        |
| Building Infor         | macio      | n systems      | LS    |        |                   | -          |             | (616)                  |
|                        |            |                |       |        |                   |            |             |                        |
|                        |            |                |       |        |                   |            |             |                        |
|                        |            |                |       |        |                   |            |             |                        |
| SUPPORTING FAC         |            | <u>ES</u>      |       |        |                   |            |             | 3,405                  |
| Electric Servi         |            |                | LS    |        |                   | _          |             | (1,400)                |
| Water, Sewer,          | Gas        |                | LS    |        |                   | -          |             | (1,000)                |
| Paving, Walks,         | Curb       | s & Gutters    | LS    |        |                   | _          |             | (25)                   |
| Site Imp( 80           | 00) De     | mo( )          | LS    |        |                   |            |             | (800)                  |
| Information Sy         | stems      |                | LS    |        |                   | _          |             | (180)                  |
|                        |            |                |       |        |                   |            |             |                        |
|                        |            |                |       |        |                   |            |             |                        |
|                        |            |                |       |        |                   |            |             |                        |
|                        |            |                |       |        |                   |            |             |                        |
| ESTIMATED CONT         | TRACT      | COST           |       |        |                   |            |             | 25,802                 |
|                        | (5.00%     |                |       |        |                   |            |             | 1,290                  |
| SUBTOTAL               | (3.000     | ,              |       |        |                   |            |             | 27,092                 |
| SUPV, INSP & C         | VILD II E  | 70° 7) UK      |       |        |                   |            |             | 2,086                  |
|                        | V EKHE.    | AD (7.70%)     |       |        |                   |            |             |                        |
| TOTAL REQUEST          | / DOINT    | DED)           |       |        |                   |            |             | 29,178                 |
| TOTAL REQUEST          |            |                |       |        |                   |            |             | 29,000                 |
| INSTALLED EQT-         |            |                |       |        |                   |            |             | ()                     |
| 10.Description of Prop |            |                |       |        | roop Housing      |            |             |                        |
| replace expedi         |            |                |       |        |                   |            |             |                        |
| with showers a         |            |                |       | _      |                   |            | _           |                        |
| pavement, util         | _          |                |       |        | <del>-</del>      | stems. For | ce Prote    | ction &                |
| Anti-Terrorism         | n meas     | ures will be   | inc   | lude   | i.                |            |             |                        |
|                        |            |                |       |        |                   |            |             |                        |
| 11. REQ:               | 12         | ,000 PN ADQ    | T:    |        | 8,430 PN          | SUBSTD:    |             | 3,570 PN               |
| PROJECT: Cons          | struct     | the eighth     | phas  | e of   | nine phases       | of troop h | ousing t    | 0                      |
| replace expedi         |            |                |       |        |                   |            |             |                        |
| REQUIREMENT:           |            |                |       |        | facilities are    |            |             |                        |
| expeditionary          |            |                |       |        |                   |            |             |                        |
| housing, do no         |            |                |       |        |                   |            |             |                        |
| are unsafe and         | _          | _              | _     |        |                   |            |             |                        |
| block construc         |            |                |       |        |                   |            |             |                        |
|                        |            | or rerocatat   | TE D  | итта.  | riida' miirciiene | er brovide | p cite iii0 | at COSL                |
| effective solu         |            | M = -:         |       |        | 27 F              | a 2 a      | 2 4 2       |                        |
| CURRENT SITUAT         | TON:       | many perso     | nnel  | on l   | BAF are house     | ı ın exped | ıtıonary    |                        |

expeditionary in nature and pose an increased safety and health risk. Several

mechanical systems do not heat or cool to acceptable standards and consume a

facilities, such as wood frame structures or tents. These buildings are

fires have occurred in these structures. In addition, the inefficient

| 1.COMPONENT                  |            |      |          |              |         |       | 2.DATE      |  |
|------------------------------|------------|------|----------|--------------|---------|-------|-------------|--|
|                              | FY         | 2011 | MILITARY | CONSTRUCTION | PROJECT | DATA  |             |  |
| ARMY                         |            |      |          |              |         |       | 23 JAN 2010 |  |
| 3.INSTALLATION AN            | ID LOCATIO | N    |          |              |         |       |             |  |
|                              |            |      |          |              |         |       |             |  |
| Bagram Air Base, Afghanistan |            |      |          |              |         |       |             |  |
| 4.PROJECT TITLE 5.PROJECT N  |            |      |          |              |         | UMBER |             |  |
|                              |            |      |          |              |         |       |             |  |
| Troop Housing,               | , Ph 8     |      |          |              |         |       | 74158       |  |

## CURRENT SITUATION: (CONTINUED)

disproportionately large amount of electricity.

IMPACT IF NOT PROVIDED: The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements; they cannot maintain recommended room temperatures. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these expeditionary facilities will have to be replaced on a case-by-case basis.

All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

|      |           |    |    | Project Funding |
|------|-----------|----|----|-----------------|
| 2008 | (PN72271, | Ph | 1) | \$16,000        |
| 2009 | (PN73389, | Ph | 2) | \$20,000        |
| 2010 | (PN72605, | Ph | 3) | \$22,000        |
| 2011 | (PN72606, | Ph | 4) | \$23,000        |
| 2011 | (PN74090, | Ph | 5) | \$29,000        |
| 2011 | (PN74155, | Ph | 6) | \$29,000        |
| 2011 | (PN74157, | Ph | 7) | \$29,000        |
| 2011 | (PN74158, | Ph | 8) | \$29,000        |
| FYDP | (         | Ph | 9) | TBD             |
|      |           |    |    |                 |

# 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | OCT 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 15.00    |
| (C) | Date 35% Designed                                | APR 2010 |
| (d) | Date Design Complete                             | OCT 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | 1 Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications           | 1,382   |
|     | (b)  | All Other Design Costs                           | 691     |
|     | (C)  | Total Design Cost                                | 2,073   |

| 1.COMPONENT   | FY 2011 MILIT        | ARY CONSTRUCTION PROJE | מידמת ייטי  | 2.DATE          |  |  |  |
|---|----------------------|------------------------|-------------|-----------------|--|--|--|
| ARMY  | II ZOII MIDII        | ART CONSTRUCTION TROOT | ICI DAIA    | 23 JAN 2010     |  |  |  |
| 3.INSTALLATION AN   | D LOCATION           |                        |             |                 |  |  |  |
|   |                      |                        |             |                 |  |  |  |
| Bagram Air Bas  | se, Afghanistan      |                        |             |                 |  |  |  |
| 4.PROJECT TITLE   |                      |                        | 5.PROJECT N | UMBER           |  |  |  |
| L   | -1 -                 |                        |             |                 |  |  |  |
| Troop Housing   | Ph 8                 |                        |             | 74158           |  |  |  |
| 12. SUPPLEMEN   | JTAL DATA: (Continue | .d)                    |             |                 |  |  |  |
|   | nated Design Data: ( | •                      |             |                 |  |  |  |
| A. Esci   | 5                    |                        |             | 1 382           |  |  |  |
|   |                      |                        |             |                 |  |  |  |
|   | ( ) ,                |                        |             |                 |  |  |  |
| (4)   | Construction Contra  | ct Award               |             | <u>JAN 2011</u> |  |  |  |
| (5)   | Construction Start.  |                        |             | <u>APR 2011</u> |  |  |  |
| (6)   | Construction Comple  | tion                   |             | <u>APR 2012</u> |  |  |  |
|   |                      |                        |             |                 |  |  |  |
| B. Equipment associated with this project which will be provided from other appropriations: |                      |                        |             |                 |  |  |  |
| Other approp  | Difactons:           |                        | Figgs       | l Year          |  |  |  |
| Equipment   |                      | Procuring              | 1 1000      | priated Cost    |  |  |  |
| Nomenclati  | ire                  | Appropriation          |             | quested (\$000) |  |  |  |
|   | <del></del>          |                        | == 110      | (42007          |  |  |  |
|   |                      | NA                     |             |                 |  |  |  |

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT            |            |                |          |         |                  |          | 2.DATE                 | 1            |  |  |
|------------------------|------------|----------------|----------|---------|------------------|----------|------------------------|--------------|--|--|
| 2.33111 0111111        | FY 2       | 011 MTT.       | ITARY    | CONS    | TRUCTION PROJ    | ECT DATA |                        |              |  |  |
| ARMY                   |            | 011 1111       |          | . 001.0 | 1110011011 11100 |          |                        | JAN 2010     |  |  |
| 3.INSTALLATION AN      | D LOCAT    | ION            |          |         | 4.PROJECT TITL   | E        |                        | 01111 2010   |  |  |
| Bagram Air Bas         | se.        |                |          |         |                  |          |                        |              |  |  |
| Afghanistan            |            |                |          |         | Dining Faci      | lity     |                        |              |  |  |
| 5.PROGRAM ELEMENT      | 1          | 6.CATEGORY COD |          |         |                  |          | 8.PROJECT COST (\$000) |              |  |  |
|                        |            |                |          |         |                  | Auth     | 2                      | 650          |  |  |
| 01010A 722             |            |                |          |         | 74925            | Approp   |                        | 650          |  |  |
| 0101011                |            | ,              | 9.       | COST ES | TIMATES          |          |                        |              |  |  |
|                        | ITEM       |                | TTM      | (M/E)   | OUANTITY         |          | UNITCOST               | COST (\$000) |  |  |
| PRIMARY FACILI         | 01-1       | (11/11/        | QOANTITI |         | ONTT CODT        | 1,370    |                        |              |  |  |
| -<br>Dining Facilit    | m2 (       | (SF)           | 588 (    | 6,329)  | 2,285            | (1,344)  |                        |              |  |  |
| Building Infor         | n Systems  | LS             | ` '      |         | , ,              |          | (26)                   |              |  |  |
| 3                      |            | -              |          |         |                  |          |                        |              |  |  |
|                        |            |                |          |         |                  |          |                        |              |  |  |
|                        |            |                |          |         |                  |          |                        |              |  |  |
|                        |            |                |          |         |                  |          |                        |              |  |  |
| SUPPORTING FAC         | CILITI     | ES             |          |         |                  |          |                        | 991          |  |  |
| Electric Servi         |            |                | LS       |         |                  |          |                        | (446)        |  |  |
| Water, Sewer,          | Gas        |                | LS       |         |                  |          |                        | (265)        |  |  |
| Paving, Walks,         |            | s & Gutters    | LS       |         |                  |          |                        | (80)         |  |  |
| Storm Drainage         |            |                | LS       |         |                  |          |                        | (20)         |  |  |
| Site Imp( 5            | 58) De     | mo()           | LS       |         |                  |          |                        | (58)         |  |  |
| Information Sy         | stems      |                | LS       |         |                  |          |                        | (102)        |  |  |
| Antiterrorism          | Measu      | res            | LS       |         |                  |          |                        | (20)         |  |  |
|                        |            |                |          |         |                  |          |                        |              |  |  |
|                        |            |                |          |         |                  |          |                        |              |  |  |
| ESTIMATED CONT         | TRACT      | COST           |          |         |                  |          | _                      | 2,361        |  |  |
| CONTINGENCY            | (5.00%     | )              |          |         |                  |          |                        | 118          |  |  |
| SUBTOTAL               |            |                |          |         |                  |          |                        | 2,479        |  |  |
| SUPV, INSP & C         | OVERHE     | AD (7.70%)     |          |         |                  |          |                        | 191          |  |  |
| TOTAL REQUEST          |            |                |          |         |                  |          |                        | 2,670        |  |  |
| TOTAL REQUEST          | (ROUN      | DED)           |          |         |                  |          |                        | 2,650        |  |  |
| INSTALLED EQT-         | -OTHER     | APPROP         |          |         |                  |          |                        | ()           |  |  |
| 10.Description of Prop | osed Const | truction Con   | struc    | t a D   | ining Facilit    | y. Prima | rv facil               | itv          |  |  |

10.Description of Proposed Construction Construct a Dining Facility. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water and sewage distribution systems, mechanical systems, and building information systems. Feeding capacity should be at least 1,000 persons per meal. Kitchen equipment will be designed and procured as part of the project. Supporting facilities include roads, curbs, walkways, drainage, and parking. Furniture and moveable equipment will be purchased with other funding. Antiterrorism/Force Protection measures will be included.

<u>REQUIREMENT:</u> The US Forces population on Bagram Air Base will increase through the end of FY 2010. This installation does not have adequate dining facilities to support this surge in population.

<u>CURRENT SITUATION:</u> Currently US Forces are utilizing a number of Harvest Falcon and Force Provider assets to meet the dining facility requirements for the base population. As the base population continues to expand, these expeditionary assets will become strained and will not be sufficient to handle the added capacity. This project will provide the additional facilities

| I. COMI ONDINI    |            |        |          |              |        |            | Z.DAIL |       |      |
|-------------------|------------|--------|----------|--------------|--------|------------|--------|-------|------|
|                   | FY         | 2011   | MILITARY | CONSTRUCTION | PROJEC | T DATA     |        |       |      |
| ARMY              |            |        |          |              |        |            | 23     | JAN 2 | 2010 |
| 3.INSTALLATION AN | D LOCATION | ON     |          |              |        |            | •      |       |      |
|                   |            |        |          |              |        |            |        |       |      |
| Bagram Air Bas    | se, Afg    | hanist | an       |              |        |            |        |       |      |
| 4.PROJECT TITLE   |            |        |          |              | 5      | .PROJECT N | NUMBER |       |      |
|                   |            |        |          |              |        |            |        |       |      |
| Dining Facilit    | СУ         |        |          |              |        |            | 7      | 4925  |      |
|                   |            | ·      |          |              |        |            |        |       |      |

CURRENT SITUATION: (CONTINUED)

necessary to meet this requirement.

IMPACT IF NOT PROVIDED: If this project is not funded, personnel will not have an adequate Dining Facility to provide meals to 1000 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook, serve and partake in meals, personnel are subject to unnecessary health risks; this will significantly degrade their capabilities resulting in decreased operating capacity.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | MAR 2010 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | .00      |
| (C) | Date 35% Designed                                | OCT 2010 |
| (d) | Date Design Complete                             | APR 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

|     | (a)        | Standard or Definitive Design: NO                             |          |
|-----|------------|---|----------|
| (3) |            | 1 Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ :                  | (\$000)  |
|     | (a)<br>(b) | Production of Plans and Specifications All Other Design Costs |          |
|     | (c)        | Total Design Cost   |          |
|     | (d)        | Contract  |          |
|     | (e)        | In-house  | 49       |
| (4) | Cons       | truction Contract Award                                       | JUN 2011 |
| (5) | Cons       | truction Start  | AUG 2011 |

| I.COMPONENT       | FY 20      | ∩11 MTT Tጥ7 | ARY CONSTR | IICTT ON | DDO.TECT | עיייע    | 2.DATE |       |      |
|-------------------|------------|-------------|------------|----------|----------|----------|--------|-------|------|
| ARMY              | F1 Z(      | <u> </u>    | ART CONSTR | OCTION   | PRODECT  | DATA     | 23     | JAN 2 | 2010 |
| 3.INSTALLATION AN | D LOCATION |             |            |          |          | •        |        |       |      |
|                   |            |             |            |          |          |          |        |       |      |
| Bagram Air Bas    | se, Afghar | nistan      |            |          |          |          |        |       |      |
| 4.PROJECT TITLE   |            |             |            |          | 5.E      | ROJECT N | UMBER  |       |      |
|                   |            |             |            |          |          |          |        |       |      |
| Dining Facilit    | -y         |             |            |          |          |          | 7      | 4925  |      |
|                   |            |             |            |          |          |          |        |       |      |

# 12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT            |              |                 |      |        |                 |           | 2.DATE     |               |
|------------------------|--------------|-----------------|------|--------|-----------------|-----------|------------|---------------|
| 1. COMPONENT           | FY 2         | 011 MIL:        | ITAR | Y COI  | NSTRUCTION PROJ | ECT DATA  |            |               |
| ARMY                   | _            |                 |      |        |                 |           |            | JAN 2010      |
| 3.INSTALLATION AN      | D LOCAT      | CION            |      |        | 4.PROJECT TITLE | 3         | *          |               |
| Bagram Air Bas         | se           |                 |      |        |                 |           |            |               |
| Afghanistan            |              |                 |      |        | Task Force      | Freedom   | Compound   |               |
| 5.PROGRAM ELEMENT      | 1            | 6.CATEGORY CODE | 3    | 7.F    | PROJECT NUMBER  | 8.PROJECT | COST (\$00 | 0)            |
|                        |              |                 |      |        |                 | Auth      | 18,        | 000           |
| 01010A                 |              | 131             |      |        | 75509           | Approp    | 18,        | 000           |
|                        |              |                 | 9    | .COST  | ESTIMATES       |           |            |               |
|                        | ITEM         |                 | UM   | (M/E)  | QUANTITY        |           | UNITCOST   | COST (\$000)  |
| PRIMARY FACIL          |              |                 |      |        |                 |           |            | 13,205        |
| Brigade Headqu         |              |                 |      | (SF)   | 920 (           | 9,903)    |            |               |
| Joint NETOPS (         |              |                 |      | (SF)   | 2,232 (         | 24,025)   | 3,658      |               |
| Entry Control          |              |                 | LS   |        |                 |           |            | (200)         |
| Antiterrorism          |              |                 | LS   |        |                 |           |            | (1,600)       |
| Building Infor         | rmatio       | n Systems       | LS   |        |                 |           |            | (443)         |
|                        |              |                 |      |        |                 |           |            |               |
| SUPPORTING FAC         |              | <u>ES</u>       |      |        |                 |           |            | 2,855         |
| Electric Servi         |              |                 | LS   |        |                 |           |            | (468)         |
| Water, Sewer,          |              |                 | LS   |        |                 |           |            | (383)         |
| Paving, Walks,         |              | s & Gutters     | LS   |        |                 |           |            | (650)         |
| Storm Drainage         |              | ,               | LS   |        |                 |           |            | (175)         |
| Site Imp( 48           |              |                 | LS   |        |                 |           |            | (480)         |
| Information Sy         |              |                 | LS   |        |                 |           |            | (549)         |
| Antiterrorism          | Measu        | res             | LS   |        |                 |           |            | (150)         |
|                        |              |                 |      |        |                 |           |            | l             |
| ESTIMATED CONT         | רם ז כייי    | COCT            |      |        |                 |           |            | 16,060        |
|                        | (5.00%       |                 |      |        |                 |           |            |               |
| SUBTOTAL               | (3.00%       | ,               |      |        |                 |           |            | 803<br>16,863 |
| SUPV, INSP & (         | NIEDUE       | 7D (7 70%)      |      |        |                 |           |            | 1,298         |
| TOTAL REQUEST          | 7 V 11.11111 | AD (7.70%)      |      |        |                 |           |            | 18,161        |
| TOTAL REQUEST          | ( DOIIN      | חבט /           |      |        |                 |           |            | 18,000        |
| INSTALLED EQT-         |              |                 |      |        |                 |           |            | 18,000        |
| 10.Description of Prop |              |                 | gt m | ıct a  | compound for T  | agk Forc  |            | ( )           |
|                        |              |                 |      |        | lude a Signal B |           |            | nd            |
|                        |              |                 |      |        | tions(NETOPS) C |           |            |               |
|                        | _            |                 |      | _      | gate, and guar  |           |            | 2,00,7        |
| _                      |              |                 |      | _      | site preparati  |           |            | wavs.         |
| and utilities          |              |                 |      |        | and proposition | , F       |            |               |
|                        |              |                 |      |        |                 |           |            |               |
| 11. REQ:               | 2            | ,232 m2 ADQ'    | Г:   |        | NONE S          | UBSTD:    |            | 2,232 m2      |
| PROJECT: Cons          |              |                 |      | edom ( | Compound at Bag |           |            |               |
| Afghanistan.           |              |                 |      |        |                 |           |            |               |
| REQUIREMENT:           |              |                 | faci | litie  | es is required  | to conso  | lidate a   | 11            |
| signal assets          |              |                 |      |        | The facilites   |           |            |               |
|                        |              |                 |      |        | nal Battalion,  |           |            |               |
|                        |              | _               |      | _      | TTSB is to sup  |           | _          | _             |
| _                      |              |                 |      |        | d network manag |           |            |               |
|                        |              |                 |      |        | f US FORCES-Afg |           |            |               |
| CURRENT SITUAT         |              |                 |      |        | are not adequa  |           |            | e Joint       |
|                        |              |                 |      |        | al Battalion's  |           |            |               |
|                        |              |                 |      |        | edom and its gr |           |            |               |
| importance in          |              |                 |      |        |                 | -         |            |               |

| 1.COMPONENT       |            |        |          |              |        |            | 2.DATE      |
|-------------------|------------|--------|----------|--------------|--------|------------|-------------|
|                   | FY 2       | 2011   | MILITARY | CONSTRUCTION | PROJEC | T DATA     |             |
| ARMY              |            |        |          |              |        |            | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION | 1      |          |              |        |            |             |
|                   |            |        |          |              |        |            |             |
| Bagram Air Bas    | se, Afgha  | anista | ın       |              |        |            |             |
| 4.PROJECT TITLE   |            |        |          |              | 5      | .PROJECT N | IUMBER      |
|                   |            |        |          |              |        |            |             |
| Task Force Fre    | eedom Cor  | mpound | Į        |              |        |            | 75509       |

<u>IMPACT IF NOT PROVIDED:</u> Task Force Freedom will continue to be split amongst various facilities throughout Bagram Air Base, making command and control difficult and reducing their mission effectiveness.

<u>ADDITIONAL:</u> All required physical security and anti-terrorism /force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (c) | Date 35% Designed                                | APR 2010 |
| (d) | Date Design Complete                             | OCT 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a) + (b) OR (d) + (e):

|            | (a) Production of Plans and Specifications | 623      |
|------------|--|----------|
|            | (b) All Other Design Costs                 | 312      |
|            | (c) Total Design Cost                      | 935      |
|            | (d) Contract                               | 623      |
|            | (e) In-house                               | 312      |
| (4)<br>(5) | Construction Contract Award                |          |
| (5)        | Construction Start                         | MAR 2011 |
| (6)        | Construction Completion                    | MAR 2012 |

(\$000)

| 1.COMPONENT       | FY        | 2011   | MTT <sub>1</sub> TTARY | CONSTRUCTION    | PROJE  | СТ ПАТА          | 2.DATE |       |     |
|-------------------|-----------|--------|------------------------|-----------------|--------|------------------|--------|-------|-----|
| ARMY              | 1 1       | 2011   |                        | 001.011.001101. | 111002 | 01 211111        | 23     | JAN 2 | 010 |
| 3.INSTALLATION AN | D LOCATIO | N      |                        |                 |        |                  | •      |       |     |
|                   |           |        |                        |                 |        |                  |        |       |     |
| Bagram Air Bas    | se, Afgh  | nanist | an                     |                 | _      |                  |        |       |     |
| 4.PROJECT TITLE   |           |        |                        |                 |        | 5.PROJECT NUMBER |        |       |     |
|                   |           |        |                        |                 |        |                  |        |       |     |
| Task Force Fre    | eedom Co  | mpoun  | d                      |                 |        |                  | •      | 75509 |     |
|                   |           |        |                        |                 |        |                  |        |       |     |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT        |   |                 |          |        |                 |           | 2.DATE     |              |
|--------------------|---|-----------------|----------|--------|-----------------|-----------|------------|--------------|
|                    | FY 2  | 011 MILI        | TARY     | CONS   | TRUCTION PROJ   | ECT DATA  |            |              |
| ARMY               |   |                 |          |        |                 |           | 23         | JAN 2010     |
| 3.INSTALLATION AND | D LOCAT   | ION             |          |        | 4.PROJECT TITLE | 3         | •          |              |
| Bagram Air Bas     | e   |                 |          |        |                 |           |            |              |
| Afghanistan        |   |                 |          |        | Tanker Truck    | k Off-Loa | d Facil    | ity          |
| 5.PROGRAM ELEMENT  |   | 6.CATEGORY CODE |          | 7.PRC  | JECT NUMBER     | 8.PROJECT | COST (\$00 | 0)           |
|                    |   | 1               |          |        |                 | Auth      | 5,         | 700          |
| 01010A             |   | 126             |          |        | 77067           | Approp    | 5,         | 700          |
|                    |   |                 | 9.C      | OST ES | STIMATES        |           |            |              |
|                    | ITEM  |                 | UM (N    | M/E)   | QUANTITY        | 1         | UNITCOST   | COST (\$000) |
| PRIMARY FACILI     | TY  | •               |          |        |                 |           |            | 4,830        |
| Adjacent JP8 a     | nd DF   | 2 Lines         | LS       |        |                 |           |            | (1,600)      |
| Lines to Bypas     | s 30K   | Tanks           | LS       |        |                 |           |            | (110)        |
| Pumps for Down     | Sites   | EA              |          | 2      |                 | 400,000   | (800)      |              |
| Pumps for Adja     | Lines   | EA              |          | 2      |                 | 400,000   | (800)      |              |
| Training/Testi     | mmissioning   | LS              |          |        |                 |           | (320)      |              |
| Utilities, Fil     | FY 2011  ARMY  INSTALLATION AND LOCATION  Gram Air Base  Ghanistan  ROGRAM ELEMENT  O10A  ITEM  IMARY FACILITY  Jacent JP8 and DF2 Lines  THES TO DESCRIPT TO THE SECONDAL  PORTING FACILITIES  TO THE SECONDAL  TIMATED CONTRACT COST  NOTINGENCY (5.00%)  BIOTAL  PV, INSP & OVERHEAD (7.70)  TAL REQUEST  TAL REQUEST  TAL REQUEST (ROUNDED)  STALLED EQT-OTHER APPROP |                 | LS       |        |                 |           |            | (1,200)      |
| SUPPORTING FAC     | ILITI   | ES              |          |        |                 |           |            | 210          |
| Site Imp( 21       | ITEM  ITEM  ITEM  IMARY FACILITY  Ijacent JP8 and DF2 Lines  nes to Bypass 30K Tanks  imps for Download Sites  imps for Adjacent Lines  raining/Testing/Commission  cilities, Filters, Control  IPPORTING FACILITIES  Ite Imp( 210) Demo(  STIMATED CONTRACT COST  ONTINGENCY (5.00%)  UBTOTAL  IPV, INSP & OVERHEAD (7.7)  OTAL REQUEST                                  |                 |          |        | S               |           |            | (210)        |
|                    |   | ļ               |          |        |                 |           |            |              |
|                    |   | · ·             |          |        |                 |           |            |              |
|                    |   | · ·             |          |        |                 |           |            |              |
|                    |   | ļ               |          |        |                 |           |            |              |
|                    |   | ļ               |          |        |                 |           |            |              |
|                    |   | ļ               |          |        |                 |           |            |              |
|                    |   | ļ               |          |        |                 |           |            |              |
|                    |   |                 |          |        |                 |           |            |              |
| FCTTMATED CONT     | ים א כידי   |                 |          |        |                 |           |            | 5,040        |
|                    |   |                 |          |        |                 |           |            | 252          |
| ,                  | 3.00%   | ,               |          |        |                 |           |            | 5,292        |
|                    | WEDHE   | 7D (7 70%)      |          |        |                 |           |            |              |
|                    | VERHE.  | AD (7.70%)      |          |        |                 |           |            | 407          |
|                    | / DOITH   | , DED /         |          |        |                 |           |            | 5,699        |
|                    |   |                 |          |        |                 |           |            | 5,700        |
|                    |   |                 | <u> </u> |        |                 |           | 12.1.      | (0)          |
|                    |   | _               |          |        | nker Truck Of   |           | _          |              |
|                    |   |                 |          |        |                 |           |            |              |
|                    |   |                 |          |        |                 |           |            |              |
| <del>-</del>       |   |                 |          |        |                 | _         | _          |              |
|                    |   |                 |          | _      |                 |           |            |              |
| Install new pu     | mps to  | o accommodate   | : the    | down   | load sites at   | the TTOF  | . Proje    | ct           |
| includes site      | work,   | utilities, a    | ind co   | ommur  | ications work   | to enhan  | ce the     |              |

efficiency of the current facility.

11. REQ: 4 OL ADQT: NONE SUBSTD: PROJECT: Expand the current Tanker Truck Off-Load Facility (TTOF). Bagram Air Base currently supplies about 75% of the CJOA with Class III Bulk Fuel. Bagram receives about 40-50 (320,000 - 600,000 gal) trucks daily and pushes 30-40 (150,000 - 200,000 gal) trucks per day to support sites within the CJOA, over 100 FOBs and COBs. In order to execute this mission the 45th SB conducts 24-hour operations. The new TTOF was commissioned in order to increase both download and upload operations at Bagram. Modifications are required in order to support the increase of fuel requirements. (Current Mission)

| 1.COMPONENT       | ΕV        | 2011    | MTT.TTNDV | CONSTRUCTION | DDO.TEC' | מידאת י   | 2.DATE |       |      |
|-------------------|-----------|---------|-----------|--------------|----------|-----------|--------|-------|------|
| ARMY              | FI        | 2011    | HILLIANI  | CONSTRUCTION | I ROULC. | DAIA      | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATIO | N       |           |              |          |           | •      |       |      |
| Bagram Air Bas    | se, Afgh  | anista  | ın        |              |          |           |        |       |      |
| 4.PROJECT TITLE   |           |         |           |              | 5        | PROJECT N | IUMBER |       |      |
| Tanker Truck (    | )ff-Load  | l Facil | ity       |              |          |           |        | 77067 | 7    |

Install two transfer lines, one JP8 and one DF2, adjacent to the current lines to provide simultaneous upload and download capabilities. These lines will make it possible to upload tested fuel from the tanks at the south fuel farm instead of drawing from the "stagnant" fuel that would sit in the current single line set up. These lines will allow re-circulation within the underground 30K drop tanks. With the addition of the adjacent lines to the underground 30K tanks it will allow those tanks to remain at the proper levels under the right conditions which will heighten our OPTEMPO, versus having to stop operations once the tank has reached the 16,500 gallon limit due to high and low level alarms and must be refilled to continue operations. Install a new pump for each line to allow fuel to be pushed to the underground 30K tanks and for re-circulation of the system. Install new pumps, or re-configure the current pumps, to be able to support download operations at the ECP1 TTOF. The current TTOF at ECP1 is gravity fed, which may take up time needed while downloading host nation trucks. The pumps being configured to allow for downloading utilizing those pumps would allow for faster service and eliminate some of the leaking coming from the host nation trucks due to the pressure on the valves while being gravity fed. Included with the pumps will need to be all filters, controls and valves to work with the existing TTOF facility. Install lines to bypass the underground 30K tanks to be able to push or receive fuel directly to and from the south fuel farm tanks. These lines can be used for emergencies if the 30K tanks exceed the high level alarms or are depleted.

CURRENT SITUATION: A TTOF was constructed outside of ECP1 to accommodate the need for a permanent upload and download point for the host nation trucks, however it currently is not working efficiently enough to keep up with the Military and user requirements. The TTOF will eliminate the need for up to 40 host nations having to enter the installation on a daily basis. There is currently one JP8 line and one DF2 line. These lines can only support uploading or downloading at any given time. If the facility was required to change from downloads to a sudden surge of uploads, approximately 8,000 gallons of fuel (the volume of the transfer lines between ECP1 and the South Fuel Farm) will never reach the equipment shelter and will never be tested before it is pushed back into the trucks. The current 30K drop tanks at ECP1 only have a real use of 16,500 gallons (due to high and low level alarms) which means only two or three trucks will be able to upload or download before the system has to be shut down to push or pull fuel from these tanks before we can continue mission. The download stations at the ECP1 are currently gravity fed and will take quite some time to complete the downloading of a single truck per station. Relocated missions from Karashi-Khanabad (K2) have increased the fuel requirement from 4.5 to 5.7 million gallons of fuel per month.

IMPACT IF NOT PROVIDED: If not provided, Bagram personnel and assets will continue to be unnecessarily exposed to threats caused by fuel trucks entering the base. The transfer of missions from K2 will cause a critical strain on

| 1.COMPONENT      |  | 2.DATE            |             |
|------------------|--|-------------------|-------------|
|                  | FY 2011 MILITARY CONSTRUCTION PROJE                |                   |             |
| ARMY             |  |                   | 23 JAN 2010 |
| 3.INSTALLATION A | ND LOCATION  |                   |             |
|                  |  |                   |             |
| Bagram Air Ba    | se, Afghanistan                                    |                   |             |
| 4.PROJECT TITLE  |  | 5.PROJECT NU      | MBER        |
|                  |  |                   |             |
| Tanker Truck     | Off-Load Facility                                  |                   | 77067       |
|                  |  |                   |             |
| IMPACT IF NOT    | PROVIDED: (CONTINUED)                              |                   |             |
|                  | ed fuel dispensing and storage resources.          |                   |             |
| ADDITIONAL:      | All required physical security and antite          | manani am / fa    | 277.0       |
|                  |  |                   |             |
| _                | asures will be incorporated. Sustainable p         |                   |             |
|                  | to the development, design, and constructi         |                   |             |
|                  | ential will be incorporated where feasible         |                   |             |
| statement (PFS   | ) will be submitted for this project prior         | to award.         | •           |
|                  |  |                   |             |
| 12. SUPPLEME     | NTAL DATA:   |                   |             |
| A. Esti          | mated Design Data:                                 |                   |             |
| (1)              | Status:  |                   |             |
|                  | (a) Date Design Started                            |                   | NOV 2010    |
|                  | (b) Percent Complete As Of January 2010.           |                   |             |
|                  | (c) Date 35% Designed                              |                   |             |
|                  | (d) Date Design Complete                           |                   |             |
|                  | (e) Parametric Cost Estimating Used to D           |                   |             |
|                  | (f) Type of Design Contract: Design-bid            |                   | NO          |
|                  | (1) Type of Design Concract: Design-blu            | i-bullu           |             |
| (2)              | Basis:   |                   |             |
| (2)              |  |                   |             |
|                  | (a) Standard or Definitive Design: NO              |                   |             |
| /- `             |  | ,                 | (40-5)      |
| (3)              | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ |                   | (\$000)     |
|                  | (a) Production of Plans and Specification          |                   |             |
|                  | (b) All Other Design Costs                         |                   |             |
|                  | (c) Total Design Cost                              |                   | 530         |
|                  | (d) Contract                                       |                   | 265         |
|                  | (e) In-house                                       |                   | 265         |
|                  |  |                   |             |
| (4)              | Construction Contract Award                        |                   | MAR 2011    |
| , ,              |  |                   |             |
| (5)              | Construction Start                                 |                   | APR 2011    |
| (3)              |  |                   |             |
| (6)              | Construction Completion                            |                   | QFD 2011    |
| (0)              | CONSCIUCCION COMPTECION                            | • • • • • • • • • | DEF ZUII    |
| ĺ                |  |                   |             |

| I.COMPONENT       | FY 2011        | MTT.TTADV | CONSTRUCTION | DDO.TEC | ת האת ה    | 2.DATE |       |      |
|-------------------|----------------|-----------|--------------|---------|------------|--------|-------|------|
| ARMY              | F1 2011        | MIDITARI  | CONSTRUCTION | PRODEC  | I DAIA     | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATION     |           |              |         |            | •      |       |      |
|                   |                |           |              |         |            |        |       |      |
| Bagram Air Bas    | se, Afghanista | n.        |              |         |            |        |       |      |
| 4.PROJECT TITLE   | -              |           |              | 5       | .PROJECT N | IUMBER |       |      |
|                   |                |           |              |         |            |        |       |      |
| Tanker Truck C    | off-Load Facil | ity       |              |         |            | -      | 77067 |      |
|                   |                |           |              |         |            |        |       |      |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from

 $\hbox{ other appropriations:}\\$ 

Fiscal Year

Equipment Nomenclature

Procuring Appropriation Appropriated Cost Or Requested (\$000)

NONE

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT  |           |                 |       |        |                |           | 2.DATE     |              |
|--|-----------|-----------------|-------|--------|----------------|-----------|------------|--------------|
|  | FY 2      | 011 MILI        | TARY  | CONS   | STRUCTION PROJ | ECT DATA  |            |              |
| ARMY   |           |                 |       |        | 1              |           | 23         | JAN 2010     |
| 3.INSTALLATION AN  |           | ION             |       |        | 4.PROJECT TITL | Ε         |            |              |
| Bagram Air Bas   | se        |                 |       |        |                |           |            |              |
| Afghanistan  |           | <del>i</del>    |       |        | MP HQ          |           |            |              |
| 5.PROGRAM ELEMENT  |           | 6.CATEGORY CODE |       | 7.PRG  | OJECT NUMBER   |           | COST (\$00 |              |
|  |           |                 |       |        |                | Auth      |            | 800          |
| 01010A   |           | 141             |       |        | 77066          | Approp    | 2,         | 800          |
|  |           |                 | 9.0   | COST E | STIMATES       |           |            |              |
|  | ITEM      |                 | UM (  | (M/E)  | QUANTITY       |           | UNITCOST   | COST (\$000) |
| PRIMARY FACILI   |           | - 131.          |       | a=\    | 1 050 /        | 10 560)   | 4 400      | 1,826        |
| Command And Co   |           | _               | m2 (  | SF)    | 1,260 (        | 13,563)   | 1,432      |              |
| Building Infor   | rmatio    | n Systems       | LS    |        |                |           |            | (22)         |
|  |           |                 |       |        |                |           |            |              |
|  |           |                 |       |        |                |           |            |              |
|  |           |                 |       |        |                |           |            |              |
|  |           |                 |       |        |                |           |            |              |
| SUPPORTING FAC   |           | <u>ES</u>       |       |        |                |           |            | 664          |
| Electric Servi   |           |                 | LS    |        |                |           |            | (300)        |
| Water, Sewer,  |           |                 | LS    |        |                |           |            | (300)        |
| Site Imp( 5  |           |                 | LS    |        |                |           |            | (50)         |
| Information Sy   | rstems    |                 | LS    |        |                |           |            | (14)         |
|  |           |                 |       |        |                |           |            |              |
|  |           |                 |       |        |                |           |            |              |
|  |           |                 |       |        |                |           |            |              |
|  |           |                 |       |        |                |           |            |              |
|  |           |                 |       |        |                |           |            |              |
| ESTIMATED CONT   | RACT      | COST            |       |        |                |           |            | 2,490        |
| CONTINGENCY  | (5.00%    | )               |       |        |                |           |            | 125          |
| SUBTOTAL   |           |                 |       |        |                |           |            | 2,615        |
| SUPV, INSP & C   | VERHE     | AD (7.70%)      |       |        |                |           |            | 201          |
| TOTAL REQUEST  |           |                 |       |        |                |           |            | 2,816        |
| TOTAL REQUEST  | (ROUN     | DED)            |       |        |                |           |            | 2,800        |
| INSTALLED EQT-   | OTHER     | APPROP          |       |        |                |           |            | ()           |
| 10.Description of Propo  | osed Cons | truction Cons   | struc | t a M  | Military Polic | e Headqu  | arters.    | Primary      |
| facilities ind   | clude     | administrativ   | re sp | ace,   | offices, conf  | erence r  | oom(s),    | command      |
| center, commun   | nicati    | on areas and    | entr  | y con  | ntrol space. S | upporting | g facili   | ties         |
| include electr   |           |                 |       |        |                |           |            |              |
| systems, parki   |           |                 |       |        |                |           |            |              |
| Protection mea   |           |                 |       |        |                |           |            |              |
|  |           |                 |       |        |                |           |            |              |
| 11. REQ:   | 1         | ,260 m2 ADQ     | Γ:    |        | NONE S         | UBSTD:    |            | 1,260 m2     |
|  | struct    | a command ar    | nd co | ntrol  | facility to    | support 1 | Military   | Police       |
| Theater Comman   |           |                 |       |        |                |           |            |              |
| Bagram Airfiel   |           | _               |       |        |                | -         | •          | •            |
| REQUIREMENT:   | The       | strategic imp   | orta  | nce c  | of detainee op | erations  | require    | s a flaq     |
| level command  |           |                 |       |        |                |           |            |              |
| commands have  |           |                 |       |        |                |           |            |              |
| and another fo   |           |                 |       |        |                |           |            |              |
| facilities tha   |           |                 |       |        |                |           |            |              |
|  |           |                 |       |        |                |           |            |              |
| with commensurate office space and force protection levels. This HQ will |           |                 |       |        |                |           |            |              |

oversee and ensure proper detention operations, one of the critical aspects of

our counterinsurgency doctrine.

| 1.COMPONENT       | FV        | 2011    | MTT.TTARV | CONSTRUCTION | PROJEC  | מדמת די    | 2.DATE |        |    |
|-------------------|-----------|---------|-----------|--------------|---------|------------|--------|--------|----|
| ARMY              |           | 2011    | HILLIAKI  | CONSTRUCTION | 1100110 | I DIIIA    | 23     | JAN 20 | 10 |
| 3.INSTALLATION AN | D LOCATIO | ON      |           |              |         |            |        |        |    |
|                   |           |         |           |              |         |            |        |        |    |
| Bagram Air Bas    | se, Afgl  | nanista | an        |              | -       |            |        |        |    |
| 4.PROJECT TITLE   |           |         |           |              |         | .PROJECT N | NUMBER |        |    |
|                   |           |         |           |              |         |            |        |        |    |
| MP HQ             |           |         |           |              |         |            |        | 77066  |    |
|                   |           |         | •         | •            |         |            | •      | •      |    |

<u>CURRENT SITUATION:</u> Detainee operations for the Afghanistan Theater are expanding to include a Flag Officer Command. Detention operations will be led

by a three star level commander with a one star deputy commanding general while the MP operations will be led by a one star level commander, all located at DFIP. There are currently no facilities on Bagram or associated with the DFIP that are capable of handling this level of command. If this project is not provided, C2 will be forced IMPACT IF NOT PROVIDED: to operate out of make-shift and temporary facilities that are degraded and inadequate to meet the security, force protection, and sustainable infrastructure needs of the MPHQ. The command direction over daily operations for all US Military Police Forces in Afghanistan will be severely hindered, jeopardizing the overall success of critical missions throughout the theater. All required physical security and antiterrorism/force ADDITIONAL: protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | OCT | 2010 |
|-----|--|-----|------|
| (b) | Percent Complete As Of January 2010              |     | .00  |
| (C) | Date 35% Designed                                | JAN | 2011 |
| (d) | Date Design Complete                             | MAR | 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs |     | NO   |
|     |  |     |      |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:

| (2) | Dabib:  |                   |
|-----|---|-------------------|
|     | (a) Standard or Definitive Design: NO   |                   |
| (3) | Total Design Cost (c) = (a)+(b) OR (d)+(e):  (a) Production of Plans and Specifications.  (b) All Other Design Costs.  (c) Total Design Cost.  (d) Contract.  (e) In-house. | 131<br>262<br>131 |
| (4) | Construction Contract Award   | APR 2011          |
| (5) | Construction Start  | MAY 2011          |
|     |   |                   |

| 1.COMPONENT       | FV        | 2011   | MTT.TTARV | CONSTRUCTION | PROJECT | בידבת י   | 2.DATE |       |      |
|-------------------|-----------|--------|-----------|--------------|---------|-----------|--------|-------|------|
| ARMY              | 11        | 2011   |           |              | 110000  | 211111    | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATIO | N      |           |              |         |           | •      |       |      |
|                   |           |        |           |              |         |           |        |       |      |
| Bagram Air Bas    | se, Afgh  | anista | in        |              |         |           |        |       |      |
| 4.PROJECT TITLE   |           |        |           |              | 5.      | PROJECT N | NUMBER |       |      |
|                   |           |        |           |              |         |           |        |       |      |
| MP HQ             |           |        |           |              |         |           | 7      | 77066 |      |
|                   |           |        |           |              |         |           |        |       |      |

# 12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

1.COMPONENT 2.DATE MILITARY CONSTRUCTION PROJECT DATA FY 2011 ARMY 23 JAN 2010 3.INSTALLATION AND LOCATION 4 PROJECT TITLE Bagram Air Base Afghanistan Role III Hospital 5.PROGRAM ELEMENT 7.PROJECT NUMBER 6.CATEGORY CODE 8.PROJECT COST (\$000) Auth 35,000 Approp 01010A 510 77055 35,000 9.COST ESTIMATES COST (\$000) UM (M/E) QUANTITY UNIT COST PRIMARY FACILITY 26,246 Medical Center/Hospital m2 (SF) 7,100 ( 76,424) 3,680 (26, 130)Building Information Systems T.S \_ \_ (116)SUPPORTING FACILITIES 4,938 Electric Service (1,845)LS Water, Sewer, Gas LS (1,230)Paving, Walks, Curbs & Gutters LS (615)LS Storm Drainage (615)Site Imp( 500) Demo( ) LS (500)Information Systems LS \_ \_ (33)Antiterrorism Measures LS (100)ESTIMATED CONTRACT COST 31,184 CONTINGENCY (5.00%) 1,559 SUBTOTAL 32,743 SUPV, INSP & OVERHEAD (7.70%) 2,521 CATEGORY E EQUIPMENT (0)TOTAL REQUEST 35,264 TOTAL REQUEST (ROUNDED) 35,000 INSTALLED EQT-OTHER APPROP 10.Description of Proposed Construction Construct a new hospital for Bagram Air Base, Afghanistan. Air Conditioning (Estimated 100 kWr/28 Tons). 11. REQ: 7,100 BD ADQT: NONE SUBSTD: 7,100 BD PROJECT: The hospital will have 50 beds, One 20 bed Contingency Aeromedical Staging Facility (CASF), Intensive Care Unit, Intermediate Care Ward, Surgical Suite, Central Material Services, Emergency Room including Trauma, Radiology, Pharmacy, Laboratory, Outpatient Clinic, Dental Clinic, Patient Administration, Ground and Air Ambulance, Orthopedics, Physical Therapy, Optometry, Respiratory Therapy, Preventative Medicine, Veterinary Clinic, Dietary, Logistics, Combat Stress, Chaplain, and Administration. Supporting facilities include medical gases, electrical distribution, transformers, switching gear, water storage tanks, water and sewage distribution systems, and other mechanical systems. Other Supporting facility features include roads, site improvements to include drainage and clearing; and a helipad. (Current Mission) REQUIREMENT: Bagram Air Base, Afghanistan and all surrounding forward operating bases and sites require a Level III hospital to provide health service support to U.S. and Coalition personnel. The Craig Joint Theater

| 1.COMPONENT       | ΕV         | 2011          | MTT.TTNDV | CONSTRUCTION | DDO.TEC | ע הער ה    | 2.DATE |            |
|-------------------|------------|---------------|-----------|--------------|---------|------------|--------|------------|
| ARMY              |            |               | MIDITART  | CONSTRUCTION | FROOLC  | I DAIA     | 23     | 3 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION | Ŋ             |           |              |         |            | •      |            |
|                   |            |               |           |              |         |            |        |            |
| Bagram Air Bas    | se, Afgh   | <u>anista</u> | an        |              |         |            |        |            |
| 4.PROJECT TITLE   |            |               |           |              | 12      | .PROJECT 1 | NUMBER |            |
|                   |            |               |           |              |         |            |        |            |
| Role III Hospi    | ital       |               |           |              |         |            |        | 77055      |

## REQUIREMENT: (CONTINUED)

Hospital construction is not conducive to maintaining a sterile environment, simple or complex maintenance operations, and is not cost effective. The current maximum capacity of 44 beds is inadequate considering the anticipated movement of troops and units into the AOR. An inadequate capacity will require evacuation to another medical facility 250 miles away. There is an additional requirement to increase the hospital inpatient capacity by 10 beds and a 20 bed CASF to meet operational demands.

CURRENT SITUATION: Craig Joint Theater Hospital was not origionally constructed to US standards. The major building systems - including electric, HVAC, plumbing, fire alarm and suppression, and domestic water supply - have serious deficiencies. An analysis of the deficiencies conducted by KBR contractors revealed that an extensive overhaul of the major building systems is necessary to bring the hospital up to code. Additionally, there are serious deficiencies in the building envelope that are atypical for a building built only a few years ago; the floor is caving in and the doors are breaking at an alarming rate leaving the building unsecure. The construction of restroom facilities in modular sections of the hospital are conducive to growth of mold and fungus because of inadequate ventilation which puts staff and patients in these critical areas (ICU/ICW) at risk for allergic reaction and infection. The cost to correct all the building deficiencies while maintaining current operations in the facility will take years and will not be a cost effective undertaking; a MILCON for a hospital that meets standards will cost less than correcting deficiencies in the current facility and adding projects to accommodate an increase in patient load. Furthermore, the current hospital is considered hardened but the roof is not up to ATO standards and it would not withstand a mortar attack.

IMPACT IF NOT PROVIDED: If this project is not provided, the hospital will deteriorate further and lose its current capability to effectively provide healthcare. The contract cost to correct all the deficiencies and protect the building roof from attacks will exceed the cost of building a new facility that meets American standards. Health risks increase the longer the deficient facility is used due to deteriorating sanitary conditions, unreliable HVAC, domestic hot water supply, the risk of fire due to substandard wiring, faulty fire alarm and suppression system, and tripping hazards from holes in the floor flooring.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement(PFS) will be submitted for this project prior to award.

| 1.COM  | PONEN | Т       | _          |         |          |            |                 |           | 2.DA        | ΓE     |            |
|--------|-------|---------|------------|---------|----------|------------|-----------------|-----------|-------------|--------|------------|
|        |       |         | I          | FY 2011 | MILIT    | 'ARY CONS  | TRUCTION PROJ   | ECT DATA  | A           |        |            |
|        | ARMY  | TION AN | D TOGA     | штом    |          |            |                 |           |             | 23 JA  | N 2010     |
| 3.INS  | TALLA | TION AN | и поса     | .TION   |          |            |                 |           |             |        |            |
| Dagas  | am 7  | in Do   | 70 7       | fahania | +        |            |                 |           |             |        |            |
| 4.PRO  |       |         | se, A.     | fghanis | Lall     |            |                 | 5 DROJEC  | CT NUMBER   |        |            |
| 4.11KO | JECI  | 111111  |            |         |          |            |                 | J.IROULC  | or Noribbin |        |            |
| Role   | III   | Hosp:   | ital       |         |          |            |                 |           |             | 770    | )55        |
| 12.    | CIID  | PLEMEI  | ו דגיייני  | DATA •  |          |            |                 |           |             |        |            |
| 12.    | A.    |         |            | Design  | Data.    |            |                 |           |             |        |            |
|        | Λ.    | (1)     | Stati      | _       | Data.    |            |                 |           |             |        |            |
|        |       | ( _ /   | (a)        |         | esian St | arted      |                 |           |             | ОСТ    | 2010       |
|        |       |         | (b)        |         |          |            | January 2010    |           |             |        | .00        |
|        |       |         | (c)        |         |          |            |                 |           |             |        |            |
|        |       |         | (d)        |         |          |            |                 |           |             |        |            |
|        |       |         | (e)        |         |          |            | ating Used to   |           |             |        |            |
|        |       |         | (f)        |         |          |            | ct: Design-bi   |           |             |        |            |
|        |       | (2)     | Basis      | s:      |          |            |                 |           |             |        |            |
|        |       |         | (a)        | Standa  | rd or De | efinitive  | e Design: NO    |           |             |        |            |
|        |       | (3)     | Tota       | l Desig | n Cost   | (c) = (a)  | +(b) OR (d)+(   | (e):      |             | (\$0   | 000)       |
|        |       |         | (a)        | Produc  | tion of  | Plans ar   | nd Specificati  | ons       |             | 1      | .,637      |
|        |       |         | (b)        |         |          |            | 5               |           |             |        |            |
|        |       |         | (C)        |         |          |            |                 |           |             |        | ,947       |
|        |       |         | (d)        | Contra  | ct       |            |                 |           |             | 1      | .,637      |
|        |       |         | (e)        | In-hou  | se       |            |                 |           |             | 1      | .,310      |
|        |       | (4)     | Const      | tructio | n Contra | act Award  | 1               |           |             | _JUN_  | 2011       |
|        |       | (5)     | Const      | tructio | n Start  |            |                 |           |             | JUL    | 2011       |
|        |       | (6)     | Const      | tructio | n Comple | etion      |                 |           |             | DEC    | 2012       |
|        | в.    | Fouri   | omont      | aggogi  | atod wit | -h +hia r  | project which   | will bo   | provid      | lod fr | com        |
| ot]    |       | approp  | •          |         | acca WI  | C-11TO F   | ,10,000 WIIICII |           | -           |        |            |
|        |       | _       |            |         |          |            |                 | = =       | scal Ye     |        | <b>~</b> . |
|        | _     | pment   |            |         |          | Procuri    | -               |           | propria     |        | Cost       |
| -      | nome  | nclati  | <u>ire</u> |         |          | Appropr    | Tation          | <u>Or</u> | Reques      | riea   | (\$000)    |
|        |       |         |            |         |          | N <i>P</i> | 1               |           |             |        |            |
|        |       |         |            |         |          |            |                 |           |             |        |            |
|        |       |         |            |         |          |            |                 |           |             |        |            |
|        |       |         |            |         |          |            |                 |           |             |        |            |

Installation Engineer: LTC Martin Norvel

| ARMY  3.INSTALLATION AND LOCATION 4.PROJECT TITLE 4.PROJECT TITLE 5.PROJECT NUMBER 5.PROJECT COST (\$000) Auth 2,600 Approp 2,600  7.7056  9.COST ESTIMATES  1.TEM UNITCOST COST (\$000) 1.TEM 1.TEM UNITCOST COST (\$001) 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TEM 1.TOST |                   |         |             |      |        |        |           |             |          |           |              |
|---|-------------------|---------|-------------|------|--------|--------|-----------|-------------|----------|-----------|--------------|
| ARMY  | 1.COMPONENT       |         |             |      |        |        |           |             |          | 2.DATE    |              |
| A PROJECT TITLE   Support Number   A PROJECT TITLE   Support Cost (\$0.00)  |                   | FY 2    | 011 MILI    | TAF  | RY CON | ST     | 'RUC'     | rion proj   | ECT DATA |           |              |
| Bagram Air Base   |                   |         |             |      |        |        |           |             |          | 23        | JAN 2010     |
| Afghanistan   | 3.INSTALLATION AN | D LOCAT | 'ION        |      |        |        | 4.PR      | ROJECT TITL | E        |           |              |
| S.PROGRAM ELEMENT   | Bagram Air Bas    | se      |             |      |        |        |           |             |          |           |              |
| Note  | Afghanistan       |         |             |      |        |        | Vet       | c Clinic    | & Kennel |           |              |
| SUPPORTING FACILITIES   LS  | 5.PROGRAM ELEMENT |         | 7.PH        | ROJ  | ECT 1  | NUMBER | 8.PROJECT | COST (\$00  | 00)      |           |              |
| SUPPORTING FACILITIES   LS       (15)   |                   |         |             |      |        |        |           |             | Auth     | 2,        | 600          |
| TIEM  | 01010a 530        |         |             |      |        |        | 770       | 056         | Approp   | 2,        | 600          |
| RIMARY FACILITY   |                   |         |             | 9    | .COST  | EST    | 'IMATI    | ES          |          |           |              |
| Note  |                   |         |             | UM   | (M/E)  |        |           | QUANTITY    |          | UNIT COST | COST (\$000) |
| Building Information Systems   LS   | PRIMARY FACILI    | TY      |             |      |        |        |           |             |          |           | 1,797        |
| SUPPORTING FACILITIES   LS  | Veterinary Fac    | cility  |             | m2   | (SF)   |        |           | 330 (       | 3,552)   | 5,400     | (1,782)      |
| Electric Service  | Building Infor    | rmatio  | n Systems   | LS   |        |        |           |             |          |           | (15)         |
| Electric Service  |                   |         |             |      |        |        |           |             |          |           |              |
| Electric Service  |                   |         |             |      |        |        |           |             |          |           |              |
| Electric Service  |                   |         |             |      |        |        |           |             |          |           |              |
| Electric Service  |                   |         |             |      |        |        |           |             |          |           |              |
| Electric Service  | SUPPORTING FAC    | CILITI  | ES          |      |        |        |           |             |          |           | 485          |
| Paving, Walks, Curbs & Gutters   LS   |                   |         |             | LS   |        |        |           |             |          |           | (157)        |
| Paving, Walks, Curbs & Gutters   LS   | Water, Sewer,     | Gas     |             | LS   |        |        |           |             |          |           | (76)         |
| Storm Drainage  |                   |         | s & Gutters | LS   |        |        |           |             |          |           |              |
| Site Imp( 61) Demo( ) LS  |                   |         |             |      |        |        |           |             |          |           |              |
| Information Systems  LS  (7) Antiterrorism Measures  LS  (51) Communications (Information Sys LS  ESTIMATED CONTRACT COST  CONTINGENCY (5.00%)  SUBTOTAL  SUPV, INSP & OVERHEAD (7.70%)  CATEGORY E EQUIPMENT  TOTAL REQUEST  TOTAL REQUEST (ROUNDED)  INSTALLED EQT-OTHER APPROP  10.Description of Proposed Construction  LS  (51)  2,282  2,282  2,396  (0)  2,396  (0)  2,580  (1)  2,580  (1)  2,600  (1)  10.Description of Proposed Construction  Construct a Veterinary Clinic and Kennel. This   | _                 |         | mo()        |      |        |        |           |             |          |           |              |
| Antiterrorism Measures LS (51) Communications (Information Sys LS (51)  ESTIMATED CONTRACT COST CONTINGENCY (5.00%) SUBTOTAL SUBTOTAL SUPV, INSP & OVERHEAD (7.70%) CATEGORY E EQUIPMENT TOTAL REQUEST TOTAL REQUEST TOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROP  10.Description of Proposed Construction Construct a Veterinary Clinic and Kennel. This   |                   |         |             |      |        |        |           |             |          |           |              |
| Communications (Information Sys LS (51)  ESTIMATED CONTRACT COST CONTINGENCY (5.00%) SUBTOTAL SUBTOTAL SUPV, INSP & OVERHEAD (7.70%) CATEGORY E EQUIPMENT TOTAL REQUEST TOTAL REQUEST TOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROP  10.Description of Proposed Construction Construct a Veterinary Clinic and Kennel. This  |                   |         |             |      |        |        |           |             |          |           |              |
| ESTIMATED CONTRACT COST CONTINGENCY (5.00%) SUBTOTAL SUBTOTAL SUPV, INSP & OVERHEAD (7.70%) CATEGORY E EQUIPMENT TOTAL REQUEST TOTAL REQUEST TOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROP  10.Description of Proposed Construction Construct a Veterinary Clinic and Kennel. This   |                   |         |             |      |        |        |           |             |          |           | , ,          |
| CONTINGENCY (5.00%)  SUBTOTAL SUBTOTAL SUPV, INSP & OVERHEAD (7.70%) CATEGORY E EQUIPMENT TOTAL REQUEST TOTAL REQUEST TOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROP  10.Description of Proposed Construction Construct a Veterinary Clinic and Kennel. This  |                   | (       |             | _~   |        |        |           |             |          |           | (32)         |
| CONTINGENCY (5.00%)  SUBTOTAL SUBTOTAL SUPV, INSP & OVERHEAD (7.70%) CATEGORY E EQUIPMENT TOTAL REQUEST TOTAL REQUEST TOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROP  10.Description of Proposed Construction Construct a Veterinary Clinic and Kennel. This  | ESTIMATED CONT    | TRACT   | COST        |      |        |        |           |             |          |           | 2,282        |
| SUBTOTAL SUPV, INSP & OVERHEAD (7.70%) CATEGORY E EQUIPMENT TOTAL REQUEST TOTAL REQUEST (ROUNDED) INSTALLED EQT-OTHER APPROP  10.Description of Proposed Construction Construct a Veterinary Clinic and Kennel. This  |                   |         |             |      |        |        |           |             |          |           | -            |
| SUPV, INSP & OVERHEAD (7.70%)  CATEGORY E EQUIPMENT  TOTAL REQUEST  TOTAL REQUEST (ROUNDED)  INSTALLED EQT-OTHER APPROP  10.Description of Proposed Construction  Construct a Veterinary Clinic and Kennel. This  | SUBTOTAL          |         | •           |      |        |        |           |             |          |           |              |
| CATEGORY E EQUIPMENT  TOTAL REQUEST  TOTAL REQUEST (ROUNDED)  INSTALLED EQT-OTHER APPROP  10.Description of Proposed Construction  Construct a Veterinary Clinic and Kennel. This   |                   | VERHE   | AD (7.70%)  |      |        |        |           |             |          |           | -            |
| TOTAL REQUEST 2,580  TOTAL REQUEST (ROUNDED) 2,600  INSTALLED EQT-OTHER APPROP ()  10.Description of Proposed Construction Construct a Veterinary Clinic and Kennel. This   | · ·               |         |             |      |        |        |           |             |          |           |              |
| TOTAL REQUEST (ROUNDED) 2,600 INSTALLED EQT-OTHER APPROP 0 0 ()  10.Description of Proposed Construction Construct a Veterinary Clinic and Kennel. This   |                   | ,       | -           |      |        |        |           |             |          |           |              |
| INSTALLED EQT-OTHER APPROP (1) 10.Description of Proposed Construction Construct a Veterinary Clinic and Kennel. This   |                   | (ROIIN  | DED)        |      |        |        |           |             |          |           |              |
| 10.Description of Proposed Construction Construct a Veterinary Clinic and Kennel. This  |                   |         |             |      |        |        |           |             |          |           | •            |
| •   |                   |         |             | t ri | ict a  | V۵     | teri      | inary Cli   | nic and  | Kennel    | , ,          |
|   |                   |         |             |      |        |        |           | -           |          |           |              |

facility will provide medical care to 100 working dogs in RC-East and the Afghan theater. The primary facility will include a admin/reception area, waiting room, laboratory, pharmacy, medical screening rooms, holding rooms, examination rooms, latrine, break/locker room, kennel and X-ray room. Supporting facilities include electrical distribution, water storage tanks, water and sewage distribution systems, mechanical systems, building information systems, roads, curbs, walkways, drainage, and parking. Furniture and equipment will be furnished and installed with proponent funds (OMA). Medical equipment will be purchased with other appropriations.

11. REQ: 330 m2 ADQT: NONE SUBSTD: 330 m2

PROJECT: Construct Veterinary Facility and Kennel at Bagram Airfield (BAF),

Afghanistan. (Current Mission)

REQUIREMENT: US Forces have an immediate operational need for the expansion of BAF to meet operational requirements in RC-E, and as the primary location for all of Afghanistan. In order to facilitate the US mission and its command & control element, centralized housing and care is required to be located at an enduring location, therefore BAF. BAF vet clinic and kennel will support up

| 1.COMPONENT        | T13.7     | 0011    | MITT TOTAL DAY | CONCEDUCATION | DDO TEC |            | 2.DATE |          |   |
|--------------------|-----------|---------|----------------|---------------|---------|------------|--------|----------|---|
| 7) T) M37          | F. X      | 2011    | MILITARY       | CONSTRUCTION  | PROJEC  | T DATA     | 2.2    | TAN 2010 | , |
| ARMY               |           |         |                |               |         |            | ∠3     | JAN 2010 | ) |
| 3.INSTALLATION AND | D LOCATIO | N       |                |               |         |            |        |          |   |
|                    |           |         |                |               |         |            |        |          |   |
|                    |           |         |                |               |         |            |        |          |   |
| Bagram Air Bas     | e, Afgh   | nanista | an             |               |         |            |        |          |   |
| 4.PROJECT TITLE    |           |         |                |               | 5       | .PROJECT N | NUMBER |          |   |
|                    |           |         |                |               |         |            |        |          |   |
|                    |           |         |                |               |         |            |        |          |   |
| Vet Clinic & K     | Cennel    |         |                |               |         |            |        | 77056    |   |

## REQUIREMENT: (CONTINUED)

to 100 working dogs throughout RC East and as they transit to elsewhere in theater. These working dogs range from Bomb and explosive detection to attack dogs and are essential to the war-fighting mission and safeguarding the military personnel they support.

CURRENT SITUATION: BAF does not have adequate veterinarian or kennel facilities to support the increase of US working dogs in RC-East and all over Afghanistan. There are currently multiple small facilities in various locations on the base which are antiquated and do not support the needs of the mission, as they are undersized, ill-equipped and have exceeded their lifespans. To support the US influx of missions, an additional large Vet clinic is required.

IMPACT IF NOT PROVIDED: Without a Vet Clinic, there will be no lifesaving and preventative medicine capability significantly degrading US resources resulting in decreased operating capacity. Up to 100 working will be at risk to injury or death risking not only millions of dollars of valuable trained detectors but 30,000+ US troops they provide livesaving support.

ADDITIONAL: All required physical security and antiterrorism/force

protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2010 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | .00      |
| (C) | Date 35% Designed                                | JAN 2011 |
| (d) | Date Design Complete                             | MAR 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | 1 Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|-----|------|--|----------|
|     | (a)  | Production of Plans and Specifications           | 120      |
|     | (b)  | All Other Design Costs                           | 120      |
|     | (C)  | Total Design Cost                                | 240      |
|     | (d)  | Contract   | 120      |
|     | (e)  | In-house   | 120      |
|     |      |  |          |
| (4) | Cons | truction Contract Award                          | APR 2011 |

| 1.COMPONENT       |                      |                         |             | 2.DATE     |         |
|-------------------|----------------------|-------------------------|-------------|------------|---------|
|                   | FY 2011 MILIT        | ARY CONSTRUCTION PROJE  | ECT DATA    |            |         |
| ARMY              |                      |                         |             | 23 JA      | N 2010  |
| 3.INSTALLATION AN | ID LOCATION          |                         |             |            |         |
|                   |                      |                         |             |            |         |
| Bagram Air Bas    | se, Afghanistan      |                         |             |            |         |
| 4.PROJECT TITLE   |                      |                         | 5.PROJECT N | NUMBER     |         |
|                   |                      |                         |             |            |         |
| Vet Clinic & I    | Kennel               |                         |             | 770        | 56      |
|                   |                      |                         |             |            |         |
| 12. SUPPLEMEN     | NTAL DATA: (Continue | ed)                     |             |            |         |
| A. Estir          | mated Design Data: ( | (Continued)             |             |            |         |
| (5)               | . <b></b>            | MAY                     | 2011        |            |         |
|                   |                      |                         |             |            |         |
| (6)               | Construction Comple  | etion                   | . <b></b>   | NOV        | 2011    |
|                   | -                    |                         |             |            |         |
|                   |                      |                         |             |            |         |
| B. Equip          | oment associated wit | th this project which w | vill be pi  | rovided fr | om      |
| other approp      | <del>-</del> '       | 1 3                     | _           |            |         |
| 11 1              |                      |                         | Fisca       | al Year    |         |
| Equipment         |                      | Procuring               | Appro       | opriated   | Cost    |
| Nomenclati        | ıre                  | Appropriation           |             | equested   | (\$000) |
|                   |                      |                         | <u> </u>    | - 100000   | (4000)  |
|                   |                      | NA                      |             |            |         |
|                   |                      |                         |             |            |         |
|                   |                      |                         |             |            |         |
|                   |                      |                         |             |            |         |

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT            |         |                 |      |       |       |           |        |          | 2.DATE       |        |          |
|------------------------|---------|-----------------|------|-------|-------|-----------|--------|----------|--------------|--------|----------|
| 1.00111 0112111        | FY 2    | 011 MIL:        | ITAF | RY C  | ONST  | RUCTION   | PROJ:  | ECT DATA |              |        |          |
| ARMY                   |         |                 |      |       |       |           |        |          | 23           | JAN 2  | 2010     |
| 3.INSTALLATION AN      | D LOCAT | 'ION            |      |       |       | 4.PROJECT | TITLE  | 1        | *            |        |          |
| Bagram Air Bas         | se      |                 |      |       |       |           |        |          |              |        |          |
| Afghanistan            |         |                 |      |       |       | Replace   | Tem    | porary G | uard Tow     | ers    |          |
| 5.PROGRAM ELEMENT      |         | 6.CATEGORY CODE |      |       |       |           |        |          | COST (\$000) |        |          |
|                        |         |                 |      |       |       |           |        | Auth     | 5,           | 500    |          |
| 01010A                 |         | 872             |      |       |       | 77054     |        | Approp   | 5,           | 500    |          |
|                        |         |                 | 9    | .cos  | T EST | 'IMATES   |        |          |              |        |          |
|                        | ITEM    |                 | UM   | (M/   | E)    | QUA       | NTITY  |          | UNITCOST     | COST   | (\$000)  |
| PRIMARY FACILI         | TY      |                 |      |       |       |           |        |          |              | 4      | 1,105    |
| Guard Towers           |         |                 | EΑ   |       |       | 15        |        |          | 175,000      | (2     | 2,625    |
| Electric Lines         | m       | (LF             | )    | 6,000 | (     | 19,685)   | 209.74 | (1       | L,258        |        |          |
| Antiterrorism          | Prote   | ction Measur    | LS   |       |       |           |        |          |              |        | (208     |
| Building Infor         | rmatio  | n Systems       | LS   |       |       |           |        |          |              |        | (14      |
|                        |         |                 |      |       |       |           |        |          |              |        |          |
|                        |         |                 |      |       |       |           |        |          |              |        |          |
| SUPPORTING FAC         |         | <u>ES</u>       |      |       |       |           |        |          |              |        | 783      |
| Electric Servi         |         |                 | LS   |       |       |           |        |          |              |        | (150     |
| Paving, Walks,         | Curb    | s & Gutters     | LS   |       |       |           |        |          |              |        | (142     |
| Site Imp( 28           | 34) De  | mo( )           | LS   |       |       |           |        |          |              |        | (284     |
| Information Sy         | stems   |                 | LS   |       |       |           |        |          |              |        | (7       |
| Antiterrorism          | Measu   | res             | LS   |       |       |           |        |          |              |        | (200     |
|                        |         |                 |      |       |       |           |        |          |              |        |          |
|                        |         |                 |      |       |       |           |        |          |              |        |          |
|                        |         |                 |      |       |       |           |        |          |              |        |          |
|                        |         |                 |      |       |       |           |        |          |              |        |          |
| ESTIMATED CONT         | TRACT   | COST            |      |       |       |           |        |          |              | 4      | 1,888    |
| CONTINGENCY            | (5.00%  | )               |      |       |       |           |        |          |              |        | 244      |
| SUBTOTAL               |         |                 |      |       |       |           |        |          |              | 5      | 5,132    |
| SUPV, INSP & C         | OVERHE. | AD (7.70%)      |      |       |       |           |        |          |              |        | 395      |
| TOTAL REQUEST          |         |                 |      |       |       |           |        |          |              |        | 5,527    |
| TOTAL REQUEST          | (ROUN   | DED)            |      |       |       |           |        |          |              | 5      | 5,500    |
| INSTALLED EQT-         | -OTHER  |                 |      |       |       |           |        |          |              |        | (        |
| 10.Description of Prop |         |                 |      |       |       | rete tow  |        | _        |              | mporar | сУ       |
| guard towers.          | Prima   | ry facilitie    | s wi | 111   | have  | the las   | test   | in guar  | d tower      |        |          |
| technology and         |         |                 |      |       |       |           |        | acilitie | s consis     | t of   |          |
| electrical ser         | rvice,  | pavements,      | and  | mec   | hani  | cal syst  | ems.   |          |              |        |          |
|                        |         |                 |      |       |       |           |        |          |              |        |          |
| <u>11. REQ:</u>        |         | 15 EA ADQ'      |      |       |       | NONE      |        | JBSTD:   |              |        | EA       |
|                        |         | 5 temporary     |      | rd t  | ower  | s with c  | oncr   | ete towe | rs on Ba     | gram   |          |
| Airfield (BAF)         |         |                 |      |       |       |           |        |          |              |        |          |
| REQUIREMENT:           | Hard    | ened guard to   | ower | cs a  | re n  | eeded to  | pro    | vide bet | ter prot     | ectior | 1        |
| to security pe         |         | _               | llov | ving  | the   | m to pro  | vide   | better   | protecti     | on to  |          |
| all personnel          | on Ba   | _               |      |       |       |           |        |          |              |        |          |
| CURRENT SITUAT         |         | Bagram is       |      |       |       |           |        |          |              | made c | of       |
| shipping conta         |         |                 | -    |       |       | -         |        | -        |              |        |          |
| ascending & de         |         |                 |      |       |       |           |        |          |              |        | <u> </u> |
| little to no p         | rotec   | tion from di    | rect | : fi  | re,   | indirect  | fire   | e, or ex | plosions     |        |          |
| IMPACT IF NOT          | PROVI   | DED: This       | proj | ject  | dir   | ectly su  | ppor   | ts the m | ission       |        |          |
| objectives at          | BAF i   | n maintaining   | g fo | orce  | pro   | tection   | requ   | irements | . If this    | S      |          |
| project is not         | prov    | ided, curren    | t tı | coop  | s an  | d facili  | ties   | are vul  | nerable      | to     |          |
| increased thre         | eat le  | vels, and red   | quir | red   | faci  | lity exp  | ansi   | on will  | be limit     | ed.    |          |
| Furthermore, 1         |         |                 | _    |       |       |           |        |          |              |        | or       |

| 1.COMPONENT       |  | 2.DATE           |
|-------------------|--|------------------|
|                   | FY 2011 MILITARY CONSTRUCTION PROJE            | CT DATA          |
| ARMY              |  | 23 JAN 2010      |
| 3.INSTALLATION AN | D LOCATION                                     | •                |
|                   |  |                  |
| Bagram Air Bas    | se, Afghanistan                                |                  |
| 4.PROJECT TITLE   |  | 5.PROJECT NUMBER |
|                   |  |                  |
| Replace Tempor    | rary Guard Towers                              | 77054            |
|                   |  |                  |
| IMPACT IF NOT     | <del></del>                                    |                  |
|                   | f stealing US property.                        |                  |
| ADDITIONAL:       | All required physical security and antite      |                  |
|                   | asures will be incorporated. Sustainable p     | <del>-</del>     |
|                   | to the development, design, and constructi     |                  |
|                   | ential will be incorporated where feasible     |                  |
| statement(PFS)    | will be submitted for this project prior       | to award.        |
| 10 GUDDI DMD      | JULY DAUG                                      |                  |
|                   | NTAL DATA:                                     |                  |
|                   | mated Design Data:                             |                  |
| (1)               | Status:  | NOV. 2010        |
|                   | (a) Date Design Started                        |                  |
|                   | (b) Percent Complete As Of January 2010.       |                  |
|                   | (c) Date 35% Designed                          |                  |
|                   | (d) Date Design Complete                       |                  |
|                   | (e) Parametric Cost Estimating Used to D       |                  |
|                   | (f) Type of Design Contract: Design-bid        | bulla            |
| (2)               | Basis:   |                  |
| (2)               | (a) Standard or Definitive Design: NO          |                  |
|                   | (a) Scandard of Definitelye Design: NO         |                  |
| (3)               | Total Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ | (\$000)          |

(a) Production of Plans and Specifications......

(b) All Other Design Costs......

Total Design Cost.....\_

Contract.....

In-house.....

Construction Contract Award..... MAR 2011

(C)

(e)

(4)

256

513

257

256

| 1.COMPONENT       | ΕV        | 2011   | MTT.TTARV | CONSTRUCTION | DRO.TE | מיי חשיים | 2.DATE      |
|-------------------|-----------|--------|-----------|--------------|--------|-----------|-------------|
| ARMY              | 11        | 2011   | HILLIAKI  | CONDINOCTION | IROUL  | CI DAIA   | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATIO | ON     |           |              |        |           | •           |
|                   |           |        |           |              |        |           |             |
| Bagram Air Bas    | se, Afgh  | nanist | an        |              |        |           |             |
| 4.PROJECT TITLE   |           |        |           |              |        | 5.PROJECT | NUMBER      |
|                   |           |        |           |              |        |           |             |
| Replace Tempor    | rary Gua  | ard To | wers      |              |        |           | 77054       |
|                   |           |        |           |              |        |           |             |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT                                |   |   |         |         |                   |            | 2.DATE     |                        |  |  |
|--|---|---|---------|---------|-------------------|------------|------------|------------------------|--|--|
| 1. COM ONDIVI                              | FY 2  | ∩11 MTT.  | TTARY   | CONS    | TRUCTION PROJE    | CT DATA    | 2.51115    |                        |  |  |
| ARMY                                       |   | 011 1111  |         | 00110   | 1110011011 111001 | JOI DIIIII | 23         | JAN 2010               |  |  |
| 3.INSTALLATION AN                          | D LOCAT   | ION   |         |         | 4.PROJECT TITLE   |            | 25         | OAN ZOIO               |  |  |
| Bagram Air Bas                             |   |   |         |         |                   |            |            |                        |  |  |
| Afghanistan                                |   |   |         |         | DFIP Detaine      | e Hougir   | na         |                        |  |  |
| 5.PROGRAM ELEMENT                          |   | 6.CATEGORY CODE   | 3       | 7 . PRO | JECT NUMBER       |            |            | 9<br>COST (\$000)      |  |  |
|  | Auth  |   |         |         |                   |            |            | 000                    |  |  |
| 01010A 721 77053                           |   |   |         |         |                   | Approp     | 23,        |                        |  |  |
| OTOTOR                                     |   | 721   | 9.0     | OST ES  | TIMATES           |            | 25,        | 000                    |  |  |
|  | ITEM  |   |         |         |                   |            | IBITE COCE | GOGE (4000)            |  |  |
| PRIMARY FACILI                             |   |   | UM (I   | M/E)    | QUANTITY          |            | UNITCOST   | COST (\$000)<br>17,539 |  |  |
| Detainee Housi                             |   | its (2)   | EA      |         | 2                 |            | 5700000    | (11,400)               |  |  |
| Special Housin                             | _   |   | EA      |         | 1                 |            | 6100000    | (6,100)                |  |  |
| Building Infor                             | _   |   | LS      |         |                   |            |            | (39)                   |  |  |
| barraring rinror                           | macio   | п Бубсешь   |         |         |                   |            |            | (33)                   |  |  |
|  |   |   |         |         |                   |            |            |                        |  |  |
|  |   |   |         |         |                   |            |            |                        |  |  |
| SUPPORTING FAC                             | ידיד.דיידי  | FC  |         |         |                   |            |            | 2,618                  |  |  |
| Electric Servi                             |   |   | LS      |         |                   |            |            | (770)                  |  |  |
| Water, Sewer,                              |   |   | LS      |         |                   |            |            | (400)                  |  |  |
| , ,  | Gas<br>(0) De                                     | mo()  |         | LS      |                   |            |            | (850)                  |  |  |
| Information Sy                             |   | /   |         | LS      |                   |            |            | (23)                   |  |  |
| Antiterrorism                              |   | roa   | LS      |         |                   |            |            | (575)                  |  |  |
| Ancicellorism                              | Measu   | Les   | ПО      |         |                   |            |            | (575)                  |  |  |
|  |   |   |         |         |                   |            |            |                        |  |  |
|  |   |   |         |         |                   |            |            |                        |  |  |
|  |   |   |         |         |                   |            |            |                        |  |  |
| ESTIMATED CONT                             | ים א כיתי   | <b>~</b> ∩ст  |         |         |                   |            |            | 20,157                 |  |  |
|  | 5.00%   |   |         |         |                   |            |            | 1,008                  |  |  |
| SUBTOTAL                                   | 3.00%   | )   |         |         |                   |            |            | 21,165                 |  |  |
| SUPV, INSP & C                             | WEDHE.  | ND (7 70%)  |         |         |                   |            |            | 1,630                  |  |  |
| TOTAL REQUEST                              | VERHE.  | AD (7.70%)  |         |         |                   |            |            | 22,795                 |  |  |
| TOTAL REQUEST                              | / DOIN  | רבי /   |         |         |                   |            |            | 23,000                 |  |  |
| INSTALLED EQT-                             | •   | •   |         |         |                   |            |            |                        |  |  |
| 10.Description of Propo                    |   |   | at ruga | + +hr   | ee additional     | dotaino    | hougin     | ()                     |  |  |
| expansion buil                             |   |   |         |         |                   |            |            | _                      |  |  |
| facilities wil                             | _   |   |         |         | _                 |            |            |                        |  |  |
|  |   |   | _       |         |                   | with Cal   | waiks,     | SHOWELS,               |  |  |
| recreational yards and misc office spaces. |   |   |         |         |                   |            |            |                        |  |  |
| 11 DEO:                                    | 2   | E14 DN 700  | т.      |         | 1 // O DM CT      | ID CTID .  |            | 1 066 DM               |  |  |
|  | 11. REQ: 2,514 PN ADQT: 1,448 PN SUBSTD: 1,066 PN |   |         |         |                   |            |            |                        |  |  |
| PROJECT: Cons                              | cruct   | PROJECT: Construct two detainee housing units (DHU) and one special housing |         |         |                   |            |            |                        |  |  |

PROJECT: Construct two detainee housing units (DHU) and one special housing unit (SHU) to facilitate the custody, care and control of additional detainees. The DHUs will provide housing for 384pn each, and the SHU will provide housing for roughly 194 communal and 104 segregation, for a total of 1,066 additional housing for detainees. (Current Mission)

REQUIREMENT: The DFIP is a brand new facility originally designed to be expanded to accommodate over 2,000 detainees with the addition of two additional DHUs and one additional SHU. With the surge of forces, it is expected that the number of detainees will increase, as more insurgents will be taken as prisoners. This is expected to increase the housing need to around 2,514. The three additional buildings are required to meet that need. Adequate housing of detainees is required to meet the counterinsurgency doctrine laid forth by the Commanders in Afghanistan.

| 1.COMPONENT       |                              |      |          |              |        |            | Z.DAIE |       |      |  |
|-------------------|------------------------------|------|----------|--------------|--------|------------|--------|-------|------|--|
|                   | FΥ                           | 2011 | MILITARY | CONSTRUCTION | PROJEC | T DATA     |        |       |      |  |
| ARMY              |                              |      |          |              |        |            | 23     | JAN   | 2010 |  |
| 3.INSTALLATION AN | D LOCATION                   | ON   |          |              |        |            | •      |       |      |  |
|                   |                              |      |          |              |        |            |        |       |      |  |
| Bagram Air Bas    | Bagram Air Base, Afghanistan |      |          |              |        |            |        |       |      |  |
| 4.PROJECT TITLE   |                              |      |          |              | 5      | .PROJECT N | IUMBER |       |      |  |
|                   |                              |      |          |              |        |            |        |       |      |  |
| DFIP Detainee     | Housing                      | 3    |          |              |        |            | •      | 77053 | 3    |  |
|                   | _                            |      |          | •            |        |            |        |       |      |  |

2 DATE

CURRENT SITUATION: Currently, the new DFIP has the ability to house approximately 1,448 detainees. The support facilities including dining areas, medical facilities, multipurpose facilities, warehouses, laundry facilities and visitor's center are adequate to handle the expansion of the detainee housing.

IMPACT IF NOT PROVIDED: With additional troops in country, it is anticiapted that more insurgents will be captured and become detainees at the DFIP. If this project is not provided, TF Protector will not have the facilities to house detainees in accordance with internationally accepted standards. Without adequate facilities, detainees will be be forced to live in very poor conditions. Such poor treatment of detainees will look poorly on the US and the Government of the Islamic Republic of Afghanistan, which in turn will lead to an increase of people becoming insurgents.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement(PFS) will be submitted for this project prior to award.

# 12. SUPPLEMENTAL DATA:

1 COMPONENT

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2010 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | .00      |
| (C) | Date 35% Designed                                | FEB 2011 |
| (d) | Date Design Complete                             | APR 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:(a) Standard or Definitive Design: NO

| (3) | Tota | I Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications           | 1,058   |
|     | (b)  | All Other Design Costs                           | 847     |
|     |      | Total Design Cost                                |         |
|     | (d)  | Contract   | 1,058   |

- (d) Contract
   1,058

   (e) In-house
   847
- (4) Construction Contract Award..... MAY 2011

| 1.COMPONENT                           | T37                         | 0011    | MITTIMADA | CONCEDITORION |        | ш Бушу     | 2.DATE      |  |  |
|---------------------------------------|-----------------------------|---------|-----------|---------------|--------|------------|-------------|--|--|
| ARMY                                  | ΡY                          | 2011    | MILITARY  | CONSTRUCTION  | PROJEC | T DATA     | 23 JAN 2010 |  |  |
| 3.INSTALLATION AN                     | 3.INSTALLATION AND LOCATION |         |           |               |        |            |             |  |  |
|                                       |                             |         |           |               |        |            |             |  |  |
| Bagram Air Bas                        | se, Afgl                    | nanista | an        |               |        |            |             |  |  |
| 4.PROJECT TITLE                       |                             |         |           |               | 5      | .PROJECT N | IUMBER      |  |  |
|                                       |                             |         |           |               |        |            |             |  |  |
| DFIP Detainee                         | Housing                     | 3       |           |               |        |            | 77053       |  |  |
| · · · · · · · · · · · · · · · · · · · |                             |         |           |               |        |            |             |  |  |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year

Equipment Procuring Appropriated Cost Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT            |         |                  |          |         |               |             | 2.DATE       |              |
|------------------------|---------|------------------|----------|---------|---------------|-------------|--------------|--------------|
|                        | FY 2    | 011 MIL          | TTARY    | CONS    | TRUCTION PRO  | DECT DATA   |              |              |
| ARMY                   |         |                  |          |         | 1             |             | 23           | JAN 2010     |
| 3.INSTALLATION AN      | D LOCAT | ION              |          |         | 4.PROJECT TIT | LE          |              |              |
| Dwyer                  |         |                  |          |         |               |             |              |              |
| Afghanistan            |         |                  |          |         | Dining Fac    | ility       |              |              |
| 5.PROGRAM ELEMENT      |         | 6.CATEGORY COD   | E        | 7.PRO   | JECT NUMBER   | 8.PROJECT   | r COST (\$00 | 0)           |
|                        |         |                  |          |         |               | Auth        | 6,           | 000          |
| 01010A                 |         | 722              |          |         | 75199         | Approp      | 6,           | 000          |
|                        |         |                  | 9.       | COST ES | TIMATES       |             |              |              |
|                        | ITEM    |                  | UM       | (M/E)   | QUANTI        | ГҮ          | UNITCOST     | COST (\$000) |
| PRIMARY FACILI         | TY      |                  |          |         | ~             |             |              | 2,812        |
| Dining Facilit         |         |                  | m2 (     | (SF)    | 1,176 (       | 12,658)     | 2,347        | (2,760)      |
| Building Infor         | rmatio  | n Systems        | LS       |         |               |             |              | (52)         |
| 3                      |         | -                |          |         |               |             |              | 1            |
|                        |         |                  |          |         |               |             |              | İ            |
|                        |         |                  |          |         |               |             |              | I            |
|                        |         |                  |          |         |               |             |              | I            |
| SUPPORTING FAC         | CILITI  | ES               |          |         |               |             |              | 2,478        |
| Electric Servi         |         | <u> </u>         | LS       |         |               |             |              | (1,116)      |
| Water, Sewer,          |         |                  | LS       |         |               |             |              | (989)        |
| Paving, Walks,         |         | a & Cuttera      | LS       |         |               |             |              | (50)         |
| Site Imp( 21           |         |                  | LS       |         |               |             |              | (210)        |
| Information Sy         |         | 1110 (           | LS       |         |               |             |              | (103)        |
| Antiterrorism          |         | roc              | LS       |         |               |             |              | (103)        |
| Ancicellolism          | Measu.  | Les              | гъ       |         |               |             |              | (10)         |
|                        |         |                  |          |         |               |             |              | I            |
|                        |         |                  |          |         |               |             |              | I            |
| ECHIMARED COM          |         | COCT             |          |         |               |             |              | 5,290        |
| ESTIMATED CONT         |         |                  |          |         |               |             |              | =            |
| CONTINGENCY            | 5.006   | )                |          |         |               |             |              | 265          |
| SUBTOTAL               |         | 7D / D D O O O O |          |         |               |             |              | 5,555        |
| SUPV, INSP & C         | VERHE   | AD (7.70%)       |          |         |               |             |              | 428          |
| TOTAL REQUEST          | /       |                  |          |         |               |             |              | 5,983        |
| TOTAL REQUEST          |         |                  |          |         |               |             |              | 6,000        |
| INSTALLED EQT-         |         |                  | <u> </u> |         |               | <del></del> |              | ()           |
| 10.Description of Prop |         |                  |          |         | ining Facili  | _           | _            | _            |
| facilities may         |         |                  |          | _       | _             |             |              | _            |
| area, storage          |         |                  |          |         |               | _           |              |              |
| sewage distrik         |         |                  |          |         |               |             |              | is 2,000     |
| persons per me         |         |                  |          |         |               | _           | _            |              |
| a e                    |         |                  |          | 1-      | 7 1           | 3 2         |              | 1-2          |

Supporting facilities include roads, curbs, walkways, drainage, and parking. Furniture and moveable equipment will be purchased with other funding. Antiterrorism/Force Protection will be included.

11. REQ: 5,000 PN ADQT: 3,000 PN SUBSTD: 2,000 PN PROJECT: Construct a Dining Facility (DFAC) at Dwyer, Afghanistan, to support 2,000 personnel. (Current Mission)

REQUIREMENT: The US Forces population on Dwyer will increase through the end of FY 2010. Dwyer does not have adequate dining facilities to support the total population of 5,000 personnel. An FY10 OCO project, PN 73134, will provide a dining facility for 3,000 personnel. This FY11 project satisfies the remaining requirement and will eliminate use of expeditionary dining facilities.

| 1.COMPONENT       |            |          |              |        |            | 2.DATE |      |
|-------------------|------------|----------|--------------|--------|------------|--------|------|
|                   | FY 2011    | MILITARY | CONSTRUCTION | PROJEC | T DATA     |        |      |
| ARMY              |            |          |              |        |            | 23 JAN | 2010 |
| 3.INSTALLATION AN | D LOCATION |          |              |        |            |        |      |
|                   |            |          |              |        |            |        |      |
| Dwyer, Afghan:    | istan      |          |              |        |            |        |      |
| 4.PROJECT TITLE   |            |          |              | 5      | .PROJECT 1 | NUMBER |      |
|                   |            |          |              |        |            |        |      |
| Dining Facilit    | ty         |          |              |        |            | 75199  | )    |

<u>CURRENT SITUATION:</u> Currently, US Forces are utilizing Harvest Falcon and Force Provider assets to support the dining facility requirements. As the base population continues to expand and grow, these assets become strained and will not be adequate to handle the added capacity.

IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 2,000 personnel or maintain high standards of sanitary cooking and food preparation area. Without a place to properly cook, serve and partake in meals, US forces stationed at Dwyer are subjected to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | JAN 2010 | ) |
|-----|--|----------|---|
| (b) | Percent Complete As Of January 2010              | .00      | ) |
| (C) | Date 35% Designed                                | JUL 2010 | ) |
| (d) | Date Design Complete                             | JAN 2011 | L |
| (e) | Parametric Cost Estimating Used to Develop Costs | NC       | ) |
| (f) | Type of Design Contract: Design-bid-build        |          | _ |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|-----|--|----------|
|     | (a) Production of Plans and Specifications           | 222      |
|     | (b) All Other Design Costs                           | 111      |
|     | (c) Total Design Cost                                | 333      |
|     | (d) Contract   | 222      |
|     | (e) In-house   | 111      |
| (4) | Construction Contract Award                          |          |
| (5) | Construction Start                                   | AUG 2011 |
|     |  |          |

(6) Construction Completion..... MAR 2012

| 1.COMPONENT       |           |      |          |              |       |             | 2.DATE      |
|-------------------|-----------|------|----------|--------------|-------|-------------|-------------|
|                   | FY        | 2011 | MILITARY | CONSTRUCTION | PROJE | CT DATA     |             |
| ARMY              |           |      |          |              |       |             | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATIO | ON   |          |              |       |             | ·           |
|                   |           |      |          |              |       |             |             |
| Dwyer, Afghan:    | istan     |      |          |              |       |             |             |
| 4.PROJECT TITLE   |           |      |          |              |       | 5.PROJECT N | IUMBER      |
|                   |           |      |          |              |       |             |             |
| Dining Facilit    | ΣУ        |      |          |              |       |             | 75199       |
|                   | _         |      |          |              |       |             |             |
|                   |           |      |          |              |       |             |             |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT  |            |            |      |        |        |              |         |                   | 2.DATE     |           |
|--|------------|------------|------|--------|--------|--------------|---------|-------------------|------------|-----------|
|  | FY 2       | 011        | MIL  | TARY   | CON    | STRUCTION    | PROJ    | ECT DATA          |            |           |
| ARMY   |            |            |      |        |        |              |         |                   | 23         | JAN 2010  |
| 3.INSTALLATION AN  | D LOCAT    | ION        |      |        |        | 4.PROJEC     | T TITLI | Ε                 |            |           |
| Dwyer  |            |            |      |        |        |              |         |                   |            |           |
| Afghanistan  |            | c          | 9000 |        | 1      |              |         | Treatment         |            | -         |
| 5.PROGRAM ELEMENT  |            | 6.CATEGORY | CODE | i      | 7.PF   | ROJECT NUMBE | R       | 8.PROJECT<br>Auth | COST (\$00 |           |
| 01010A   |            | 831        |      |        |        | 75200        |         | Approp            | 16,<br>16, |           |
| 01010A   |            | 031        |      | 9.0    | COST E | ESTIMATES    |         |                   | 10,        | 000       |
| ITEM UM (M/E) QUANTITY UNITCOST COST (\$000)   |            |            |      |        |        |              |         |                   |            |           |
| PRIMARY FACILI   |            |            |      | OIM (  | М/Б)   | QU           | ANIIII  |                   | UNIICOSI   | 13,207    |
| Wastewater Tre   | <br>eatmen | t Facility | У    | L/d(   | KG)    | 1,32         | 5 (     | 350)              | 9,959      |           |
| Building Infor   |            |            | -    | LS     |        |              |         |                   |            | (12)      |
|  |            |            |      |        |        |              |         |                   |            |           |
| CIIDDODTING FAC  | ידיד.דיידי | FC         |      |        |        |              |         |                   |            | 914       |
| SUPPORTING FACE  |            | <u> </u>   |      | LS     |        |              |         |                   |            | (286)     |
| Water, Sewer,  |            |            |      | LS     |        |              |         |                   |            | (145)     |
| Site Imp( 21   |            | mo (       | )    | LS     |        |              |         |                   |            | (210)     |
| Information Sy   |            |            |      | LS     |        |              |         |                   |            | (273)     |
|  |            |            |      |        |        |              |         |                   |            |           |
| ESTIMATED CONT   | TRACT      | COST       |      |        |        |              |         |                   |            | 14,121    |
| CONTINGENCY  | (5.00%     | )          |      |        |        |              |         |                   |            | 706       |
| SUBTOTAL   |            |            | _ 、  |        |        |              |         |                   |            | 14,827    |
| SUPV, INSP & (   | )VERHE     | AD (7.70)  | 웅)   |        |        |              |         |                   |            | 1,142     |
| TOTAL REQUEST TOTAL REQUEST  | / DOINI    | DED)       |      |        |        |              |         |                   |            | 15,969    |
| INSTALLED EQT-   |            |            |      |        |        |              |         |                   |            | 16,000    |
|  |            |            | Cons | st ruc | t a    | Wastewate    | r Tre   | atment S          | vstem T    |           |
| 10.Description of Proposed Construction Construct a Wastewater Treatment System. The new facility will consist of an Equalization Chamber, Sludge Holding Chamber, Aeration Chamber, Clarifier Chamber and Chlorine Contact Chamber. Supporting facilities include site preparation, electrical distribution, and emergency generator. |            |            |      |        |        |              |         |                   |            |           |
| 11. REQ:   |            | ,325 L/d 2 |      |        |        | NONE         |         | UBSTD:            |            | 1,325 L/d |
|  |            | a Wastew   | ateı | r Tre  | atme   | nt System    | at D    | wyer, Af          | ghanista   | n.        |
| (Current Missi   |            |            |      | 7      | a .    | 7            | L1      |                   |            |           |
| REQUIREMENT:   |            |            |      |        |        | replace      |         |                   |            | r         |
| collection system. This system poses a serious health risk and future  |            |            |      |        |        |              |         |                   |            |           |
| environmental cleanup costs are significantly higher than providing the proposed wastewater treatment system. This system must be able to process  |            |            |      |        |        |              |         |                   |            |           |
| proposed wastewater treatment system. This system must be able to process  1,324,894 liters (350,000 gallons) daily to support 5,000 personnel.  |            |            |      |        |        |              |         |                   |            |           |
| CURRENT SITUATION: Currently, blackwater is collected at the source  |            |            |      |        |        |              |         |                   |            |           |
| (latrines, liv   |            |            |      |        |        |              |         |                   |            | ks        |
| (SSTs) and tru   |            |            |      |        |        |              |         |                   |            |           |
| sanitary sewag   | ge tru     | cks are c  | onti | cacte  | d to   | collect      | the s   | ewage and         | d discha   | rge of    |
| it off-base. A   |            |            |      |        |        |              |         |                   |            | llect     |
| the sewage pla   | aces ti    | he base a  | t ri | isk o  | f ov   | erflowing    | its     | limited :         | storage    |           |

| 1.COMPONENT                   |                    |      |          |              |       |             | 2.DATE      |  |  |
|-------------------------------|--------------------|------|----------|--------------|-------|-------------|-------------|--|--|
|                               | FΥ                 | 2011 | MILITARY | CONSTRUCTION | PROJE | CT DATA     |             |  |  |
| ARMY                          |                    |      |          |              |       |             | 23 JAN 2010 |  |  |
| 3.INSTALLATION AN             | D LOCATIO          | N    |          |              |       |             |             |  |  |
|                               |                    |      |          |              |       |             |             |  |  |
| Dwyer, Afghani                | Dwyer, Afghanistan |      |          |              |       |             |             |  |  |
| 4.PROJECT TITLE               |                    |      |          |              |       | 5.PROJECT 1 | NUMBER      |  |  |
|                               |                    |      |          |              |       |             |             |  |  |
| Wastewater Treatment Facility |                    |      |          |              |       |             | 75200       |  |  |
|                               |                    |      |          |              |       |             |             |  |  |

## CURRENT SITUATION: (CONTINUED)

capacity, with acute health risks to personnel.

IMPACT IF NOT PROVIDED: Without a self-sufficient wastewater treatment plant at Dwyer, contracted sewage trucks will continue to collect and dispose of the raw sewage. If this project is not funded, we will continue paying high contractor costs for collection and disposal.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all required physical security, antiterrorism, and force protection measures will be incorporated. All required antiterrorism protection measures are included. Sustainable principles will be integrated into the design. This facility will be designed and built for Joint Use Operations. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(a) Data Dagiona Otanstad

(1) Status:

| (a) | Date Design Started                              | NOV | 2009  |
|-----|--|-----|-------|
| (b) | Percent Complete As Of January 2010              | 1   | L0.00 |
| (C) | Date 35% Designed                                | MAY | 2010  |
| (d) | Date Design Complete                             | NOV | 2010  |
| (e) | Parametric Cost Estimating Used to Develop Costs |     | NO    |
|     |  |     |       |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

|     | (a) Standard of Delinitive Design: No                |          |
|-----|--|----------|
| (3) | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|     | (a) Production of Plans and Specifications           | 613      |
|     | (b) All Other Design Costs                           | 306      |
|     | (c) Total Design Cost                                | 919      |
|     | (d) Contract   | 613      |
|     | (e) In-house   | 306      |
| (4) | Construction Contract Award                          | DEC 2010 |
| (5) | Construction Start                                   | FEB 2011 |
| (6) | Construction Completion                              | MAR 2012 |

| 1.COMPONENT       |                    |          |              |         |           | 2.DATE |       |      |  |
|-------------------|--------------------|----------|--------------|---------|-----------|--------|-------|------|--|
|                   | FY 2011            | MILITARY | CONSTRUCTION | PROJECT | r data    |        |       |      |  |
| ARMY              |                    |          |              |         |           | 23     | JAN   | 2010 |  |
| 3.INSTALLATION AN | D LOCATION         |          |              |         |           | •      |       |      |  |
|                   |                    |          |              |         |           |        |       |      |  |
| Dwyer, Afghani    | Dwyer, Afghanistan |          |              |         |           |        |       |      |  |
| 4.PROJECT TITLE   |                    |          |              | 5.      | PROJECT N | IUMBER |       |      |  |
|                   |                    |          |              |         |           |        |       |      |  |
| Wastewater Tre    | eatment Facil      | ity      |              |         |           | 7      | 75200 | ı    |  |
|                   |                    |          |              |         |           |        |       |      |  |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

refier appropriacions.

Fiscal Year

Equipment Nomenclature

Procuring
Appropriation

Appropriated Cost
Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

|                        | 1           |                 |          |       |        |              |         |                | T -         |                       |
|------------------------|-------------|-----------------|----------|-------|--------|--------------|---------|----------------|-------------|-----------------------|
| 1.COMPONENT            | T17 0       | 011 MTT         | T CO 7 F | 37. 0 | ONTOR  | DIIGHTON     | DDO T   |                | 2.DATE      |                       |
| 7 DMS                  | FY 2        | OTT MITT        | TIAR     | KY C  | .ONS I | RUCTION      | PROJ.   | ECT DATA       |             | TAN 2010              |
| ARMY 3.INSTALLATION AN | וח ז.חרמיז  | TON.            |          |       |        | 4.PROJECT    | יידיד.ד | 7              | 23          | JAN 2010              |
| Dwyer                  | D LOCILI    | 1014            |          |       |        | 1.11toole1   | 11111   | _              |             |                       |
| Afghanistan            |             |                 |          |       |        | Command      | 1 2 C   | ontrol F       | acility     |                       |
| 5. PROGRAM ELEMENT     | 1           | 6.CATEGORY CODE | ₹        | 7     | . PROJ | ECT NUMBER   |         |                | COST (\$00  | 10)                   |
| 5.1100ldil bbbibli     |             | o.emildoki cobi | -        | '     | .1100  | Der Worlder  | •       | Auth           |             | 200                   |
| 01010A                 |             | 141             |          |       |        | 75202        |         | Approp         |             | 200                   |
| OTOTOA                 |             | 171             | 9        | . COS | T EST  | IMATES       |         |                | 3,          | 200                   |
|                        | TODM        |                 | _        |       |        |              | NUTUS   |                | IBITE COCE  | GOGE ( ( 0000)        |
| PRIMARY FACIL          | ITEM<br>ITV |                 | UM       | (M/   | E)     | QUE          | NTITY   |                | UNITCOST    | COST (\$000)<br>3,427 |
| Command & Cont         |             | acility         | m2       | (SF   | ')     | 920          | ) (     | 9,903)         | 3,040       |                       |
| Antiterrorism          |             | _               | LS       | (51   | ′      | 220          | , (<br> | J, J03)        | J,040       | (102                  |
| Building Infor         |             |                 | LS       |       |        |              |         |                |             | (528                  |
| barrarng info          | Linacio     | п Бувесшв       | ПО       |       |        |              |         |                |             | (320                  |
|                        |             |                 |          |       |        |              |         |                |             |                       |
|                        |             |                 |          |       |        |              |         |                |             |                       |
| SUPPORTING FAC         | ~TT.TTT     | FC              |          |       |        |              |         |                |             | 1,155                 |
| Electric Servi         |             | <u> </u>        | LS       |       |        |              |         |                |             | (456                  |
| Water, Sewer,          |             |                 | LS       |       |        |              |         |                |             | (221                  |
| Paving, Walks          |             | c & Guttere     | LS       |       |        |              |         |                |             | (150                  |
| Storm Drainage         |             | s & Gutters     | LS       |       |        |              |         |                |             | (45                   |
|                        | 25) De      | mo()            | LS       |       |        |              |         |                |             | (225                  |
| Information Sy         |             |                 | LS       |       |        |              |         |                |             | (58                   |
| IIIIOI Macion 3        | yscems      |                 | ЦЗ       |       |        |              |         |                |             | (36)                  |
|                        |             |                 |          |       |        |              |         |                |             |                       |
|                        |             |                 |          |       |        |              |         |                |             |                       |
| ESTIMATED CONT         | граст       | COST            |          |       |        |              |         |                |             | 4,582                 |
|                        | (5.00%      |                 |          |       |        |              |         |                |             | 229                   |
| SUBTOTAL               | (3.000      | ,               |          |       |        |              |         |                |             | 4,811                 |
| SUPV, INSP & (         | MEBHE       | AD (7 70%)      |          |       |        |              |         |                |             | 370                   |
| TOTAL REQUEST          | <i>y</i>    | (,,,,,,,        |          |       |        |              |         |                |             | 5,181                 |
| TOTAL REQUEST          | (ROUN       | DED)            |          |       |        |              |         |                |             | 5,200                 |
| INSTALLED EQT-         |             |                 |          |       |        |              |         |                |             | 3,200                 |
| 10.Description of Prop |             |                 | gt ri    | ıct   | a Cc   | mmand &      | Cont    | rol Faci       | lity. Pr    |                       |
| facility inclu         |             |                 |          |       |        |              |         |                | -           | -                     |
| rooms/SCIF, to         |             |                 | -        |       |        |              |         |                |             |                       |
| Supporting fac         |             |                 |          |       |        |              |         |                |             |                       |
| mechanical sys         |             |                 |          |       |        |              |         |                |             |                       |
| drainage, and          |             |                 |          |       |        |              |         |                |             | 1~1                   |
|                        | Poilit      | 901             |          |       | (/     |              |         | ~~             | 014404.     |                       |
| 11. REQ:               |             | 920 m2 ADQ      | T:       |       |        | NONE         | S       | UBSTD:         |             | 920 m2                |
|                        | struct      | a Command a     |          | ont   | rol    |              |         |                | fahanist    |                       |
| (Current Miss:         |             | a commana a     |          | ,0110 |        | racrircy     | ac .    | D.W. 7 CL 7 11 | 19114111100 | <b>.</b>              |
| REQUIREMENT:           |             | U.S. Forces     | miss     | sion  | red    | nires a      | COMM    | and and        | control     | facility              |
| to exercise ta         |             |                 |          |       |        |              |         |                |             |                       |
| Regional Comma         |             |                 |          |       |        | _            |         |                |             | _                     |
| offices for th         |             |                 |          |       |        |              |         |                |             |                       |
| logistics, mas         |             | _               |          |       |        |              |         |                |             |                       |
| CURRENT SITUAT         |             | Currently       |          |       |        |              |         |                | re split    | between               |
| Kandahar Airf          |             |                 |          |       |        |              |         |                |             |                       |
| at Dwyer opera         |             |                 |          |       |        |              |         |                |             |                       |
| facility is re         |             |                 |          |       |        |              |         |                |             |                       |
| throughout Hel         |             |                 |          |       |        | . J. JUL. DU | -5501   | C CL COIII     | -ac oper    |                       |
| Lintougnout ne.        | LIIGIIG     | TIOVITICE ALG   | TITILI   | bla   |        |              |         |                |             |                       |

| 1.COMPONENT       | EV 2011      | MTTTTTADA | CONSTRUCTION |        | ע הארט היי | 2.DATE      |
|-------------------|--------------|-----------|--------------|--------|------------|-------------|
| ARMY              | FY 2011      | MILLIARI  | CONSTRUCTION | PROJEC | I DATA     | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION   |           |              |        |            | •           |
|                   |              |           |              |        |            |             |
| Dwyer, Afghani    | stan         |           |              |        |            |             |
| 4.PROJECT TITLE   |              |           |              | 5      | .PROJECT 1 | UMBER       |
|                   |              |           |              |        |            |             |
| Command & Cont    | rol Facility |           |              |        |            | 75202       |

IMPACT IF NOT PROVIDED: If this project is not provided, US Forces will not have a designated location for command and control after being deployed to the Afghanistan Area of Responsibility (AOR). Without a place to conduct missions, provide command & control of aircraft and ground forces, US capabilities will be significantly degraded, resulting in decreased operating capacity.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | <u>DEC 2009</u> |
|-----|--|-----------------|
| (b) | Percent Complete As Of January 2010              | 10.00           |
| (C) | Date 35% Designed                                | <u>JUN 2010</u> |
| (d) | Date Design Complete                             | NOV 2010        |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO              |
| (f) | Type of Design Contract: Design-bid-build        |                 |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|-----|--|----------|
|     | (a) Production of Plans and Specifications           | 192      |
|     | (b) All Other Design Costs                           | 96       |
|     | (c) Total Design Cost                                | 288      |
|     | (d) Contract   | 192      |
|     | (e) In-house   | 96       |
| (4) | Construction Contract Award                          | JAN 2011 |
| (5) | Construction Start                                   | FEB 2011 |
| (6) | Construction Completion                              | FEB 2012 |

| 1.COMPONENT       |           | 0011   | MTT TEN DA | CONCEDUCATION | DDO TE |         | 2.DATE |       |      |
|-------------------|-----------|--------|------------|---------------|--------|---------|--------|-------|------|
|                   | F. X      | 2011   | MILITARY   | CONSTRUCTION  | PROJEC | TI DATA |        |       |      |
| ARMY              |           |        |            |               |        |         | 23     | JAN 2 | 2010 |
| 3.INSTALLATION AN | D LOCATIO | N      |            |               |        |         |        |       |      |
|                   |           |        |            |               |        |         |        |       |      |
| Dwyer, Afghan:    | istan     |        |            |               |        |         |        |       |      |
| 4.PROJECT TITLE   |           |        |            |               | !      | PROJECT | NUMBER |       |      |
|                   |           |        |            |               |        |         |        |       |      |
| Command & Cont    | rol Fac   | cility |            |               |        |         |        | 75202 |      |
|                   |           |        |            |               |        |         |        |       |      |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1 001/2017777          |             |           |          |          |       |         |         |          |           |                | 0 0000     |                        |
|------------------------|-------------|-----------|----------|----------|-------|---------|---------|----------|-----------|----------------|------------|------------------------|
| 1.COMPONENT            | EV 00       | \11       | мтт      | T TT 7 T | N CC  | NT CITT | OTTOM T | ОИ D.    | ד מח      | אשע האשי       | 2.DATE     |                        |
| 7 17 18 17 1           | FY 20       | )         | MITT     | TIAR     | ir CC | MSII    | KUCII   | JN P.    | ROUI      | ECT DATA       |            | TAN 0010               |
| ARMY 3.INSTALLATION AN | ד רכאיייו   | r O NI    |          |          |       | I       | 4.PROJ  | דיריי יי | ם זייי די | ı              |            | JAN 2010               |
|                        | D LOCALI    | LOIN      |          |          |       |         | 4.PROU  | ECI I    | TILL      | •              |            |                        |
| Dwyer                  |             |           |          |          |       |         | ъ.      |          |           | 7              |            |                        |
| Afghanistan            | , 1         |           |          |          |       | DD 0 TF |         | _        | ıng       | Apron          |            | 10)                    |
| 5.PROGRAM ELEMENT      |             | 6.CATE    | ORY CODI | E        | ٦,٠   | PROJE   | CT NUM  | IBER     |           |                | COST (\$00 | •                      |
| 04.04.07               |             |           |          |          |       |         |         | _        |           | Auth<br>Approp | 44,        |                        |
| 01010A                 |             |           | 113      | 0        | COCE  | D.C.    | 7520    | 3        |           | T.PPI OP       | 44,        | 000                    |
|                        |             |           |          | 9        | .COST | EST.    | MATES   |          |           | -              |            |                        |
| PRIMARY FACIL          | ITEM<br>ITY |           |          | UM       | (M/E  | )       |         | QUANT    | TITY      |                | UNIT COST  | COST (\$000)<br>36,138 |
| Apron Expansio         |             |           |          | m2       | (SF)  |         | 123,    | 473      | ( :       | 1329052)       | 272.00     |                        |
| Navigational I         |             | ıa        |          | LS       | ,     |         | ,       |          |           | ,              |            | (700)                  |
| Apron Security         | _           | _         |          | LS       |       |         |         |          |           |                |            | (1,853)                |
| _                      |             | J         |          |          |       |         |         |          |           |                |            | . ,                    |
|                        |             |           |          |          |       |         |         |          |           |                |            |                        |
|                        |             |           |          |          |       |         |         |          |           |                |            |                        |
| SUPPORTING FAC         | CILITIE     | <u>ES</u> |          |          |       |         |         |          |           |                |            | 2,688                  |
| Electric Servi         | ice         |           |          | LS       |       |         |         |          |           |                |            | (332)                  |
| Site Imp( 2,35         | 56) Dem     | no (      | )        | LS       |       |         |         |          |           |                |            | (2,356)                |
|                        |             |           |          |          |       |         |         |          |           |                |            |                        |
|                        |             |           |          |          |       |         |         |          |           |                |            |                        |
|                        |             |           |          |          |       |         |         |          |           |                |            |                        |
|                        |             |           |          |          |       |         |         |          |           |                |            |                        |
|                        |             |           |          |          |       |         |         |          |           |                |            |                        |
|                        |             |           |          |          |       |         |         |          |           |                |            |                        |
|                        |             |           |          |          |       |         |         |          |           |                |            |                        |
| ESTIMATED CONT         | TRACT C     | COST      |          |          |       |         |         |          |           |                |            | 38,826                 |
| CONTINGENCY            | (5.00%)     |           |          |          |       |         |         |          |           |                |            | 1,941                  |
| SUBTOTAL               |             |           |          |          |       |         |         |          |           |                |            | 40,767                 |
| SUPV, INSP & C         | OVERHEA     | AD (7     | .70%)    |          |       |         |         |          |           |                |            | 3,139                  |
| TOTAL REQUEST          |             |           |          |          |       |         |         |          |           |                |            | 43,906                 |
| TOTAL REQUEST          | (ROUNI      | DED)      |          |          |       |         |         |          |           |                |            | 44,000                 |
| INSTALLED EQT-         | -OTHER      | APPRO     | P        |          |       |         |         |          |           |                |            | (0)                    |
| 10.Description of Prop | osed Const  | ruction   | Con      | gtri     | ict a | n es    | rtens   | ion ·    | to t      | he exis        | ting avi   | ation                  |

10.Description of Proposed Construction Construct an extension to the existing aviation parking ramp. This extension will include all associated taxiways, lighting, and markings for rotary wing aircraft. Parking spaces will be provided for 28 rotary and fixed wing aircraft, all designed to accommodate CH-47's and will include grounding, and tie-down points. Supporting facilities include utilities, drainage, and site improvements. Antiterrorism/Force Protection measures will be included.

11. REQ: 123,473 m2 ADQT: NONE SUBSTD: 123,473 m2
PROJECT: Construct a Rotary Wing Apron at Dwyer, Afghanistan. (Current Mission)

<u>REQUIREMENT:</u> Dwyer is essential to US operations in Regional Command-South (RC-S), Afghanistan. Dwyer must have the capability to project multiple types of rotary wing aircraft. Adequate facilities are required to sustain safe launch and recovery of helicopters. The FY09 MILCON project at Dwyer, Rotary Wing Ramp and Taxiway, will provide parking for 12-15 aircraft. An additional requirement of 28 helicopters are planned for Dwyer. This additional parking is required to accommodate these aircraft.

| I.COMPONENT       | FV 2       | 2011 MILITARY     | CONSTRUCTION | PROJECT |                                       | 2.DATE |       |      |
|-------------------|------------|-------------------|--------------|---------|---------------------------------------|--------|-------|------|
| ARMY              | 11 2       | .011 111111111111 |              | INCOLCI | 211111                                | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATION |                   |              |         | · · · · · · · · · · · · · · · · · · · |        |       |      |
| Dwyer, Afghani    | istan      |                   |              |         |                                       |        |       |      |
| 4.PROJECT TITLE   |            |                   |              | 5.P     | ROJECT N                              | UMBER  |       |      |
| Rotary Wing Ap    | oron       |                   |              |         |                                       | 7      | 75203 |      |

CURRENT SITUATION: Currently, Dwyer does not have adequate parking areas to support aircraft operations. Expeditionary parking is provided on AM-2(Airfield Matting) and gravel and is the Initial Operating Capability (IOC) solution. Foreign Object Debris (FOD) is prevalent and increases risk of damage to valuable aircraft and injury to personnel. AM2 and gravel requires continuous maintenance and cannot support sustained operations. The FY09 project, Rotary Wing Ramps and Taxiways, will meet only one third of the Final Operating Capability (FOC) helicopter parking requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, twenty eight (28) aircraft will continue to park and operate on expeditionary surfaces. Risk of damage to valuable aircraft and risk of injury to personnel will increase,

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

resulting in degraded combat effectiveness.

(1) Status:

| (a) | Date Design Started                              | OCT 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | MAR 2010 |
| (d) | Date Design Complete                             | OCT 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
|     |  |          |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:

|     | (a) Standard or Definitive Design: NO   |                       |
|-----|---|-----------------------|
| (3) | Total Design Cost (c) = (a)+(b) OR (d)+(e):  (a) Production of Plans and Specifications.  (b) All Other Design Costs.  (c) Total Design Cost.  (d) Contract.  (e) In-house. | 815<br>2,446<br>1,631 |
| (4) | Construction Contract Award   | DEC 2010              |
| (5) | Construction Start  | JAN 2011              |

| I.COMPONENT        |           |      |          |              |       |             | 2.DATE      |
|--------------------|-----------|------|----------|--------------|-------|-------------|-------------|
|                    | FY        | 2011 | MILITARY | CONSTRUCTION | PROJE | CT DATA     |             |
| ARMY               |           |      |          |              |       |             | 23 JAN 2010 |
| 3.INSTALLATION AND | D LOCATIO | N    |          |              |       |             |             |
|                    |           |      |          |              |       |             |             |
| Dwyer, Afghani     | stan      |      |          |              |       |             |             |
| 4.PROJECT TITLE    |           |      |          |              |       | 5.PROJECT 1 | NUMBER      |
|                    |           |      |          |              |       |             |             |
| Rotary Wing Ap     | ron       |      |          |              |       |             | 75203       |
|                    |           |      |          |              |       |             |             |
|                    |           |      |          |              |       |             |             |
|                    |           |      |          |              |       |             |             |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

cher appropriacions.

Fiscal Year

Equipment Nomenclature

Procuring Appropriation Appropriated Cost Or Requested (\$000)

NONE

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT             |            |           |        |        |       |          |         |       |          | 2.DATE     |              |
|-------------------------|------------|-----------|--------|--------|-------|----------|---------|-------|----------|------------|--------------|
|                         | FY 2       | 011       | MIL    | ITARY  | CON   | STRUCT   | ION P   | ROJI  | ECT DATA |            |              |
| ARMY                    |            |           |        |        |       |          |         |       |          | 23         | JAN 2010     |
| 3.INSTALLATION AN       | D LOCAT    | ION       |        |        |       | 4.PRC    | OJECT T | TITLE |          | •          |              |
| Frontenac               |            |           |        |        |       |          |         |       |          |            |              |
| Afghanistan             |            |           |        |        |       | Wag      | tewat   | er '  | Treatmen | t Facili   | F37          |
| 5. PROGRAM ELEMENT      | 1          | 6.CATEGOR | v code | 1      | 7 DE  | ROJECT N |         | CI.   | 1        | COST (\$00 | _            |
| 5.PROGRAM ELEMENT       |            | 6.CATEGOR | I CODE |        | /. Pr | COECI N  | OMDEK   |       | Auth     |            | •            |
|                         |            |           |        |        |       |          |         |       | Approp   | •          | 200          |
| 01010A                  |            | 83        | 1      |        |       | 752      |         |       | Арргор   | 4,         | 200          |
|                         |            |           |        | 9.C    | OST I | ESTIMATE | S       |       |          |            |              |
|                         | ITEM       |           |        | 1) MU  | M/E)  |          | QUAN'   | TITY  |          | UNITCOST   | COST (\$000) |
| PRIMARY FACILI          | TY         |           |        |        | , .   |          | ~       |       |          |            | 3,160        |
| Wastewater Tre          |            | t Facili  | tv     | L/d(I  | KG)   | 317      | ,975    | (     | 84,000)  | 9.90       | (3,148       |
| Building Infor          |            |           |        | LS     | ,     | 01.      | , , , , | `     | 02,000,  |            | (12          |
| building infor          | · IIIacio  | n byscem  | D      | ПО     |       |          |         |       |          |            | (12          |
|                         |            |           |        |        |       |          |         |       |          |            |              |
|                         |            |           |        |        |       |          |         |       |          |            |              |
|                         |            |           |        |        |       |          |         |       |          |            |              |
|                         |            |           |        |        |       |          |         |       |          |            |              |
| SUPPORTING FAC          | CILITI     | ES        |        |        |       |          |         |       |          |            | 571          |
| Electric Servi          | Lce        |           |        | LS     |       |          |         |       |          |            | (139         |
| Water, Sewer,           |            |           |        | LS     |       |          |         |       |          |            | (24          |
| Site Imp( 13            |            | mo (      | ١      | LS     |       |          |         |       |          |            | (135         |
| _                       |            |           | ,      | LS     |       |          |         |       |          |            |              |
| Information Sy          | /stems     |           |        | LS     |       |          |         |       |          |            | (273         |
|                         |            |           |        |        |       |          |         |       |          |            |              |
|                         |            |           |        |        |       |          |         |       |          |            |              |
|                         |            |           |        |        |       |          |         |       |          |            |              |
|                         |            |           |        |        |       |          |         |       |          |            |              |
|                         |            |           |        |        |       |          |         |       |          |            |              |
| ESTIMATED CONT          | ים ז כידי  | COST      |        |        |       |          |         |       |          |            | 3,731        |
|                         |            |           |        |        |       |          |         |       |          |            |              |
|                         | (5.00%     | )         |        |        |       |          |         |       |          |            | 187          |
| SUBTOTAL                |            |           |        |        |       |          |         |       |          |            | 3,918        |
| SUPV, INSP & C          | OVERHE     | AD (7.7   | 0왕)    |        |       |          |         |       |          |            | 302          |
| TOTAL REQUEST           |            |           |        |        |       |          |         |       |          |            | 4,220        |
| TOTAL REQUEST           | (ROUN      | DED)      |        |        |       |          |         |       |          |            | 4,200        |
| INSTALLED EQT-          |            |           |        |        |       |          |         |       |          |            | . (          |
| 10.Description of Propo | osed Const | ruction   | Cons   | t ruct | ⊢ a   | Wagtew   | ater    | Tre   | tment F  | acility.   | The new      |
| facility will           |            |           |        |        |       |          |         |       |          |            |              |
| _                       |            |           | _      |        |       |          |         |       |          | _          |              |
| Aeration Chamb          |            |           |        |        |       |          |         | ntad  | ct Chamb | er. Supp   | orting       |
| facilities inc          | clude      | site pre  | parat  | cion a | and   | utilit   | ies.    |       |          |            |              |
|                         |            |           |        |        |       |          |         |       |          |            |              |
| 11. REQ:                | 317        | ,975 L/d  | ADQ    | Γ:     |       | NO       | NE      | Sī    | JBSTD:   | 31         | 7,975 L/d    |
| PROJECT: Cons           | struct     | a Waste   | watei  | r Trea | atme  | nt Fac   | ilitv   | at    | Fronten  | ac, Afgha  | anistan.     |
| (Current Missi          |            |           |        |        |       |          | - 1     |       |          | · · ,      |              |
| REQUIREMENT:            |            | project   | iar    | 20000  | - A   | ronla    | ao th   | 0 01  | irront w | astewate:  | r            |
|                         |            |           |        |        |       |          |         |       |          |            | L            |
| collection sys          |            | _         | _      |        |       |          |         |       |          |            |              |
| environmental           |            |           |        |        |       |          |         |       |          |            |              |
| proposed waste          |            |           | -      | •      |       | -        |         | ust   | be able  | to proce   | ess          |
| 84,000 Gal dai          | lly in     | support   | of 1   | 1,200  | per   | sonnel   |         |       |          |            |              |
| CURRENT SITUAT          |            |           |        |        |       |          |         | cte   | d at the | source     |              |
| (latrines, liv          |            |           | _      |        |       |          |         |       |          |            | ka           |
|                         | _          |           | _      |        |       |          | _       |       | _        | _          |              |
| (SSTs) and tru          |            |           |        |        |       |          |         |       |          |            |              |
| sanitary sewag          | -          |           |        |        |       |          |         |       | _        |            | -            |
| it off-base. A          |            |           |        |        |       |          |         |       |          |            |              |
| the sewage pla          | aces t     | he insta  | llati  | ion at | t ri  | sk of    | excee   | ding  | g its li | mited st   | orage        |
| capacity.               |            |           |        |        |       |          |         |       |          |            |              |

| 1.COMPONENT       |            |        |          |              |        |            | 2.DATE      |
|-------------------|------------|--------|----------|--------------|--------|------------|-------------|
|                   | FY :       | 2011   | MILITARY | CONSTRUCTION | PROJEC | T DATA     |             |
| ARMY              |            |        |          |              |        |            | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION | N      |          |              |        |            |             |
|                   |            |        |          |              |        |            |             |
| Frontenac, Afg    | ghanista   | n      |          |              |        |            |             |
| 4.PROJECT TITLE   |            |        |          |              | 5      | .PROJECT N | IUMBER      |
|                   |            |        |          |              |        |            |             |
| Wastewater Tre    | eatment 1  | Facili | ty       |              |        |            | 75213       |

IMPACT IF NOT PROVIDED: Without a self-sufficient wastewater treatment facility at Frontenac, contracted sewage trucks will continue to collect and dispose of the raw sewage. Personnel will be faced with health risks if sewage collection is disrupted. The US will continue paying a high cost to contract this service, while also providing personnel resources to monitor and oversee these contractor trucks while on the installation.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

### SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | <u>JAN 2010</u> |
|-----|--|-----------------|
| (b) | Percent Complete As Of January 2010              | .00             |
| (C) | Date 35% Designed                                | JUL 2010        |
| (d) | Date Design Complete                             | DEC 2010        |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO              |
| (f) | Type of Design Contract: Design-bid-build        |                 |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|-----|--|----------|
|     | (a) Production of Plans and Specifications           | 188      |
|     | (b) All Other Design Costs                           | 94       |
|     | (c) Total Design Cost                                | 282      |
|     | (d) Contract   | 188      |
|     | (e) In-house   | 94       |
| (4) | Construction Contract Award                          | APR 2011 |

(6) Construction Completion.................................. MAR 2012

| 1.COMPONENT                   |                        |      |          |              |       |         | 2.DATE |     |      |
|-------------------------------|------------------------|------|----------|--------------|-------|---------|--------|-----|------|
|                               | FY                     | 2011 | MILITARY | CONSTRUCTION | PROJE | CT DATA |        |     |      |
| ARMY                          |                        |      |          |              |       |         | 23     | JAN | 2010 |
| 3.INSTALLATION AN             | D LOCATIO              | N    |          |              |       |         |        |     |      |
|                               |                        |      |          |              |       |         |        |     |      |
| Frontenac, Afg                | Frontenac, Afghanistan |      |          |              |       |         |        |     |      |
| 4.PROJECT TITLE 5.PROJECT NU  |                        |      |          |              |       | NUMBER  |        |     |      |
|                               |                        |      |          |              |       |         |        |     |      |
| Wastewater Treatment Facility |                        |      |          |              |       | 75213   |        |     |      |
|                               |                        |      |          |              |       |         |        |     |      |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT   |   |                 |       |       |               |       |           | 2.DATE     |              |  |
|---|---|-----------------|-------|-------|---------------|-------|-----------|------------|--------------|--|
|   | FY 2  | 011 MIL         | ITAR  | Y CON | STRUCTION 1   | PROJI | ECT DATA  |            |              |  |
| ARMY  |   |                 |       |       |               |       |           | 23         | JAN 2010     |  |
| 3.INSTALLATION AN   | 3.INSTALLATION AND LOCATION 4.PROJECT TITLE |                 |       |       |               |       |           |            |              |  |
| Frontenac   |   |                 |       |       |               |       |           |            |              |  |
| Afghanistan Waste Management Complex  |   |                 |       |       |               |       |           |            |              |  |
| 5.PROGRAM ELEMENT   | 1   | 6.CATEGORY CODE | 2     | 7.P   | ROJECT NUMBER |       | 8.PROJECT | COST (\$00 | 0)           |  |
|   |   |                 |       |       |               |       | Auth      | 4,         | 200          |  |
| 01010A  |   | 833             |       |       | 75219         |       | Approp    | 4,         | 4,200        |  |
|   |   |                 | 9     | .COST | ESTIMATES     |       |           |            |              |  |
|   | ITEM  |                 | UM    | (M/E) | QUAN          | TITY  |           | UNITCOST   | COST (\$000) |  |
| PRIMARY FACILI  | YTI   |                 |       |       |               |       |           |            | 3,372        |  |
| Incinerator Ur  | nits  |                 | kg    | (TON) | 7,255         | (     | 8)        | 204.82     | (1,486)      |  |
| Covered Storag  | ge & S                                      | orting Fac      | m2    | (SF)  | 696.77        | (     | 7,500)    | 697.10     | (486)        |  |
| Ash Landfill  |   |                 | m2    | (SF)  | 2,462         | (     | 26,500)   | 139.07     | (342)        |  |
| Waste Manageme  | ent Of                                      | fice            | m2    | (SF)  | 60            | (     | 645.83)   | 2,018      | (121)        |  |
| Medical Incine  | erator                                      |                 | EΑ    |       | 1             |       |           | 586,000    | (586)        |  |
| Total from (  | Contin                                      | uation page     |       |       |               |       |           |            | (351)        |  |
| SUPPORTING FAC  | CILITI                                      | ES              |       |       |               |       |           |            | 360          |  |
| Electric Servi  | Lce   |                 | LS    |       |               |       |           |            | (167)        |  |
| Water, Sewer,   | Gas   |                 | LS    |       |               |       |           |            | (18)         |  |
| Site Imp( 15  | 57) De                                      | mo()            | LS    |       |               |       |           |            | (157)        |  |
| Information Sy  | stems                                       |                 | LS    |       |               |       |           |            | (18)         |  |
|   |   |                 |       |       |               |       |           |            |              |  |
|   |   |                 |       |       |               |       |           |            |              |  |
|   |   |                 |       |       |               |       |           |            |              |  |
|   |   |                 |       |       |               |       |           |            |              |  |
|   |   |                 |       |       |               |       |           |            |              |  |
| ESTIMATED CONT  | TRACT                                       | COST            |       |       |               |       |           |            | 3,732        |  |
| CONTINGENCY   | (5.00%                                      | )               |       |       |               |       |           |            | 187          |  |
| SUBTOTAL  |   |                 |       |       |               |       |           |            | 3,919        |  |
| SUPV, INSP & C  | OVERHE.                                     | AD (7.70%)      |       |       |               |       |           |            | 302          |  |
| TOTAL REQUEST   |   |                 |       |       |               |       |           |            | 4,221        |  |
| TOTAL REQUEST   | (ROUN                                       | DED)            |       |       |               |       |           |            | 4,200        |  |
| INSTALLED EQT-  | OTHER                                       | APPROP          |       |       |               |       |           |            | ()           |  |
| 10.Description of Prop  | osed Const                                  | truction Con    | stru  | ct a  | Waste Manga   | ageme | ent Comp  | lex. Pri   | mary         |  |
| facilities ind  | clude                                       | 8 ton per day   | y in  | ciner | ator (mult:   | iple  | units),   | medical    | waste        |  |
| incinerator, o  | covere                                      | d storage and   | d so  | rting | facility,     | an a  | administ  | rative f   | acility,     |  |
| ash landfill,   | compo                                       | st and recyc    | ling  | faci  | lities. The   | e ind | cinerato  | rs must    | operate      |  |
| using fuel or   | waste                                       | oil. Support    | ting  | faci  | lities incl   | lude  | electri   | cal serv   | ice,         |  |
| utilities, sit  | e imp                                       | rovements, pa   | avem  | ents  | and drainag   | ge.   |           |            |              |  |
|   |   |                 |       |       |               |       |           |            |              |  |
| 11. REQ:  | 7   | ,257 kg ADQ'    | Γ:    |       | NONE          | ST    | JBSTD:    |            | 7,257 kg     |  |
| PROJECT: Construct a Waste Management Complex at Frontenac, Afghanistan.      |   |                 |       |       |               |       |           |            |              |  |
| (Current Missi  | lon)  |                 |       |       |               |       |           |            |              |  |
| REQUIREMENT: Frontenac is a Battalion-sized location that will require        |   |                 |       |       |               |       |           |            |              |  |
| efficient infr  |   |                 |       |       |               |       |           | _          |              |  |
| (RC-S). A comprehensive waste management complex is required to meet          |   |                 |       |       |               |       |           |            |              |  |
| environmental requirements at Frontenac. There are several projects planned,  |   |                 |       |       |               |       |           |            |              |  |
| including housing and dining facility, that will produce significant amounts  |   |                 |       |       |               |       |           |            |              |  |
| of solid waste. This facility will ensure proper stewardship of Afghanistan's |   |                 |       |       |               |       |           |            |              |  |
| environment. Antiterrorism/Force Protection measures will be included.        |   |                 |       |       |               |       |           |            |              |  |
| CURRENT SITUATION: Currently, waste is disposed of through burning in open    |   |                 |       |       |               |       |           |            |              |  |
| pits or burying it in land fills. These methods create unsafe, unhealthy      |   |                 |       |       |               |       |           |            |              |  |
| lomingions in   | -<br>-                                      |                 | G1130 |       | ling oir on   | J     | ,<br>     | ~          | -            |  |

DD  $_{1\ DEC\ 76}^{FORM}$  1391

emissions, and contaminates the surrounding air and ground. It creates a

| 1 001/001/71/7     |                    |                   |            |             |             | 0 53.55    |           |  |
|--------------------|--------------------|-------------------|------------|-------------|-------------|------------|-----------|--|
| 1.COMPONENT        | FY 2011 MIL        | ΤͲΛΕ              | V COMETEII | CTION PROJE | מרש האשא    | 2.DATE     |           |  |
| ARMY               | 11 2011 1111       | ITIM              | CI CONDING | CIION INOUI | JCI DAIA    | 23         | JAN 2010  |  |
| 3.INSTALLATION AND | D LOCATION         |                   |            |             |             | 1 23       | 0111 2010 |  |
|                    |                    |                   |            |             |             |            |           |  |
| Frontenac, Afg     | ghanistan          |                   |            |             |             |            |           |  |
| 4.PROJECT TITLE    |                    |                   |            |             | 5.PROJECT 1 | NUMBER     |           |  |
|                    |                    |                   |            |             |             |            |           |  |
| Waste Manageme     | nt Complex         |                   |            |             |             | 75219      |           |  |
|                    |                    |                   |            |             |             |            |           |  |
| 9. COST ESTI       | MATES (CONTINUED)  | -                 |            |             |             |            |           |  |
|                    |                    |                   | ( (-)      |             |             | Unit       | Cost      |  |
| Item               |                    | UM                | (M/E)      | QUANTITY    |             | COST       | (\$000)   |  |
| DDIMADA DACIII     | TY (CONTINUED)     |                   |            |             |             |            |           |  |
| Compost Facili     |                    | EΑ                |            | 1           |             | 83,000     | (83)      |  |
| Hazardous Mate     | <del>-</del>       | EA                |            | 1           | -           | 108,000    | (108)     |  |
| Recycling Faci     |                    | EA                |            | 1           |             | 113,000    | (113)     |  |
| Antiterrorism      |                    | LS                |            |             | -           |            | (30)      |  |
|                    | rmation Systems    | LS                |            |             |             |            | (17)      |  |
| barraring miror    | macion byseems     | ПО                |            |             |             | Total      | 351       |  |
|                    |                    |                   |            |             |             | 10001      | 331       |  |
| CURRENT SITUAT     | CION: (CONTINUED   | ))                |            |             |             |            |           |  |
|                    | sonnel and potenti | <u>-</u><br>.al : | long-term  | harm to the | e local e   | nvironme   | ent.      |  |
| IMPACT IF NOT      | _                  |                   | _          | ct, Fronte  |             |            |           |  |
|                    | t the facilites r  |                   |            |             |             |            |           |  |
| _                  | US-generated wast  | _                 | _          |             | _           |            |           |  |
| remediate in t     | _                  |                   |            |             |             |            |           |  |
| ADDITIONAL:        | All required phys  | sical             | l security | and antite  | errorism/   | force      |           |  |
|                    | sures will be inc  |                   | _          |             |             |            | e         |  |
|                    | to the development |                   |            |             |             |            |           |  |
| _                  | ential will be inc |                   | _          |             |             |            |           |  |
| _                  | 3) will be submitt | _                 |            |             |             | _          | J         |  |
|                    |                    |                   |            |             |             |            |           |  |
| 12. SUPPLEMEN      | ITAL DATA:         |                   |            |             |             |            |           |  |
|                    | nated Design Data: |                   |            |             |             |            |           |  |
| (1)                | Status:            |                   |            |             |             |            |           |  |
|                    | (a) Date Design    |                   |            |             |             |            |           |  |
|                    | (b) Percent Comp   |                   |            |             |             |            |           |  |
|                    | (c) Date 35% Des   |                   |            |             |             |            |           |  |
|                    | (d) Date Design    | Comp              | plete      |             |             | 00         | T 2010    |  |
|                    | (e) Parametric C   | Cost              | Estimatin  | g Used to I | Develop Co  | osts       | NO        |  |
|                    | (f) Type of Desi   | .gn (             | Contract:  | Design-bio  | d-build     |            |           |  |
|                    |                    |                   |            |             |             |            |           |  |
| (2)                | Basis:             |                   |            |             |             |            |           |  |
|                    | (a) Standard or    | Def:              | initive De | sign: NO    |             |            |           |  |
|                    |                    |                   |            |             |             |            |           |  |
| (3)                | Total Design Cost  |                   |            |             |             |            | \$000)    |  |
|                    | (a) Production of  |                   |            |             |             |            |           |  |
|                    | (b) All Other De   | sign              | n Costs    |             |             |            | 69        |  |
|                    | (c) Total Design   |                   |            |             |             |            |           |  |
|                    | (d) Contract       |                   |            |             |             |            |           |  |
|                    | (e) In-house       |                   |            |             |             |            | 69        |  |
|                    |                    |                   |            |             |             |            |           |  |
| (4)                | Construction Cont  | ract              | Award      |             |             | <u>D</u> E | C 2010    |  |
| 1                  |                    |                   |            |             |             |            |           |  |

| 1.COMPONENT            |                       |                        |                  | 2.DATE    |   |  |  |  |  |  |  |
|------------------------|-----------------------|------------------------|------------------|-----------|---|--|--|--|--|--|--|
|                        | FY 2011 MILITA        | ARY CONSTRUCTION PROJE | CT DATA          |           |   |  |  |  |  |  |  |
| ARMY                   |                       |                        |                  | 23 JA     | N 2010  |  |  |  |  |  |  |
| 3.INSTALLATION AN      | D LOCATION            |                        |                  |           |   |  |  |  |  |  |  |
|                        |                       |                        |                  |           |   |  |  |  |  |  |  |
| Frontenac, Afghanistan |                       |                        |                  |           |   |  |  |  |  |  |  |
| 4.PROJECT TITLE        |                       |                        | 5.PROJECT NUMBER |           |   |  |  |  |  |  |  |
|                        |                       |                        |                  |           |   |  |  |  |  |  |  |
| Waste Manageme         | ent Complex           |                        |                  | 752       | 19  |  |  |  |  |  |  |
|                        |                       |                        |                  |           |   |  |  |  |  |  |  |
| 12. SUPPLEMEN          | NTAL DATA: (Continued | i)                     |                  |           |   |  |  |  |  |  |  |
| A. Estir               | mated Design Data: (0 | Continued)             |                  |           |   |  |  |  |  |  |  |
|                        | 5                     |                        |                  |           |   |  |  |  |  |  |  |
| (5)                    | Construction Start.   |                        |                  | JAN       | 2011  |  |  |  |  |  |  |
|                        |                       |                        |                  |           |   |  |  |  |  |  |  |
| (6)                    | Construction Complet  | cion                   |                  | JAN       | 2012  |  |  |  |  |  |  |
|                        |                       |                        |                  |           |   |  |  |  |  |  |  |
|                        |                       |                        |                  |           |   |  |  |  |  |  |  |
| B. Equip               | oment associated with | n this project which w | ill be pr        | ovided fr | om  |  |  |  |  |  |  |
| other approp           |                       |                        | -                |           |   |  |  |  |  |  |  |
|                        |                       |                        | Fisca            | l Year    |   |  |  |  |  |  |  |
| Equipment              |                       | Procuring              | Appro            | priated   | Cost  |  |  |  |  |  |  |
| Nomenclati             | ıre                   | Appropriation          |                  | quested   | (\$000)                                       |  |  |  |  |  |  |
|                        |                       | _FF -P                 | <u> </u>         | 1         | <u>, , , , , , , , , , , , , , , , , , , </u> |  |  |  |  |  |  |
| NA                     |                       |                        |                  |           |   |  |  |  |  |  |  |
|                        |                       |                        |                  |           |   |  |  |  |  |  |  |
|                        |                       |                        |                  |           |   |  |  |  |  |  |  |
|                        |                       |                        |                  |           |   |  |  |  |  |  |  |

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT                     |                 |                           |                |        |  |                        | 2.DATE              |                     |
|---------------------------------|-----------------|---------------------------|----------------|--------|--|------------------------|---------------------|---------------------|
| I.COMPONENT                     | FY 2            | ∩11 MT                    | Τ.ΤͲΔϜ         | SA GU. | NSTRUCTION PRO   | TECT DATA              |                     |                     |
| ARMY                            | 11 2            | 011 111                   |                | (1 00. | NOTICOLION TRO   | oner britis            |                     | JAN 2010            |
| 3.INSTALLATION AN               | D LOCAT         | ION                       |                |        | 4.PROJECT TIT  | LE                     |                     | 01111 2010          |
| Jalalabad                       |                 |                           |                |        |  |                        |                     |                     |
| Afghanistan                     |                 |                           |                |        | Rotary Win   | g Parking              |                     |                     |
| 5.PROGRAM ELEMENT               |                 | 6.CATEGORY CO             | DE             | 7.E    | PROJECT NUMBER   | <u> </u>               | COST (\$00          | 0)                  |
|                                 |                 |                           |                |        |  | Auth                   | 1,                  | 100                 |
| 01010A                          |                 | 113                       |                |        | 73801  | Approp                 | 1,                  | 100                 |
|                                 | •               |                           | 9              | .COST  | ESTIMATES  | •                      |                     |                     |
|                                 | ITEM            |                           | UM             | (M/E)  | QUANTIT  | Y                      | UNITCOST            | COST (\$000)        |
| PRIMARY FACILI                  | TY              |                           |                |        | ~  |                        |                     | 612                 |
| Airfield Apror                  | ns, Co          | ncrete                    | m2             | (SF)   | 5,600 (  | 60,278)                | 75.00               | (420)               |
| Airfield Apror                  | ns, A/          | C Surface                 | m2             | (SF)   | 1,600 (  | 17,222)                | 70.00               | (112)               |
| Grounding & Ti                  | edown           | S                         | EA             |        | 50   |                        | 1,600               | (80)                |
|                                 |                 |                           |                |        |  |                        |                     |                     |
| SUPPORTING FAC                  | CILITI          | ES                        |                |        |  |                        |                     | 360                 |
| Electric Servi                  | .ce             |                           | LS             |        |  |                        |                     | (240)               |
| Water, Sewer,                   | Gas             |                           | LS             |        |  |                        |                     | (36)                |
| Site Imp( 7                     | 72) Dei         | mo ( )                    | LS             |        |  |                        |                     | (72)                |
| Antiterrorism                   | Measu           | res                       | LS             |        |  |                        |                     | (12)                |
| ESTIMATED CONT                  | TRACT (         | COST                      |                |        |  |                        |                     | 972                 |
| CONTINGENCY                     |                 |                           |                |        |  |                        |                     | 49                  |
| SUBTOTAL                        | (3.008          | ,                         |                |        |  |                        |                     | 1,021               |
| SUPV, INSP & C                  | VERHE           | AD (7.70%)                |                |        |  |                        |                     | 79                  |
| TOTAL REQUEST                   | , v <u> </u>    | (,,,,,,,,                 |                |        |  |                        |                     | 1,100               |
| TOTAL REQUEST                   | (ROUN           | DED)                      |                |        |  |                        |                     | 1,100               |
| INSTALLED EQT-                  |                 |                           |                |        |  |                        |                     | (0)                 |
| 10.Description of Prop          |                 |                           | nstrı          | ıct R  | otary Wing Par   | king to s              | upport c            |                     |
| tie-downs. Bar<br>fill erosion. | riers<br>Suppo: | between ai<br>rting facil | rcraf<br>ities | t wi   | arking pads, g<br>ll be capped w<br>lude site impr<br>on measures wi | ith concr<br>ovements, | ete to m<br>lightin | inimize             |
| 11. REQ: PROJECT: Cons          |                 |                           | QT:<br>ing E   | Parki  | NONE<br>ng at Jalalaba   | SUBSTD:<br>d, Afghan   |                     | 5,600 m2<br>Current |
| REQUIREMENT:                    | Jala            | labad Airfi               | eld            | (JAF)  | is essential   | to US one              | rations             | in                  |
|                                 |                 |                           |                |        | n. These facil   |                        |                     |                     |
|                                 |                 |                           |                |        | 0 rotary wing  |                        |                     |                     |
|                                 |                 |                           |                |        | north of the   |                        |                     |                     |
| Bravo Ramp.                     |                 |                           |                | 1      |  |                        | Pa                  |                     |
| CURRENT SITUAT                  | CION:           | Currently                 | , hel          | Licon  | ters in suppor   | t of comb              | at opera            | tions               |
|                                 |                 |                           |                |        | ted dirt pads.   |                        |                     |                     |
|                                 |                 |                           |                |        | Foreign Object   |                        |                     | -                   |
|                                 |                 |                           |                |        | age to aircraf   |                        |                     | ry to               |
| personnel.                      |                 |                           |                |        | -  |                        | _                   | _                   |

| I.COMPONENT       | FV 2011    | MTT.TTARV    | CONSTRUCTION | PROJEC | מייבת יי   | 2.DATE      |
|-------------------|------------|--------------|--------------|--------|------------|-------------|
| ARMY              | 11 2011    | 111111111111 | CONSTRUCTION | TROOLC | 1 271171   | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION |              |              |        |            |             |
|                   |            |              |              |        |            |             |
| Jalalabad, Afg    | ghanistan  |              |              |        |            |             |
| 4.PROJECT TITLE   |            |              |              | 5      | .PROJECT N | IUMBER      |
|                   |            |              |              |        |            |             |
| Rotary Wing Pa    | arking     |              |              |        |            | 73801       |

IMPACT IF NOT PROVIDED: If this project is not provided, adequate parking will not be available at Jalalabad. Parking on dirt pads will continue to expose aircraft to increased maintenance requirements and potential damage.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2010 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (c) | Date 35% Designed                                | JAN 2011 |
| (d) | Date Design Complete                             | FEB 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|-----|--|----------|
|     | (a) Production of Plans and Specifications           | 41       |
|     | (b) All Other Design Costs                           | 20       |
|     | (c) Total Design Cost                                | 61       |
|     | (d) Contract   | 41       |
|     | (e) In-house   | 20       |
|     |  |          |
| (4) | Construction Contract Award                          | MAR 2011 |
|     |  |          |
| (5) | Construction Start                                   | APR 2011 |
|     |  |          |
| (6) | Construction Completion                              | SEP 2011 |

| 1.COMPONENT       |            |      |          |              |       |             | 2.DATE      |
|-------------------|------------|------|----------|--------------|-------|-------------|-------------|
|                   | FY 2       | 2011 | MILITARY | CONSTRUCTION | PROJE | CT DATA     |             |
| ARMY              |            |      |          |              |       |             | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION | ſ    |          |              |       |             | •           |
|                   |            |      |          |              |       |             |             |
| Jalalabad, Afg    | ghanistar  | ı    |          |              |       |             |             |
| 4.PROJECT TITLE   |            |      |          |              |       | 5.PROJECT N | IUMBER      |
|                   |            |      |          |              |       |             |             |
| Rotary Wing Pa    | arking     |      |          |              |       |             | 73801       |
|                   |            |      |          |              |       |             |             |
|                   |            |      |          |              |       |             |             |

12. SUPPLEMENTAL DATA: (CONTINUED)

Equipment

Nomenclature

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Procuring Appropriated Cost
Appropriation Or Requested (\$000)

NONE

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT            |               |                 |       |        |              |       |           | 2.DATE     |              |
|------------------------|---------------|-----------------|-------|--------|--------------|-------|-----------|------------|--------------|
|                        | FY 2          | 011 MIL:        | ITARY | CONS   | STRUCTION F  | PROJE | ECT DATA  |            |              |
| ARMY                   |               |                 |       |        | 1            |       |           | 23         | JAN 2010     |
| 3.INSTALLATION AN      | D LOCAT       | 'ION            |       |        | 4.PROJECT    | TITLE |           |            |              |
| Kabul                  |               |                 |       |        |              |       |           |            |              |
| Afghanistan            |               |                 |       |        | C-IED Ta     | ısk I | Force Co  | mpound     |              |
| 5.PROGRAM ELEMENT      | ı             | 6.CATEGORY CODE | :     | 7.PR   | DJECT NUMBER |       | 8.PROJECT | COST (\$00 | 0)           |
|                        |               |                 |       |        |              |       | Auth      | 24,        | 000          |
| 01010A                 |               | 317             |       |        | 75148        |       | Approp    | 24,        | 000          |
|                        |               | L               | 9.0   | COST E | STIMATES     |       |           | •          |              |
|                        | ITEM          |                 | UM (  | M/E)   | QUAN         | TTTV  |           | UNIT COST  | COST (\$000) |
| PRIMARY FACIL          |               |                 | OM (  | M/E)   | QUAIN        | 1111  |           | UNII COSI  | 18,494       |
| Consolidated (         |               | d & Control     | m2 (  | CE)    | 5 761        | 1     | 62 011)   | 2 961      |              |
|                        |               |                 |       | SF)    | 5,761        | (     | 62,011)   | 2,961      |              |
| Security fenci         | _             | _               | LS    |        |              |       |           |            | (400)        |
| Building Infor         | rmatio        | n Systems       | LS    |        |              |       |           |            | (1,033)      |
|                        |               |                 |       |        |              |       |           |            |              |
|                        |               |                 |       |        |              |       |           |            |              |
|                        |               |                 |       |        |              |       |           |            |              |
| SUPPORTING FAC         | CILITI        | ES              |       |        |              |       |           |            | 2,646        |
| Electric Servi         |               |                 | LS    |        |              |       |           |            | (925)        |
| Water, Sewer,          |               |                 | LS    |        |              |       |           |            | (300)        |
| Paving, Walks,         |               | a Cuttora       | LS    |        |              |       |           |            | (450)        |
| _                      |               | s & Gullers     |       |        |              |       |           |            | ,            |
| Storm Drainage         |               | ,               | LS    |        |              |       |           |            | (150)        |
| Site Imp( 40           |               |                 | LS    |        |              |       |           |            | (400)        |
| Information Sy         | stems         |                 | LS    |        |              |       |           |            | (221)        |
| Antiterrorism          | Measu         | res             | LS    |        |              |       |           |            | (200)        |
|                        |               |                 |       |        |              |       |           |            |              |
|                        |               |                 |       |        |              |       |           |            |              |
| ESTIMATED CONT         | TRACT         | COST            |       |        |              |       |           |            | 21,140       |
| CONTINGENCY            | (5.00%        | )               |       |        |              |       |           |            | 1,057        |
| SUBTOTAL               | ,             | ,               |       |        |              |       |           |            | 22,197       |
| SUPV, INSP & (         | WEDUE.        | 7D (7 70%)      |       |        |              |       |           |            | 1,709        |
|                        | / V 12171112. | AD (7.70%)      |       |        |              |       |           |            |              |
| TOTAL REQUEST          | /DOINT        | D = D \         |       |        |              |       |           |            | 23,906       |
| TOTAL REQUEST          |               |                 |       |        |              |       |           |            | 24,000       |
| INSTALLED EQT-         |               |                 |       |        |              |       |           |            | ()           |
| 10.Description of Prop |               |                 |       |        | Counter-Imp  |       | _         |            |              |
| (C-IED) Task H         | Force         | (TF) Compound   | d. Pr | imary  | r facilitie  | es ir | nclude a  | consoli    | dated        |
| command and co         | ontrol        | building in     | cludi | ng ad  | lministrati  | .ve f | faciliti  | es, Secu   | re           |
| Compartmented          | Infor         | mation Facil:   | ity(S | CIF),  | and labor    | atoi  | ries. Su  | pporting   |              |
| facilities ind         |               |                 |       |        |              |       |           |            |              |
| utilities. Ant         |               |                 |       |        |              |       |           |            |              |
| dellicies. mid         | JICCII        | OIIDM, I OICC   | 1000  | CCIOI  | i ilicabares | arc   | Include   | <b>.</b>   |              |
| 11 DEO.                |               | ,761 m2 ADQ     | г.    |        | NONE         |       | JBSTD:    |            | 5,761 m2     |
| 11. REQ:               |               |                 |       |        |              |       |           |            |              |
|                        |               | facilities      |       |        |              |       |           |            |              |
| Device (C-IED)         |               |                 |       |        | -            |       |           |            |              |
| REQUIREMENT:           | The           | current faci:   | litie | s are  | not adequ    | ıate  | to suppo  | ort the    | C-IED        |
| Task Force and         | d thei        | r growing ro    | le an | d imp  | ortance in   | ope   | eration 1 | Enduring   |              |
| Freedom. A Con         |               |                 |       |        |              |       |           |            |              |
| support, conso         |               |                 |       | _      | _            | _     |           |            |              |
| CURRENT SITUAT         |               | The C-IED       |       |        |              |       |           | ultinle    |              |
| undersized fac         |               |                 |       |        | _            |       | _         | _          |              |
|                        |               | _               | _     | _      |              |       |           |            |              |
| effective comm         |               |                 |       |        |              |       |           |            | ment of      |
| resources and          | exami         | nation of Imp   | provi | sed E  | Explosive D  | evi   | ces(IEDs  | ).         |              |
|                        |               |                 |       |        |              |       |           |            |              |

| 1.COMPONENT       |              |          |              |         |            | 2.DATE      |
|-------------------|--------------|----------|--------------|---------|------------|-------------|
|                   | FY 2011      | MILITARY | CONSTRUCTION | PROJEC' | T DATA     |             |
| ARMY              |              |          |              |         |            | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION   |          |              |         |            |             |
|                   |              |          |              |         |            |             |
| Kabul, Afghani    | İstan        |          |              | _       |            |             |
| 4.PROJECT TITLE   |              |          |              | 5       | .PROJECT N | UMBER       |
|                   |              |          |              |         |            |             |
| C-IED Task For    | rce Compound |          |              |         |            | 75148       |

IMPACT IF NOT PROVIDED: The C-IED Task Force will continue to be split amongst various facilites on Bagram, leading to command and control difficulties and reduced effectiveness in their mission.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | OCT | 2009 |
|-----|--|-----|------|
| (b) | Percent Complete As Of January 2010              |     | .00  |
| (C) | Date 35% Designed                                | APR | 2010 |
| (d) | Date Design Complete                             | NOV | 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs |     | NO   |
| (f) | Type of Design Contract: Design-bid-build        |     |      |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Total Design Cost (c) = (a)+(b) OR (d)+(e): (a) Production of Plans and Specifications | (\$000)<br>740 |
|-----|--|----------------|
|     | (b) All Other Design Costs   |                |
|     | (c)Total Design Cost   |                |
|     | (e) In-house   |                |
| (4) | Construction Contract Award  | JAN 2011       |
| (5) | Construction Start   | MAR 2011       |
| (6) | Construction Completion  | SEP 2012       |

| 1.COMPONENT       |           |       |          |              |       |             | 2.DATE |       |      |
|-------------------|-----------|-------|----------|--------------|-------|-------------|--------|-------|------|
|                   | FY        | 2011  | MILITARY | CONSTRUCTION | PROJE | CT DATA     |        |       |      |
| ARMY              |           |       |          |              |       |             | 23     | JAN : | 2010 |
| 3.INSTALLATION AN | D LOCATIO | N     |          |              |       |             | •      |       |      |
|                   |           |       |          |              |       |             |        |       |      |
| Kabul, Afghan:    | istan     |       |          |              |       |             |        |       |      |
| 4.PROJECT TITLE   |           |       |          |              |       | 5.PROJECT 1 | NUMBER |       |      |
|                   |           |       |          |              |       |             |        |       |      |
| C-IED Task For    | rce Comp  | pound |          |              |       |             |        | 75148 |      |
|                   |           |       |          |              |       |             |        |       |      |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT                   |   |                 |          |        |                      |            | 2.DATE     |              |
|-------------------------------|---|-----------------|----------|--------|----------------------|------------|------------|--------------|
| 1. COM ONLINI                 | FY 2                                    | 011 MTT.        | TAR      | Y CON  | ISTRUCTION PRO       | TECT DATA  | -          |              |
| ARMY                          | 2                                       | 011 1111        |          |        | Olitoolion lito      | JECT BIIII |            | JAN 2010     |
| 3.INSTALLATION AN             | D LOCAT                                 | TON             |          |        | 4.PROJECT TITI       | Æ          | 23         | 0AN 2010     |
| Kandahar                      |   |                 |          |        |                      |            |            |              |
|                               |   |                 |          |        | Twoon House          | ing Dh 4   |            |              |
| Afghanistan 5.PROGRAM ELEMENT |   | 6.CATEGORY CODE |          | 7 0    | Troop Hous:          |            | COST (\$00 | 10)          |
| 5.PROGRAM ELEMENT             |   | 6.CATEGORY CODE | 1        | / . P. | ROJECI NUMBER        | Auth       |            |              |
|                               |   |                 |          |        |                      | Approp     | 20,        |              |
| 01010A                        |   | 721             |          |        | 74127                | прргор     | 20,        | 000          |
|                               |   |                 | 9        | .COST  | ESTIMATES            |            |            |              |
| PRIMARY FACILI                | ITEM                                    |                 | UM       | (M/E)  | QUANTIT              | Y          | UNITCOST   | COST (\$000) |
|                               | 11                                      |                 | 0        | (CE)   | 15 005 /             | 161 740)   | 1 000      | 17,049       |
| Troop Housing                 |   |                 |          | (SF)   | 15,027 (             | 161,749)   | 1,086      |              |
| Antiterrorism                 |   |                 | LS       |        |                      |            |            | (50)         |
| Building Infor                | rmatio                                  | n Systems       | LS       |        |                      |            |            | (680)        |
| SUPPORTING FAC                | ידד.דיידי                               | F.S             |          |        |                      |            |            | 1,074        |
| Electric Servi                |   | <u> </u>        | LS       |        |                      |            |            | (200)        |
| Water, Sewer,                 |   |                 | LS       |        |                      |            |            | (350)        |
|                               |   | a Cuttoma       | LS       |        |                      |            |            |              |
| Paving, Walks,                |   |                 |          |        |                      |            |            | (25)         |
| Site Imp( 30                  |   |                 | LS       |        |                      |            |            | (300)        |
| Information Sy                | rstems                                  |                 | LS       |        |                      |            |            | (199)        |
| ESTIMATED CONT                | 'RACT                                   | COST            |          |        |                      |            |            | 18,123       |
| CONTINGENCY                   | 5.00%                                   | )               |          |        |                      |            |            | 906          |
| SUBTOTAL                      |   | ,               |          |        |                      |            |            | 19,029       |
| SUPV, INSP & C                | VERHE                                   | AD (7 70%)      |          |        |                      |            |            | 1,465        |
| TOTAL REQUEST                 | , | (7.700)         |          |        |                      |            |            | 20,494       |
| TOTAL REQUEST                 | (POIIN                                  | רבח)            |          |        |                      |            |            | 20,000       |
| INSTALLED EQT-                |   |                 |          |        |                      |            |            | 20,000       |
| 10.Description of Propo       |   |                 | 1 + 2011 | at Ta  | l<br>coop Housing fo | n 1 100 :  | 2002020    | 1 +0         |
|                               |   |                 |          |        | _                    |            |            |              |
| replace expedi                |   |                 |          |        | _                    | _          | _          | _            |
| with showers a                |   |                 |          |        |                      |            |            |              |
| pavement, util                | _                                       |                 |          |        | itormation syst      | tems. Ant  | ıterrorı   | sm/Force     |
| Protection mea                | sures                                   | will be inc.    | Lude     | ed.    |                      |            |            |              |
| 11 DEO:                       | 1 ^                                     | 602 DN 700      | г.       |        | 2 EC4 DN 4           | TIDOTO.    |            | 7 120 DM     |
| 11. REQ:                      |   | ,692 PN ADQ     |          |        | •                    | SUBSTD:    |            | 7,128 PN     |
|                               |   | -               |          |        | nine phases of       | -          | _          |              |
| replace expedi                |   | -               |          |        |                      |            |            |              |
| REQUIREMENT:                  |   |                 |          | _      | facilities are       |            | -          |              |
| expeditionary                 |   |                 |          |        |                      | _          |            |              |
| do not provide                | _                                       | _               |          |        |                      |            |            |              |
| and unhealthy.                |   | _               |          |        | -                    |            |            |              |
| construction o                |   | ocatable buil   | ldin     | ıgs, v | hichever prov        | ides the   | most cos   | t            |
| effective solu                | ition.                                  |                 |          |        |                      |            |            |              |
| CURRENT SITUAT                | CION:                                   | Many persor     | nnel     | on F   | Kandahar are ho      | oused in   | expediti   | onary        |
| facilities, su                | ıch as                                  | wood frame s    | stru     | cture  | es or tents. Th      | nese buil  | dings ar   | е            |
| expeditionary                 |   |                 |          |        |                      |            |            |              |
| fired have ede                |   |                 |          |        |                      |            |            |              |

DD  $_{1\ DEC\ 76}^{FORM}$  1391

mechanical systems neither heat or cool to acceptable standards and consume a

fires have occurred in these structures. In addition, the inefficient

| 1.COMPONENT       |                       | 2.DATE                             |  |  |  |  |  |
|-------------------|-----------------------|------------------------------------|--|--|--|--|--|
|                   | FY 2011               | MILITARY CONSTRUCTION PROJECT DATA |  |  |  |  |  |
| ARMY              |                       | 23 JAN 2010                        |  |  |  |  |  |
| 3.INSTALLATION AN | D LOCATION            |                                    |  |  |  |  |  |
|                   |                       |                                    |  |  |  |  |  |
| Kandahar, Afgh    | Kandahar, Afghanistan |                                    |  |  |  |  |  |
| 4.PROJECT TITLE   | 5.PROJECT NUMBER      |                                    |  |  |  |  |  |
|                   |                       |                                    |  |  |  |  |  |
| Troop Housing,    | 74127                 |                                    |  |  |  |  |  |
|                   |                       |                                    |  |  |  |  |  |

## CURRENT SITUATION: (CONTINUED)

disproportionately large amount of electricity.

IMPACT IF NOT PROVIDED: The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these expeditionary facilities will have to be replaced on a case-by-case basis. ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

|      |           |    |    | Project Funding |
|------|-----------|----|----|-----------------|
| 2009 | (PN72591, | Ph | 1) | \$8,700         |
| 2010 | (PN72603, | Ph | 2) | \$4,250         |
| TBD  | (PN72604, | Ph | 3) | \$33,000        |
| 2011 | (PN74127, | Ph | 4) | \$20,000        |
| 2011 | (PN74129, | Ph | 5) | \$20,000        |
| 2011 | (PN74131, | Ph | 6) | \$20,000        |
| 2011 | (PN74132, | Ph | 7) | \$20,000        |
| TBD  | (         | Ph | 8) | TBD             |
| TBD  | (         | Ph | 9) | TBD             |

# SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | MAY 2010 |
| (d) | Date Design Complete                             | NOV 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
|     |  |          |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | l Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications           | 761     |
|     | (b)  | All Other Design Costs                           | 381     |
|     |      | Total Design Cost                                |         |
|     | (d)  | Contract   | 761     |

| 1.COMPONENT   |                             |                        |              | 2.DATE        |           |  |
|---|-----------------------------|------------------------|--------------|---------------|-----------|--|
|   | FY 2011 MILIT               | ARY CONSTRUCTION PROJE | CT DATA      |               |           |  |
| ARMY  |                             |                        |              | 23 JAN        | 2010      |  |
| 3.INSTALLATION AN   | D LOCATION                  |                        |              |               |           |  |
|   |                             |                        |              |               |           |  |
| Kandahar, Afgh  | nanistan                    |                        |              |               |           |  |
| 4.PROJECT TITLE   |                             |                        | 5.PROJECT N  | UMBER         |           |  |
|   |                             |                        |              |               |           |  |
| Troop Housing,  | Ph 4                        |                        |              | 74127         |           |  |
|   |                             |                        |              |               |           |  |
|   | <u> TAL DATA:</u> (Continue | - /                    |              |               |           |  |
| A. Estin  | nated Design Data: (        |                        |              |               |           |  |
|   | (e) In-house                |                        |              | 3             | 81        |  |
|   |                             |                        |              |               |           |  |
| (4)   | Construction Contra         | ct Award               |              | <u>JAN 20</u> | <u>11</u> |  |
| (5)   | Construction Start.         |                        |              | MAR 20        | 11        |  |
| (6)   | Construction Comple         | tion                   |              | MAR 20        | 12        |  |
| B. Equipment associated with this project which will be provided from other appropriations: |                             |                        |              |               |           |  |
|   |                             |                        | 1 1000       | l Year        |           |  |
| Equipment Procuring Appropriated C  |                             |                        |              |               |           |  |
| Nomenclati  | <u>ire</u>                  | Appropriation          | <u>Or Re</u> | quested (     | \$000)    |  |
|   |                             | NA                     |              |               |           |  |

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT   |  |                 |      |       |         |                  |        |              | 2.DATE     |               |
|---|--|-----------------|------|-------|---------|------------------|--------|--------------|------------|---------------|
|   | FY 2   | 011 MIL:        | ITAF | RY CO | NSTI    | RUCTION          | PROJI  | ECT DATA     |            |               |
| ARMY  |  |                 |      |       |         |                  |        |              | 23         | JAN 2010      |
| 3.INSTALLATION AN   | D LOCAT  | ION             |      |       |         | 4.PROJECT        | TITLE  | 1            | ·•         |               |
| Kandahar  |  |                 |      |       |         |                  |        |              |            |               |
| Afghanistan   |  |                 |      |       |         | Troop H          | Housir | ng, Ph 5     |            |               |
| 5.PROGRAM ELEMENT   |  | 6.CATEGORY CODE | ]    | 7.1   | PROJE   | CT NUMBER        |        |              | COST (\$00 | 0)            |
|   |  |                 |      |       |         |                  |        | Auth         | 20,        | 000           |
| 01010A  |  | 721             |      |       |         | 74129            |        | Approp       | 20,        |               |
|   |  |                 | 9    | .COST | EST     | MATES            |        |              |            |               |
|   | ITEM   |                 | TTM  | (M/E) | \ T     | OI 17            | ANTITY |              | UNITCOST   | COST (\$000)  |
| PRIMARY FACIL   |  |                 | OM   | (M/E) | _       | QUF              | 711111 |              | UNII COSI  | 17,043        |
| Troop Housing   |  |                 | m2   | (SF)  |         | 15 025           | 7 ( -  | 161,749)     | 1,086      |               |
| Antiterrorism   | Мезец  | rac             | LS   | (DI)  |         | 15,02            | , ( -  | 101, 740)    |            | (50)          |
| Building Infor  |  |                 | LS   |       |         |                  |        |              |            | (680)         |
| Bulluling Inito   | . IIIacio.   | n systems       | ЦЗ   |       |         |                  |        |              |            | (000)         |
|   |  |                 |      |       |         |                  |        |              |            |               |
|   |  |                 |      |       |         |                  |        |              |            |               |
|   |  | na              |      |       |         |                  |        |              |            | 1 0 0 1       |
| SUPPORTING FAC  |  | <u>ES</u>       | - ~  |       |         |                  |        |              |            | 1,074         |
| Electric Servi  |  |                 | LS   |       |         |                  |        |              |            | (200)         |
| Water, Sewer,   |  |                 | LS   |       |         |                  |        |              |            | (350)         |
| Paving, Walks,  |  |                 | LS   |       |         |                  |        |              |            | (25)          |
| Site Imp( 30  |  | mo( )           | LS   |       |         |                  |        |              |            | (300)         |
| Information Sy  | stems  |                 | LS   |       |         |                  |        |              |            | (199)         |
|   |  |                 |      |       |         |                  |        |              |            |               |
|   |  |                 |      |       |         |                  |        |              |            |               |
|   |  |                 |      |       |         |                  |        |              |            |               |
|   |  |                 |      |       |         |                  |        |              |            |               |
| ESTIMATED CONT  | TRACT  | COST            |      |       |         |                  |        |              |            | 18,117        |
| CONTINGENCY   | (5.00%   | )               |      |       |         |                  |        |              |            | 906           |
| SUBTOTAL  |  |                 |      |       |         |                  |        |              |            | 19,023        |
| SUPV, INSP & C  | VERHE.   | AD (7.70%)      |      |       |         |                  |        |              |            | 1,465         |
| TOTAL REQUEST   |  |                 |      |       |         |                  |        |              |            | 20,488        |
| TOTAL REQUEST   | (ROUN  | DED)            |      |       |         |                  |        |              |            | 20,000        |
| INSTALLED EQT-  |  |                 |      |       |         |                  |        |              |            | ()            |
| 10.Description of Prop  |  |                 | stri | ıct T | 'roor   | Housir           | na foi | r 1.188      | personne   | 1 to          |
| replace expedi  |  |                 |      |       | _       |                  | _      |              | _          |               |
| with showers a  |  |                 |      |       |         | . <del>-</del> . |        |              |            | _             |
| pavement, util  |  |                 |      |       |         |                  |        |              |            |               |
| Protection mea  | _  |                 |      |       | .111.01 | Imacion          | bybcc  | Zillis. Alic | ICCIIOII   | Siii/ I OI CC |
| rioceccion mea  | isures   | will be life.   | Luuc | ·u.   |         |                  |        |              |            |               |
| 11 DEO.   | 1.0  | 602 DN 700      | г.   |       |         | 4 7E2 I          | ONI CI | TDCTD.       |            | 5,940 PN      |
| 11. REQ:  |  | ,692 PN ADQ     |      |       |         | 4,752 E          |        | JBSTD:       |            |               |
|   |  | the fifth pl    |      |       |         | _                |        | _            | _          | replace       |
| expeditionary   |  |                 |      |       | _       |                  |        |              |            |               |
| REQUIREMENT:  |  | truction of 1   |      | _     |         |                  |        |              | _          |               |
| expeditionary   |  |                 |      |       |         |                  |        | _            |            |               |
|   | do not provide adequate protection from harsh weather conditions, are unsafe and unhealthy. New housing will be either semi-permanent concrete block |                 |      |       |         |                  |        |              |            |               |
|   |  |                 |      |       |         |                  |        |              |            |               |
| construction of   | or rel   | ocatable bui    | ldir | ıgs,  | whic    | chever p         | provid | des the      | most cos   | t             |
| effective solu  | ition.   |                 |      |       |         |                  |        |              |            |               |
| CURRENT SITUAT  | TION:  | Many person     | nnel | on    | Kand    | dahar ar         | re hou | used in      | expediti   | onary         |
| facilities, su  | ıch as   | wood frame      | stru | ıctur | es      | or tents         | s. The | ese stru     | ctures a   | re            |
| expeditionary in nature and pose an increased safety and health risk. Several |  |                 |      |       |         |                  |        |              |            |               |

fires have occurred in these expeditionary structures. In addition, the inefficient mechanical systems neither heat or cool to acceptable standards

| 1.COMPONENT         |            |          |              |         |           | 2.DATE      |
|---------------------|------------|----------|--------------|---------|-----------|-------------|
|                     | FY 2011    | MILITARY | CONSTRUCTION | PROJECT | DATA      |             |
| ARMY                |            |          |              |         |           | 23 JAN 2010 |
| 3.INSTALLATION AN   | D LOCATION |          |              |         |           |             |
|                     |            |          |              |         |           |             |
| Kandahar, Afgh      | nanistan   |          |              |         |           |             |
| 4.PROJECT TITLE     |            |          |              | 5.      | PROJECT N | UMBER       |
|                     |            |          |              |         |           |             |
| Troop Housing, Ph 5 |            |          |              |         |           | 74129       |

#### CURRENT SITUATION: (CONTINUED)

and consume a disproportionately large amount of electricity. IMPACT IF NOT PROVIDED: The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these expeditionary facilities will have to be replaced on a case-by-case basis. ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

#### Project Funding 2009 (PN72591, Ph 1) \$8,700 2010 (PN72603, Ph 2) \$4,250 TBD (PN72604, Ph 3) \$33,000 2011 (PN74127, Ph 4) \$20,000 2011 (PN74129, Ph 5) \$20,000 2011 (PN74131, Ph 6) \$20,000 2011 (PN74132, Ph 7) \$20,000 TBD Ph 8) TBD ( TBD ( Ph 9) TBD

# 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | MAY 2010 |
| (d) | Date Design Complete                             | NOV 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | l Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications       | 761     |
|     | (b)  | All Other Design Costs                       | 380     |
|     | (C)  | Total Design Cost                            | 1,141   |
|     | (d)  | Contract                                     | 761     |

| 1.COMPONENT       |                      |                       |              | 2.DATE     |         |
|-------------------|----------------------|-----------------------|--------------|------------|---------|
|                   | FY 2011 MILIT        | ARY CONSTRUCTION PROJ | ECT DATA     |            |         |
| ARMY              |                      |                       |              | 23 JA      | N 2010  |
| 3.INSTALLATION AN | D LOCATION           |                       | •            |            |         |
|                   |                      |                       |              |            |         |
| Kandahar, Afgl    | hanistan             |                       |              |            |         |
| 4.PROJECT TITLE   |                      |                       | 5.PROJECT N  | UMBER      |         |
|                   |                      |                       |              |            |         |
| Troop Housing     | , Ph 5               |                       |              | 741        | .29     |
|                   |                      |                       |              |            |         |
| 12. SUPPLEME      | NTAL DATA: (Continue | ed)                   |              |            |         |
| A. Estir          | mated Design Data:   | (Continued)           |              |            |         |
|                   | (e) In-house         |                       |              |            | 380     |
|                   |                      |                       |              |            |         |
| (4)               | Construction Contra  | act Award             |              | JAN_       | 2011    |
|                   |                      |                       |              |            |         |
| (5)               | Construction Start.  |                       |              | <u>MAR</u> | 2011    |
|                   |                      |                       |              |            |         |
| (6)               | Construction Comple  | etion                 |              | <u>MAR</u> | 2012    |
|                   |                      |                       |              |            |         |
|                   |                      |                       |              |            |         |
| B. Equi           | pment associated wit | th this project which | will be pr   | ovided fr  | ·om     |
| other approp      | priations:           |                       |              |            |         |
|                   |                      |                       | Fisca        | l Year     |         |
| Equipment         |                      | Procuring             | Appro        | priated    | Cost    |
| Nomenclati        | ure                  | <u>Appropriation</u>  | <u>Or Re</u> | quested    | (\$000) |
|                   |                      |                       |              |            |         |
|                   |                      | NA                    |              |            |         |

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT   |   |                 |       |          |               |       |           | 2.DATE     |              |
|---|---|-----------------|-------|----------|---------------|-------|-----------|------------|--------------|
|   | FY 2  | 011 MIL:        | ITAR  | Y CON    | STRUCTION     | PROJI | ECT DATA  |            |              |
| ARMY  |   |                 |       |          |               |       |           | 23         | JAN 2010     |
| 3.INSTALLATION AN   | D LOCAT   | CION            |       |          | 4.PROJECT     | TITLE |           |            |              |
| Kandahar  |   |                 |       |          |               |       |           |            |              |
| Afghanistan   |   |                 |       |          | Troop H       | ousir | ng, Ph 6  |            |              |
| 5.PROGRAM ELEMENT   | 1   | 6.CATEGORY CODE | ]     | 7.PF     | ROJECT NUMBER |       | 8.PROJECT | COST (\$00 | 0)           |
|   |   |                 |       |          |               |       | Auth      | 20,        | 000          |
| 01010A  |   | 721             |       |          | 74131         |       | Approp    | 20,        | 000          |
|   |   |                 | 9.    | COST I   | ESTIMATES     |       |           |            |              |
|   | ITEM  |                 | UM    | (M/E)    | QUA           | NTITY |           | UNIT COST  | COST (\$000) |
| PRIMARY FACILI  | TY  |                 |       | . , ,    | ~ -           |       |           |            | 17,048       |
| Troop Housing   |   |                 | m2    | (SF)     | 15,027        | ( =   | L61,749)  | 1,086      | (16,319)     |
| Antiterrorism   | Measu   | res             | LS    |          |               |       | -         |            | (50)         |
| Building Infor  |   |                 | LS    |          |               |       |           |            | (679)        |
|   |   |                 |       |          |               |       |           |            | ( - : - /    |
|   |   |                 |       |          |               |       |           |            |              |
|   |   |                 |       |          |               |       |           |            |              |
| SUPPORTING FAC  | ידד.דייד  | FC              |       |          |               |       |           |            | 1,074        |
| Electric Servi  |   | <u> </u>        | LS    |          |               |       |           |            | (200)        |
|   |   |                 | LS    |          |               |       |           |            |              |
| Water, Sewer,   |   | - 6 0           |       |          |               |       |           |            | (350)        |
| Paving, Walks,  |   |                 | LS    |          |               |       |           |            | (25)         |
| Site Imp( 30  |   |                 | LS    |          |               |       |           |            | (300)        |
| Information Sy  | rstems  |                 | LS    |          |               |       |           |            | (199)        |
|   |   |                 |       |          |               |       |           |            |              |
|   |   |                 |       |          |               |       |           |            |              |
|   |   |                 |       |          |               |       |           |            |              |
|   |   |                 |       |          |               |       |           |            |              |
| ESTIMATED CONT  | TRACT   | COST            |       |          |               |       |           |            | 18,122       |
|   | (5.00%  | )               |       |          |               |       |           |            | 906          |
| SUBTOTAL  |   |                 |       |          |               |       |           |            | 19,028       |
| SUPV, INSP & C  | VERHE   | AD (7.70%)      |       |          |               |       |           |            | 1,465        |
| TOTAL REQUEST   |   |                 |       |          |               |       |           |            | 20,493       |
| TOTAL REQUEST   | (ROUN   | DED)            |       |          |               |       |           |            | 20,000       |
| INSTALLED EQT-  | OTHER   | APPROP          |       |          |               |       |           |            | ()           |
| 10.Description of Prop  |   |                 | struc | ct Tr    | oop Housin    | g foi | 1,188     | oersonne   | l to         |
| replace expedi  | tiona   |                 |       |          | _             | _     | _         |            |              |
| with showers a  |   |                 |       |          |               |       |           |            | _            |
| pavement, util  |   |                 |       |          |               |       |           |            |              |
| Protection mea  |   |                 |       |          |               |       |           |            | 2, 1 3 1 3 3 |
| 11000001011 11100   | LDUICD  | WIII 20 III0.   | Luuci | <b>.</b> |               |       |           |            |              |
| 11. REQ:  | 1.0   | ,692 PN ADQ'    | г.    |          | 5,940 P       | N SI  | JBSTD:    |            | 4,752 PN     |
|   |   |                 |       | of n     | •             |       |           |            | •            |
| <u>PROJECT:</u> Construct the sixth phase of nine phases of troop housing to replace expeditionary facilities at Kandahar, Afghanistan. (Current Mission) |   |                 |       |          |               |       |           |            |              |
|   |   |                 |       |          | -             |       |           |            |              |
| ~   | REQUIREMENT: Construction of housing facilities are needed to replace         |                 |       |          |               |       |           |            |              |
|   | expeditionary facilities that have exceeded their life-span, are substandard, |                 |       |          |               |       |           |            |              |
|   | do not provide adequate protection from harsh weather conditions, are unsafe  |                 |       |          |               |       |           |            |              |
| and unhealthy. New housing will be either semi-permanent concrete block construction or relocatable buildings, whichever provides the most cost           |   |                 |       |          |               |       |           |            |              |
|   |   | ocatable buil   | Lding | gs, w    | hichever p    | rovi  | des the 1 | most cos   | t            |
| effective solu  | ition.  |                 |       |          |               |       |           |            |              |
| CURRENT SITUAT  |   | Many person     |       |          |               |       |           |            |              |
| facilities, su  | ıch as  | wood frame s    | struc | cture    | s or tents    | . The | ese stru  | ctures a   | re           |
| expeditionary   | in na   | ture and pose   | e an  | incr     | eased safe    | ty ar | nd healt  | h risk.    | Several      |
| fires have occ  | urrod   | in those over   | d + + | -iona    | ry atruatu    | rod   | In addit  | tion       |              |

inefficient mechanical systems neither heat or cool to acceptable standards

fires have occurred in these expeditionary structures. In addition,

| 1.COMPONENT       |                       | 2.DATE                             |  |  |  |  |  |
|-------------------|-----------------------|------------------------------------|--|--|--|--|--|
|                   | FY 2011               | MILITARY CONSTRUCTION PROJECT DATA |  |  |  |  |  |
| ARMY              |                       | 23 JAN 2010                        |  |  |  |  |  |
| 3.INSTALLATION AN | D LOCATION            |                                    |  |  |  |  |  |
|                   |                       |                                    |  |  |  |  |  |
| Kandahar, Afgh    | Kandahar, Afghanistan |                                    |  |  |  |  |  |
| 4.PROJECT TITLE   | 5.PROJECT NUMBER      |                                    |  |  |  |  |  |
|                   |                       |                                    |  |  |  |  |  |
| Troop Housing,    | 74131                 |                                    |  |  |  |  |  |
|                   |                       |                                    |  |  |  |  |  |

## CURRENT SITUATION: (CONTINUED)

and consume a disproportionately large amount of electricity. IMPACT IF NOT PROVIDED: The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these expeditionary facilities will have to be replaced on a case-by-case basis. ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

|      |           |    |    | Project Funding |
|------|-----------|----|----|-----------------|
| 2009 | (PN72591, | Ph | 1) | \$8,700         |
| 2010 | (PN72603, | Ph | 2) | \$4,250         |
| TBD  | (PN72604, | Ph | 3) | \$33,000        |
| 2011 | (PN74127, | Ph | 4) | \$20,000        |
| 2011 | (PN74129, | Ph | 5) | \$20,000        |
| 2011 | (PN74131, | Ph | 6) | \$20,000        |
| 2011 | (PN74132, | Ph | 7) | \$20,000        |
| TBD  | (         | Ph | 8) | TBD             |
| TBD  | (         | Ph | 9) | TBD             |
|      |           |    |    |                 |

# SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | MAY 2010 |
| (d) | Date Design Complete                             | NOV 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | al Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000) |
|-----|------|---|---------|
|     | (a)  | Production of Plans and Specifications            | 761     |
|     | (b)  | All Other Design Costs                            | 380     |
|     |      | Total Design Cost                                 |         |
|     | (d)  | Contract  | 761     |

| 1.COMPONENT                 |                      |                        |              | 2.DATE          |  |  |  |
|-----------------------------|----------------------|------------------------|--------------|-----------------|--|--|--|
|                             | FY 2011 MILITA       | ARY CONSTRUCTION PROJE | CT DATA      |                 |  |  |  |
| ARMY                        |                      |                        |              | 23 JAN 2010     |  |  |  |
| 3.INSTALLATION AND LOCATION |                      |                        |              |                 |  |  |  |
|                             |                      |                        |              |                 |  |  |  |
| Kandahar, Afgl              | nanistan             |                        |              |                 |  |  |  |
| 4.PROJECT TITLE             |                      |                        | 5.PROJECT N  | UMBER           |  |  |  |
|                             |                      |                        |              |                 |  |  |  |
| Troop Housing               | , Ph 6               |                        |              | 74131           |  |  |  |
|                             |                      |                        |              |                 |  |  |  |
| 12. SUPPLEMEN               | NTAL DATA: (Continue | d)                     |              |                 |  |  |  |
| A. Estir                    | mated Design Data: ( | Continued)             |              |                 |  |  |  |
|                             | (e) In-house         |                        |              | 380             |  |  |  |
|                             |                      |                        |              |                 |  |  |  |
| (4)                         | Construction Contra  | ct Award               |              | <u>JAN 2011</u> |  |  |  |
|                             |                      |                        |              |                 |  |  |  |
| (5)                         | Construction Start.  |                        |              | <u>MAR 2011</u> |  |  |  |
| (-)                         |                      |                        |              |                 |  |  |  |
| (6)                         | Construction Comple  | tion                   |              | MAR 2012        |  |  |  |
|                             |                      |                        |              |                 |  |  |  |
|                             |                      |                        |              |                 |  |  |  |
|                             |                      | h this project which w | ıll be pr    | ovided from     |  |  |  |
| other approp                | priations:           |                        |              | 1               |  |  |  |
|                             |                      | _                      |              | l Year          |  |  |  |
| Equipment                   |                      | Procuring              |              | priated Cost    |  |  |  |
| Nomenclati                  | <u>ire</u>           | Appropriation          | <u>Or Re</u> | quested (\$000) |  |  |  |
|                             |                      |                        |              |                 |  |  |  |
|                             |                      | NA                     |              |                 |  |  |  |

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT              |          |                 |         |      |       |           |         |           | 2.DATE     |              |
|--------------------------|----------|-----------------|---------|------|-------|-----------|---------|-----------|------------|--------------|
|                          | FY 20    | )11 MILI        | TAR     | Y C  | ONST  | RUCTION   | I PROJI | ECT DATA  |            |              |
| ARMY                     |          |                 |         |      |       |           |         |           | 23         | JAN 2010     |
| 3.INSTALLATION AND       | LOCAT    | ION             |         |      |       | 4.PROJEC  | T TITLE |           |            |              |
| Kandahar                 |          |                 |         |      |       |           |         |           |            |              |
| Afghanistan              |          |                 |         |      |       | Troop     | Housir  | ng, Ph 7  |            |              |
| 5.PROGRAM ELEMENT        |          | 6.CATEGORY CODE |         | 7    | .PROJ | ECT NUMBE | ER      | 8.PROJECT | COST (\$00 | 0)           |
|                          |          |                 |         |      |       |           |         | Auth      | 20,        | 000          |
| 01010A                   |          | 721             |         |      |       | 74132     |         | Approp    | 20,        |              |
| OTOTOR                   |          | 721             | q       | COS  | T FCT | IMATES    |         |           | 20,        | 000          |
|                          |          |                 | 1       |      |       | INATED    |         | -         | 1          |              |
|                          | ITEM     |                 | UM      | (M/  | E)    | JQ        | JANTITY |           | UNITCOST   | COST (\$000) |
| PRIMARY FACILIT          | <u> </u> |                 |         |      |       |           |         |           |            | 17,046       |
| Troop Housing            |          |                 | m2      | (SF  | ')    | 15,02     | 27 ( 1  | 161,749)  | 1,086      | (16,319      |
| Antiterrorism M          | /leasu   | ces             | LS      |      |       |           |         |           |            | (50          |
| Building Inform          | nation   | n Systems       | LS      |      |       |           |         |           |            | (677         |
|                          |          |                 |         |      |       |           |         |           |            |              |
|                          |          |                 |         |      |       |           |         |           |            |              |
|                          |          |                 |         |      |       |           |         |           |            |              |
| SUPPORTING FACI          | רד דיידו | 7.0             |         |      |       |           |         |           |            | 1,073        |
|                          |          | <u> </u>        | T 0     |      |       |           |         |           |            |              |
| Electric Servic          |          |                 | LS      |      |       |           |         |           |            | (200         |
| Water, Sewer, G          |          |                 | LS      |      |       |           |         |           |            | (350         |
| Paving, Walks,           |          |                 | LS      |      |       |           |         |           |            | (25          |
| Site Imp( 300            | )) Der   | no ( )          | LS      |      |       |           |         |           |            | (300         |
| Information Sys          | stems    |                 | LS      |      |       |           |         |           |            | (198         |
|                          |          |                 |         |      |       |           |         |           |            |              |
|                          |          |                 |         |      |       |           |         |           |            |              |
|                          |          |                 |         |      |       |           |         |           |            |              |
|                          |          |                 |         |      |       |           |         |           |            |              |
|                          |          | 200=            | -       |      |       |           |         |           |            |              |
| ESTIMATED CONTR          |          |                 |         |      |       |           |         |           |            | 18,119       |
|                          | 5.00왕)   |                 |         |      |       |           |         |           |            | 906          |
| SUBTOTAL                 |          |                 |         |      |       |           |         |           |            | 19,025       |
| SUPV, INSP & OV          | /ERHE    | AD (7.70%)      |         |      |       |           |         |           |            | 1,465        |
| TOTAL REQUEST            |          |                 |         |      |       |           |         |           |            | 20,490       |
| TOTAL REQUEST            | (ROUNI   | DED)            |         |      |       |           |         |           |            | 20,000       |
| INSTALLED EQT-C          |          |                 |         |      |       |           |         |           |            | (            |
| 10.Description of Propos | ed Const | ruction Cons    | 1 + r11 | ct   | Troo  | n Hougi   | na for  | ^ 1 100 i | personne   | 1 +0         |
| replace expedit          |          |                 |         |      |       | _         | _       | -         | _          |              |
|                          |          | -               |         |      |       | _         |         | _         | _          | _            |
| with showers ar          |          |                 |         | _    |       |           |         |           | _          |              |
| pavement, utili          |          |                 |         |      | info  | rmation   | ı syste | ems. Ant  | iterrori   | sm/Force     |
| Protection meas          | sures    | will be incl    | .ude    | ed.  |       |           |         |           |            |              |
|                          |          |                 |         |      |       |           |         |           |            |              |
| 11. REQ:                 | 10,      | 692 PN ADQT     | · :     |      |       | 7,128     | PN SU   | JBSTD:    |            | 3,564 PN     |
|                          | ruct     | the seventh     | pha     | se   | of n  | ine pha   | ses of  | f troop 1 | housing    | to           |
| replace expedit          |          |                 |         |      |       |           |         |           |            |              |
| REQUIREMENT:             |          | cruction of h   |         |      |       | _         |         |           |            |              |
|                          |          |                 |         |      |       |           |         |           |            |              |
| expeditionary f          |          |                 |         |      |       |           |         |           |            |              |
| do not provide           |          |                 |         |      |       |           |         |           |            |              |
| and unhealthy.           |          |                 |         |      |       |           |         |           |            |              |
| construction or          | relo     | ocatable buil   | din     | ıgs, | whi   | chever    | provid  | des the 1 | most cos   | t            |
| effective solut          | cion.    |                 |         |      |       |           |         |           |            |              |
| CURRENT SITUATI          | ON:      | Many persor     | nel     | on   | Kan   | dahar a   | re hou  | used in ( | expediti   | onary        |
| facilities, suc          | ch as    |                 |         |      |       |           |         |           |            |              |
| expeditionary i          |          |                 |         |      |       |           |         |           |            |              |

fires have occurred in these expeditionary structures. In addition, the inefficient mechanical systems neither heat or cool to acceptable standards

| I.COMPONENT       | EV 2011    | MTT.TTARV | CONSTRUCTION | DRO.TECT | מידעת י   | Z.DAIE |       |      |
|-------------------|------------|-----------|--------------|----------|-----------|--------|-------|------|
| ARMY              | 11 2011    | MIDITAKI  | CONDINGCTION | TROOLE   | DAIA      | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATION |           |              |          |           | •      |       |      |
|                   |            |           |              |          |           |        |       |      |
| Kandahar, Afgl    | nanistan   |           |              |          |           |        |       |      |
| 4.PROJECT TITLE   |            |           |              | 5.       | PROJECT N | IUMBER |       |      |
|                   |            |           |              |          |           |        |       |      |
| Troop Housing,    | , Ph 7     |           |              |          |           |        | 74132 |      |
|                   |            |           |              |          |           |        |       |      |

## CURRENT SITUATION: (CONTINUED)

COMPONENT

and consume a disproportionately large amount of electricity.

IMPACT IF NOT PROVIDED: The combat readiness of personnel is negatively impacted due to living in plywood huts or tents that pose a fire hazard and are not insulated for continuous exposure to the elements. There is mounting evidence that insurgent forces are specifically targeting wood facilities in order to inflict the maximum number of casualties. Without funding, these expeditionary facilities will have to be replaced on a case-by-case basis.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

|      |           |    |    | Project Funding |
|------|-----------|----|----|-----------------|
| 2009 | (PN72591, | Ph | 1) | \$8,700         |
| 2010 | (PN72603, | Ph | 2) | \$4,250         |
| TBD  | (PN72604, | Ph | 3) | \$33,000        |
| 2011 | (PN74127, | Ph | 4) | \$20,000        |
| 2011 | (PN74129, | Ph | 5) | \$20,000        |
| 2011 | (PN74131, | Ph | 6) | \$20,000        |
| 2011 | (PN74132, | Ph | 7) | \$20,000        |
| TBD  | (         | Ph | 8) | TBD             |
| TBD  | (         | Ph | 9) | TBD             |

# 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | MAY 2010 |
| (d) | Date Design Complete                             | NOV 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
|     |  |          |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | l Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications       | 761     |
|     | (b)  | All Other Design Costs                       | 380     |
|     | (c)  | Total Design Cost                            | 1,141   |
|     | (d)  | Contract                                     | 761     |

| 1.COMPONENT                |            |             |           |                     |            | 2.DATE        |          |
|----------------------------|------------|-------------|-----------|---------------------|------------|---------------|----------|
| 1.COMPONENT                | ΓV         | 2011        | MTTTTTAD  | Y CONSTRUCTION PRO  | ייבילה טעי |               |          |
| ARMY                       | ΓI         | 2011        | MITTITIAN | .i CONSTRUCTION PRO | OECI DAI   |               | TAN 2010 |
| 3.INSTALLATION AN          | דיטטאדדטו  | NT          |           |                     |            |               | JAN 2010 |
| J.INDIADDATION AN          | D HOCATION | LV          |           |                     |            |               |          |
| Kandahar, Afgh             | nanistan   |             |           |                     |            |               |          |
| 4.PROJECT TITLE            |            |             |           |                     | 5.PROJE    | ECT NUMBER    |          |
|                            |            |             |           |                     |            |               |          |
| Troop Housing,             | Ph 7       |             |           |                     |            |               | 74132    |
| <u> </u>                   |            |             |           |                     |            |               |          |
| 12. SUPPLEMEN              | ITAL DAT.  | A: (Con     | ntinued)  |                     |            |               |          |
| A. Estin                   | nated De   | <br>sian Da | ata: (Co  | ontinued)           |            |               |          |
|                            |            |             |           |                     |            | · · · · · · · | 380      |
| (4)                        | Constru    | ction C     | Contract  | Award               |            | <u>.</u> J    | AN 2011  |
| (5)                        | Constru    | ction S     | Start     |                     |            | <u>M</u>      | IAR 2011 |
| (6)                        | Constru    | ction C     | Completi  | .on                 | . <b></b>  | M             | IAR 2012 |
|                            |            |             | -         |                     |            |               |          |
| B. Equipother other approp |            |             | ed with   | this project which  | ı will be  | e provided    | from     |
|                            |            |             |           |                     | F          | iscal Year    | •        |
| Equipment                  |            |             | I         | rocuring            | Ap         | opropriate    | d Cost   |
| Nomenclati                 | <u>ire</u> |             |           | appropriation       | -          | r Requeste    |          |
|                            |            |             |           | NA                  |            |               |          |

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Installation Engineer: LTC Martin Norvel

| 1.COMPONENT                                 |           |            |           |        |              |           | 2.DATE     |                        |
|---|-----------|------------|-----------|--------|--------------|-----------|------------|------------------------|
|   | FY 2      | 011        | MILITARY  | CONS   | TRUCTION PRO | JECT DATA |            |                        |
| ARMY  | <b>-</b>  | <b></b>    |           |        |              |           |            | JAN 2010               |
| 3.INSTALLATION AND LOCATION 4.PROJECT TITLE |           |            |           |        |              |           |            |                        |
| Kandahar                                    |           |            |           |        |              |           |            |                        |
| Afghanistan North Area Utilities, Ph 2      |           |            |           |        |              |           |            |                        |
| 5. PROGRAM ELEMENT                          |           | 6.CATEGORY | CODE      | 7.PRC  | JECT NUMBER  | -         | COST (\$00 | 0)                     |
|   |           |            |           |        |              | Auth      | 21,        | •                      |
| 01010A                                      |           | 841        |           |        | 75210        | Approp    | 21,        |                        |
| OIOIOA                                      |           | 041        |           | OST ES | STIMATES     |           | 21,        | 000                    |
|   | ITEM      |            | T70.6 /3  | s /T)  | OHA NEET EE  |           | UNITCOST   | GOGE (4000)            |
| PRIMARY FACILI                              |           |            | I) MU     | 4/E)   | QUANTIT      | Y         | UNITCOST   | COST (\$000)<br>18,669 |
| Electrical Dis                              | <br>tribu | tion       | LS        |        |              |           |            | (7,115)                |
| Water, Sewer &                              | Gas       |            | LS        |        |              |           |            | (4,191)                |
| Water Wells                                 |           |            | LS        |        |              |           |            | (1,190)                |
| Ground Stg Tk                               | (Wate     | r)         | LS        |        |              |           |            | (342)                  |
| Waste Water Tr                              | eatme     | nt Facili  | ty L/d(I  | KG)    | 530,000 (    | 140,011)  | 9.81       | (5,199)                |
| Total from C                                | ontin     | uation pa  | ge        |        |              |           |            | (632)                  |
| SUPPORTING FAC                              | LILITI    | ES         |           |        |              |           |            | 154                    |
| Site Imp( 5                                 | 0) De     | mo (       | ) LS      |        |              |           |            | (50)                   |
| Information Sy                              | stems     |            | LS        |        |              |           |            | (104)                  |
|   |           |            |           |        |              |           |            |                        |
|   |           |            |           |        |              |           |            |                        |
|   |           |            |           |        |              |           |            |                        |
|   |           |            |           |        |              |           |            |                        |
|   |           |            |           |        |              |           |            |                        |
|   |           |            |           |        |              |           |            |                        |
|   |           |            |           |        |              |           |            |                        |
| ESTIMATED CONT                              | RACT      | COST       |           |        |              |           |            | 18,823                 |
| CONTINGENCY (                               | 5.00%     | )          |           |        |              |           |            | 941                    |
| SUBTOTAL                                    |           |            |           |        |              |           |            | 19,764                 |
| SUPV, INSP & C                              | VERHE     | AD (7.70   | %)        |        |              |           |            | 1,522                  |
| TOTAL REQUEST                               |           |            |           |        |              |           |            | 21,286                 |
| TOTAL REQUEST                               | (ROUN     | DED)       |           |        |              |           |            | 21,000                 |
| INSTALLED EQT-                              | OTHER     | APPROP     |           |        |              |           |            | ()                     |
| 10.Description of Propo                     | sed Const | ruction    | Construct | Nor    | th Area Util | ities inf | rastruct   | ure to                 |

10.Description of Proposed Construction Construct North Area Utilities infrastructure to support facilities. Proposed infrastructure includes wastewater collection & treatment, water wells with chlorine treatment, water distribution lines, and electrical distribution.

11. REQ: 1 EA ADQT: NONE SUBSTD: 1 EA

<u>PROJECT:</u> Construct Utilities Infrastructure at Kandahar, Afghanistan. (Current Mission)

REQUIREMENT: Kandahar Airfield (KAF) is a strategic logistics hub for Regional Command-South (RC-S). Kandahar provides continual and critical support to the outlying installations across RC-S. Utilities infrastructure is required to support the additional facilities being constructed in the North Area of KAF.

<u>CURRENT SITUATION:</u> Currently, there is no infrastructure to support facilities on the North Area of KAF. Wastewater is transported from the North Side to the South side and processed through the wastewater treatment facility, causing the existing system to exceed capacity. Water is transported to the North side and power is provided through spot generation.

| 1.COMPONENT                                  |                 |               |              |              | 2.DATE    |            |
|--|-----------------|---------------|--------------|--------------|-----------|------------|
|  | 2011 MIL        | ITARY CONSTR  | TOTTON PROJE |              | Z.DAIE    |            |
| ARMY   | 2011 1111       |               | ociion incon | CI DIIII     | 23        | JAN 2010   |
| 3.INSTALLATION AND LOCATI                    | ON              |               |              |              |           | 01111 2020 |
|  |                 |               |              |              |           |            |
| Kandahar, Afghanista                         | ın              |               |              |              |           |            |
| 4.PROJECT TITLE                              |                 |               |              | 5.PROJECT NU | JMBER     |            |
|  |                 |               |              |              |           |            |
| North Area Utilities                         | s, Ph 2         |               |              |              |           | 75210      |
|  |                 |               |              |              |           |            |
| 9. COST ESTIMATES                            | (CONTINUED)     | _             |              |              |           |            |
|  |                 |               |              |              | Unit      | Cost       |
| Item   |                 | UM (M/E)      | QUANTITY     | (            | COST      | (\$000)    |
|  | \NTT \NTT \NT \ |               |              |              |           |            |
| PRIMARY FACILITY (CO<br>Antiterrorism Measur |                 | LS            |              |              |           | (606)      |
| Building Information                         |                 | LS<br>LS      |              |              |           | (26)       |
| Bulluling information                        | i systems       | ПЭ            |              | r            | <br>Total | 632        |
|  |                 |               |              |              | IOCAI     | 032        |
| IMPACT IF NOT PROVII                         | ED: If th       | nis project i | s not funded | l. Kandaha:  | r will    | not        |
| have the capability                          |                 |               |              |              |           |            |
| North Side of the ir                         |                 |               |              |              |           |            |
| health risks from la                         |                 |               | _            |              |           | _          |
| contamination from r                         | numerous spo    | t generators  | . Without th | is project   | t to s    | upport     |
| facilities, the abil                         | ity to supp     | ort surge re  | quirements a | nd operate   | e as a    |            |
| logistics hub will k                         | e negativel     | y impacted.   |              |              |           |            |
| ADDITIONAL: All re                           | equired phys    | sical securit | y and antite | errorism/fo  | orce      |            |
| protection measures                          |                 | -             | -            | -            |           |            |
| integrated into the                          | -               |               |              |              |           |            |
| Joint use potential                          |                 | _             |              | _            | _         | nancing    |
| statement (PFS) will                         | . be submitt    | ed for this   | project pric | or to award  | d.        |            |
|  |                 |               |              |              |           |            |

|                                   | FY2009(\$000) | Requested FY2011(\$000) |
|-----------------------------------|---------------|-------------------------|
| Authorization                     | \$27,000      | \$21,000                |
| Authorization of<br>Appropriation | \$27,000      | \$21,000                |
| Appropriation                     | \$27,000      | \$21,000                |

# 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

|     | ·  |          |
|-----|--|----------|
| (a) | Date Design Started                              | DEC 2009 |
| (b) | Percent Complete As Of January 2010              | .00      |
| (C) | Date 35% Designed                                | JUL 2010 |
| (d) | Date Design Complete                             | MAR 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |

| 1.COMPONENT |         |                |   |                  | 2.DATE              |
|-------------|---------|----------------|---|------------------|---------------------|
|             |         | FY 2011        | MILITARY CONSTRUCT                      | ION PROJECT DAT  | А                   |
| ARMY        |         |                |   |                  | 23 JAN 2010         |
| 3.INSTALLAT | 'ION AI | ND LOCATION    |   |                  |                     |
|             |         |                |   |                  |                     |
| Kandahar,   |         | hanistan       |   |                  |                     |
| 4.PROJECT T | 'ITLE   |                |   | 5.PROJE          | ECT NUMBER          |
| , , ,       |         | 17 1 1 Pl 0    |   |                  | 75010               |
| North Are   | a Ut    | ilities, Ph 2  |   |                  | 75210               |
| 12. SUPE    | PLEME   | NTAL DATA: (Co | ontinued)                               |                  |                     |
| A.          |         |                | Data: (Continued)                       |                  |                     |
|             | (2)     | Basis:         | , |                  |                     |
|             | ` '     | (a) Standard   | d or Definitive Desi                    | ign: NO          |                     |
|             |         |                |   | 5                |                     |
|             | (3)     | Total Design   | Cost (c) = (a) + (b)                    | OR $(d) + (e)$ : | (\$000)             |
|             |         | (a) Producti   | on of Plans and Spe                     | ecifications     | 825                 |
|             |         |                | er Design Costs                         |                  |                     |
|             |         |                | esign Cost                              |                  |                     |
|             |         |                |   |                  |                     |
|             |         |                | 2                                       |                  |                     |
|             |         |                |   |                  |                     |
|             | (4)     | Construction   | Contract Award                          |                  | <u>JUL 2011</u>     |
|             |         |                |   |                  |                     |
|             | (5)     | Construction   | Start                                   |                  | <u>SEP 2011</u>     |
|             | (6)     | Construction   | Commletion                              |                  | CED 2012            |
|             | (6)     | Construction   | Completion                              |                  | SEP ZUIZ            |
|             |         |                |   |                  |                     |
| В.          | Equi    | nment associat | ed with this projec                     | ct which will be | e provided from     |
|             |         | priations:     |   |                  | - F                 |
|             | 11 .    | Ŀ              |   | F                | iscal Year          |
| Equip       | oment   |                | Procuring                               | Aı               | ppropriated Cost    |
| Nomer       |         |                | Appropriation                           | · -              | r Requested (\$000) |
|             |         |                |   |                  |                     |
|             |         |                | NΑ                                      |                  |                     |

NA

Installation Engineer: LTC Martin Norvel

|                        |             |                 |          |       |         |          |       |      |          | T          |              |
|------------------------|-------------|-----------------|----------|-------|---------|----------|-------|------|----------|------------|--------------|
| 1.COMPONENT            | T17. 0      | 011 MTT 3       |          | 37 00 | NAT COL | DIIGHTO  | . DE  | O TT |          | 2.DATE     |              |
| 7.77                   | FY 2        | OTT MIT         | LTAF     | RY CC | )NST    | RUCTIO   | N PR  | KOJE | ECT DATA |            | oodo         |
| ARMY                   | D T 0 0 1 m | T.037           |          |       |         |          |       |      |          | 23         | JAN 2010     |
| 3.INSTALLATION AN      | D LOCAT     | ION             |          |       |         | 4.PROJE  | CT T  | LTLF |          |            |              |
| Kandahar               |             |                 |          |       |         |          |       |      |          |            |              |
| Afghanistan            | -           |                 |          |       |         | 1        |       | : Or | -        | s Center   |              |
| 5.PROGRAM ELEMENT      | '           | 6.CATEGORY CODE |          | 7.    | PROJ    | ECT NUME | BER   |      |          | COST (\$00 |              |
|                        |             |                 |          |       |         |          |       |      | Auth     | 6,         | 000          |
| 01010A                 |             | 610             |          |       |         | 77100    |       |      | Approp   | 6,         | 000          |
|                        |             |                 | 9        | .COSI | EST     | 'IMATES  |       |      |          |            |              |
|                        | ITEM        |                 | UM       | (M/E  | )       | Ç        | UANT: | ITY  |          | UNITCOST   | COST (\$000) |
| PRIMARY FACILI         | YTI         |                 |          |       |         |          |       |      |          |            | 4,451        |
| Joint Operation        | ons Ce      | nter            | m2       | (SF)  |         | 1,2      | 00 (  | (    | 12,917)  | 2,947      | (3,536)      |
| Communications         | S Cent      | er              | m2       | (SF)  |         | 2        | 00 (  | (    | 2,153)   | 4,430      | (886)        |
| Building Infor         | matio:      | n Systems       | LS       |       |         |          | _     |      |          |            | (29)         |
|                        |             | -               |          |       |         |          |       |      |          |            |              |
|                        |             |                 |          |       |         |          |       |      |          |            |              |
|                        |             |                 |          |       |         |          |       |      |          |            |              |
| SUPPORTING FAC         | CILTTT      | ES              | 1        |       |         |          |       |      |          |            | 818          |
| Electric Servi         |             | <u> </u>        | LS       |       |         |          | _     | _    |          |            | (272)        |
| Water, Sewer,          |             |                 | LS       |       |         |          | _     | _    |          |            | (149)        |
| Paving, Walks,         |             | a & Cuttora     | LS       |       |         |          |       | _    |          |            | (97)         |
| •                      |             |                 | LS       |       |         |          |       | _    |          |            |              |
| Site Imp( 19           |             | 1110 (          |          |       |         |          |       |      | (194)    |            |              |
| Information Sy         |             |                 | LS       |       |         |          |       |      | (15)     |            |              |
| Antiterrorism          | Measu       | res             | LS       |       |         |          | -     |      |          |            | (91)         |
|                        |             |                 |          |       |         |          |       |      |          |            |              |
|                        |             |                 |          |       |         |          |       |      |          |            |              |
|                        |             |                 | <u> </u> |       |         |          |       |      |          |            |              |
| ESTIMATED CONT         |             |                 |          |       |         |          |       |      |          |            | 5,269        |
| CONTINGENCY            | (5.00%      | )               |          |       |         |          |       |      |          |            | 263          |
| SUBTOTAL               |             |                 |          |       |         |          |       |      |          |            | 5,532        |
| SUPV, INSP & C         | OVERHE.     | AD (7.70%)      |          |       |         |          |       |      |          |            | 426          |
| TOTAL REQUEST          |             |                 |          |       |         |          |       |      |          |            | 5,958        |
| TOTAL REQUEST          | (ROUN       | DED)            |          |       |         |          |       |      |          |            | 6,000        |
| INSTALLED EQT-         | OTHER       | APPROP          |          |       |         |          |       |      |          |            | ()           |
| 10.Description of Prop |             |                 | strı     | ıct a | st      | andard   | Joi   | nt   | Operati  | ons Cent   |              |
| support milita         | ary SO      | F operations.   | . Pr     | rimar | y f     | acilit   | y in  | ıclı | des off  | ice spac   | e,           |
| auditorium sea         |             |                 |          |       |         |          |       |      |          |            |              |
| planning space         |             |                 |          |       |         |          |       |      |          |            |              |
| secure exterio         |             |                 |          |       |         |          |       |      |          |            |              |
| a communication        |             |                 |          |       |         |          |       |      |          |            |              |
| information sy         |             |                 | _        |       |         |          |       |      |          |            | _            |
| systems, and s         |             |                 |          |       |         |          |       |      |          |            |              |
|                        |             |                 |          |       |         |          |       |      |          |            |              |
| curbs, walkway         |             |                 |          |       |         |          |       | _    |          |            |              |
| sewage distrik         |             |                 |          |       |         |          |       |      |          |            |              |
| Furniture and          |             |                 |          | rope  | erty    | ) WITT   | эa    | IUI  | misned   | and inst   | alled        |
| with other app         | propri      | ations (OMA).   | •        |       |         |          |       |      |          |            |              |
| 11 576                 |             | 100 5           |          |       |         |          |       |      |          |            |              |
| 11. REQ:               |             | ,400 m2 ADQ1    |          |       |         | NONE     |       |      | JBSTD:   |            | 1,400 m2     |
|                        |             | SOF Joint Op    |          |       |         |          |       |      |          |            |              |
| REQUIREMENT:           | This        | project is a    | cequ     | irec  | l to    | suppo    | rt t  | he   | expansi  | on of sp   | ecial        |

operations forces in the Afghanistan theatre of operations. A new SOF Task Force is being placed at Kandahar Airfield and requires adequate facilities to

adequate existing command and control spaces or communications infrastructure

support the increase in SOF units operating in the region. There are no

| 1.COMPONENT       | FY 2011       | MTT.TTARV | CONSTRUCTION | PROJEC' | מידעת יו  | 2.DATE      |
|-------------------|---------------|-----------|--------------|---------|-----------|-------------|
| ARMY              | 11 2011       | HILLIMI   | CONSTRUCTION | TROOLE  | . 271171  | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION    |           |              |         |           | •           |
|                   |               |           |              |         |           |             |
| Kandahar, Afgh    | nanistan      |           |              |         |           |             |
| 4.PROJECT TITLE   |               |           |              | 5       | PROJECT 1 | NUMBER      |
|                   |               |           |              |         |           |             |
| SOF Joint Oper    | cations Cente | r         |              |         |           | 77100       |

REQUIREMENT: (CONTINUED)

available at this location.

CURRENT SITUATION: The Task Force command and control element at Kandahar is growing in size to facilitate more exploitation of enemy lines of operation and will oversee units across the region. This effort requires adequate command and control space and communications capacity. The organization provides a vital SOF combat capability requested by the CENTCOM Commander. IMPACT IF NOT PROVIDED: Failure to fund and execute this project will significantly hinder the ability of the Task Force to conduct operations in the Afghanistan theatre of operations. Without the ability to receive and process information, achieving superiority and stability in the region will be adversely affected. Current available facilities available to the Task Force at Kandahar are not sufficient for the increased staff and enabler requirements.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2010 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | .00      |
| (C) | Date 35% Designed                                | FEB 2011 |
| (d) | Date Design Complete                             | APR 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (0) |  | (+000)   |
|-----|--|----------|
| (3) | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|     | (a) Production of Plans and Specifications           | 277      |
|     | (b) All Other Design Costs                           | 277      |
|     | (c) Total Design Cost                                | 554      |
|     | (d) Contract   | 277      |
|     | (e) In-house   | 277      |
|     |  |          |
| (4) | Construction Contract Award                          | MAY 2011 |
|     |  |          |
| (5) | Construction Start                                   | JUN 2011 |
|     |  |          |
| (6) | Construction Completion                              | APR 2012 |

| I. COMPONENT      |            |        |          |              |        |           | 2.DATE |       |      |
|-------------------|------------|--------|----------|--------------|--------|-----------|--------|-------|------|
|                   | FY 2       | 2011   | MILITARY | CONSTRUCTION | PROJEC | T DATA    |        |       |      |
| ARMY              |            |        |          |              |        |           | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATION | 1      |          |              |        |           | -      |       |      |
|                   |            |        |          |              |        |           |        |       |      |
| Kandahar, Afgl    | nanistan   |        |          |              |        |           |        |       |      |
| 4.PROJECT TITLE   |            |        |          |              | Ę      | PROJECT N | IUMBER |       |      |
|                   |            |        |          |              |        |           |        |       |      |
| SOF Joint Oper    | rations (  | Center | <u> </u> |              |        |           | -      | 77100 |      |
|                   |            |        |          |              |        |           |        |       |      |

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

B. Equipment associated with this project which will be provided from

other appropriations:

Fiscal Year

Equipment Procuring Nomenclature Appropriation Appropriated Cost Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1 COMPONENT                            |               |                 |            |            |                             |            | 0 53.55             |              |
|--|---------------|-----------------|------------|------------|-----------------------------|------------|---------------------|--------------|
| 1.COMPONENT                            | EV O          | O11 MTT         | יז כו עידי | $C \cap N$ | ופייםוורייד∧א הה∧ די        | בכת באשא   | 2.DATE              |              |
| 7 DMV                                  | FY 2          | OTT MTP]        | LIAKI      | COIN       | ISTRUCTION PROJE            | LCI DATA   | 2.2                 | JAN 2010     |
| ARMY 3.INSTALLATION AN                 | דיטטאַנו      | TON .           |            |            | 4.PROJECT TITLE             |            | 23                  | JAN 2010     |
| Maywand                                | D LOCAL       | ION             |            |            | 4.11KOODE1 111DD            |            |                     |              |
| Maywand<br>Afghanistan                 |               |                 |            |            | Wastewater T                | Trastman   | - Facili            | F-3.7        |
| 5. PROGRAM ELEMENT                     | 1             | 6.CATEGORY CODE | <u> </u>   | 7. PI      | ROJECT NUMBER               |            | COST (\$00          | -            |
|  |               | 0.01120011 0022 |            | ' ' ' '    | NOOLOT NONLLIN              | Auth       |                     | 000          |
| 01010A                                 |               | 831             |            |            | 75196                       | Approp     |                     | 000          |
| 0101011                                |               | 031             | 9.0        | OST 1      | ESTIMATES                   |            | , ,                 | 000          |
|  | TODM          |                 | TTM /      | w / IP \   | OHANDIDA                    |            | UNITCOST            | COST (\$000) |
| PRIMARY FACIL                          | ITEM<br>ITY   |                 | I) MU      | M/E)       | QUANTITY                    |            | UNIICOSI            | 5,343        |
| Wastewater Tre                         |               | t Facility      | L/d(1      | KG)        | 530,000 ( 1                 | L40,011)   | 10.05               | (5,331       |
| Building Infor                         |               |                 | LS         | ,          |                             | ,          |                     | (12          |
|  |               |                 |            |            |                             |            |                     | (            |
|  |               |                 |            |            |                             |            |                     |              |
|  |               |                 |            |            |                             |            |                     |              |
|  |               |                 |            |            |                             |            |                     |              |
| SUPPORTING FAC                         | CILITI        | ES              |            |            |                             |            |                     | 839          |
| Electric Servi                         |               |                 | LS         |            |                             |            |                     | (158         |
| Water, Sewer,                          |               |                 | LS         |            |                             |            |                     | (245         |
| Site Imp( 16                           |               | mo()            | LS         |            |                             |            |                     | (161         |
| Information Sy                         |               |                 | LS         |            |                             |            |                     | (275         |
|  | Decino        |                 |            |            |                             |            |                     | (2,3         |
|  |               |                 |            |            |                             |            |                     |              |
|  |               |                 |            |            |                             |            |                     |              |
|  |               |                 |            |            |                             |            |                     |              |
|  |               |                 |            |            |                             |            |                     |              |
| ESTIMATED CONT                         | rp A Crr      | COST            | 1          |            |                             |            |                     | 6,182        |
| CONTINGENCY                            |               |                 |            |            |                             |            |                     | 309          |
| SUBTOTAL                               | (3.008        | ,               |            |            |                             |            |                     | 6,491        |
| SUPV, INSP & (                         | ИЕВНЕ         | ∆D (7 70%)      |            |            |                             |            |                     | 500          |
| TOTAL REQUEST                          | / V 11/11111. | AD (7.70%)      |            |            |                             |            |                     | 6,991        |
| TOTAL REQUEST                          | / DOTIN       | רבת)            |            |            |                             |            |                     | 7,000        |
| INSTALLED EQT-                         |               |                 |            |            |                             |            |                     | 7,000        |
| 10.Description of Prop                 |               |                 | t rugt     |            | <u> </u><br>Wastewater Trea | tmont E    | agility             |              |
|  |               |                 |            |            | Chamber, Sludg              |            | _                   | _            |
| _                                      |               |                 |            |            | Chlorine Contac             |            |                     |              |
|  |               |                 |            |            | lities infrast              |            | er. supp            | orcing       |
| lacificies fin                         | rude          | sice preparat   | , TOII,    | ucı        | illicies illicasci          | uccure.    |                     |              |
| 11 PFO.                                | F 2 0         | ,000 L/d ADQT   | г.         |            | NONE SU                     | JBSTD:     | E 2                 | 0,000 L/d    |
| 11. REQ:                               |               |                 |            | - + m -    | ent Facility at             |            |                     |              |
| <u>PROJECT:</u> Cons<br>(Current Missi |               | a wastewater    | Lite       | acille     | ill facility at             | Maywand    | , Algilali.         | istaii.      |
|  |               | project is r    |            | a + c      | wanlaga tha g               | immont iii | - a + o : : a + o : |              |
| REQUIREMENT:                           |               |                 |            |            | replace the cu              |            |                     | Ľ            |
|  |               |                 |            |            | serious health n            |            |                     | _            |
|  |               | _               | _          |            | antly higher th             | _          | _                   |              |
|  |               |                 |            |            | is system must              | ne apre    | to proce            | ະຣຣ          |
| 140,000 Gal da                         | _             |                 |            | _          |                             | J _ 4 . 2  |                     |              |
| CURRENT SITUAT                         |               |                 |            |            | er is collected             |            |                     | •            |
|  |               |                 |            |            | oilets) by sanit            |            |                     |              |
|  |               |                 |            |            | harge point. Fi             |            |                     |              |
| _                                      |               |                 |            |            | collect the se              |            |                     |              |
|  |               |                 |            |            | failure of the              |            |                     |              |
| the sewage pla                         | aces t        | he base at ri   | isk o      | f ex       | ceeding its lin             | nited st   | orage cap           | pacity.      |

| 1.COMPONENT       | T37       | 0011   | MITT TIME DAY | CONCEDUCATION |        |            | 2.DATE |       |      |
|-------------------|-----------|--------|---------------|---------------|--------|------------|--------|-------|------|
| ARMY              | F Y       | 2011   | MILLITARY     | CONSTRUCTION  | PROJEC | I DATA     | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATIO | N      |               |               |        |            |        |       |      |
|                   |           |        |               |               |        |            |        |       |      |
| Maywand, Afgha    | anistan   |        |               |               |        |            |        |       |      |
| 4.PROJECT TITLE   |           |        |               |               | 5      | .PROJECT N | UMBER  |       |      |
|                   |           |        |               |               |        |            |        |       |      |
| Wastewater Tre    | eatment   | Facili | Lty           |               |        |            |        | 75196 | )    |

IMPACT IF NOT PROVIDED: Without a self-sufficient wastewater treatment facility at Maywand, contracted sewage trucks will continue to collect and dispose of the raw sewage. Personnel will be faced with health risks if sewage collection is disrupted. The US will continue paying a high cost to contract this service, while also providing personnel resources to monitor and oversee these contractor trucks while on the installation.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 2. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | <u>JAN 2010</u> |
|-----|--|-----------------|
| (b) | Percent Complete As Of January 2010              | .00             |
| (C) | Date 35% Designed                                | JUN 2010        |
| (d) | Date Design Complete                             | DEC 2010        |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO              |
| (f) | Type of Design Contract: Design-bid-build        |                 |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | l Design Cost (c) = $(a)+(b)$ OR $(d)+(e)$ : | (\$000)  |
|-----|------|--|----------|
|     | (a)  | Production of Plans and Specifications       | 288      |
|     | (b)  | All Other Design Costs                       | 144      |
|     | (c)  | Total Design Cost                            | 432      |
|     | (d)  | Contract                                     | 288      |
|     | (e)  | In-house                                     | 144      |
| (4) | Cons | truction Contract Award                      | MAR 2011 |

| 1.COMPONENT                   |           |      |          |              |        |           | 2.DATE |       |      |
|-------------------------------|-----------|------|----------|--------------|--------|-----------|--------|-------|------|
|                               | FY        | 2011 | MILITARY | CONSTRUCTION | PROJEC | T DATA    |        |       |      |
| ARMY                          |           |      |          |              |        |           | 23     | JAN 2 | 2010 |
| 3.INSTALLATION AN             | D LOCATIO | N    |          |              |        |           |        |       |      |
|                               |           |      |          |              |        |           |        |       |      |
| Maywand, Afgha                | anistan   |      |          |              |        |           |        |       |      |
| 4.PROJECT TITLE               |           |      |          |              | 5      | PROJECT 1 | NUMBER |       |      |
|                               |           |      |          |              |        |           |        |       |      |
| Wastewater Treatment Facility |           |      |          |              |        |           | 75196  |       |      |
|                               |           |      |          |              |        |           |        |       |      |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT       |         |           |        |       |      |                   |           | 2.DATE     |              |
|-------------------|---------|-----------|--------|-------|------|-------------------|-----------|------------|--------------|
|                   | FY 2    | 011       | MILI   | ITARY | CON  | STRUCTION PROJE   | ECT DATA  |            |              |
| ARMY              |         |           |        |       |      |                   |           | 23         | JAN 2010     |
| 3.INSTALLATION AN | D LOCAT | ION       |        |       |      | 4.PROJECT TITLE   |           |            |              |
| Shank             |         |           |        |       |      |                   |           |            |              |
| Afghanistan       |         |           |        |       |      | Guard Towers      | 3         |            |              |
| 5.PROGRAM ELEMENT | 1       | 6.CATEGOR | Y CODE | :     | 7.PH | ROJECT NUMBER     | 8.PROJECT | COST (\$00 | 0)           |
|                   |         |           |        |       |      | Auth              | 2,        | 400        |              |
| 01010A            |         | 87        | 2      |       |      | 75080             | Approp    | 2,         | 400          |
|                   |         |           |        |       |      | ESTIMATES         |           |            |              |
|                   | ITEM    |           |        | 1) MU | M/E) | QUANTITY          |           | UNITCOST   | COST (\$000) |
| PRIMARY FACIL     | r.I.A   |           |        | L     |      |                   |           |            | 1,225        |
| Guard Towers      |         |           |        | EA    |      | 15                |           | 55,000     | (825         |
| Security Light    | ing     |           |        | LS    |      |                   |           |            | (400         |
|                   |         |           |        |       |      |                   |           |            |              |
|                   |         |           |        |       |      |                   |           |            |              |
|                   |         |           |        |       |      |                   |           |            |              |
|                   |         |           |        |       |      |                   |           |            |              |
| SUPPORTING FAC    |         | <u>ES</u> |        |       |      |                   |           |            | 907          |
| Electric Servi    |         | ,         |        | LS    |      |                   |           |            | (557         |
| Site Imp( 25      |         |           | )      | LS    |      |                   |           |            | (250         |
| Antiterrorism     | Measu   | res       |        | LS    |      |                   |           |            | (100         |
|                   |         |           |        |       |      |                   |           |            |              |
|                   |         |           |        |       |      |                   |           |            |              |
|                   |         |           |        |       |      |                   |           |            |              |
|                   |         |           |        |       |      |                   |           |            |              |
|                   |         |           |        |       |      |                   |           |            |              |
|                   |         |           |        | 1     |      |                   |           |            |              |
| ESTIMATED CONT    |         |           |        |       |      |                   |           |            | 2,132        |
| CONTINGENCY       | (5.00%  | )         |        |       |      |                   |           |            | 107          |
| SUBTOTAL          |         |           |        |       |      |                   |           |            | 2,239        |
| SUPV, INSP & (    | OVERHE. | AD (7.7   | 0왕)    |       |      |                   |           |            | 172          |
| TOTAL REQUEST     |         |           |        |       |      |                   |           |            | 2,411        |
| TOTAL REQUEST     |         |           |        |       |      |                   |           |            | 2,400        |
| INSTALLED EQT-    |         |           |        |       |      | _                 |           |            | (0           |
|                   |         |           |        |       |      | guard towers,     |           |            | _            |
|                   |         |           |        |       |      | nsion. Primary    |           |            |              |
|                   |         |           |        |       |      | erior security    |           |            |              |
|                   |         |           |        |       |      | l spot generation | on. Anti  | terrorısı  | m/Force      |
| Protection mea    | asures  | will be   | incl   | Luded | •    |                   |           |            |              |
| 11 DEC            |         | 1         | 7.00   |       |      | NONE              |           |            | 15 77        |
| 11. REQ:          |         | 15 EA     | ADQ1   |       |      |                   | JBSTD:    |            | 15 EA        |
|                   |         | Illteen   | (15)   | 40'   | taı  | l guard towers    | at Snan.  | k, Aignai  | nistan.      |
| (Current Missi    |         |           |        |       | ,    |                   |           |            |              |
| REQUIREMENT:      |         |           |        |       |      | t support opera   |           | _          |              |
| _                 |         |           | _      |       |      | hank has recent   |           |            |              |
|                   |         |           |        | _     |      | tions. Aviation   |           |            |              |
|                   |         |           |        |       |      | ditional ones h   |           |            |              |
|                   |         |           |        |       |      | re perimeter of   |           |            |              |
|                   |         |           |        |       |      | acilities, and    |           |            |              |
| _                 | the ea  | stern ex  | pansi  | lon a | re r | required to comp  | olete th  | e perime   | ter          |
| protection.       |         |           |        |       | _    |                   |           |            |              |
| CURRENT SITUAT    |         |           |        |       |      | towers along th   |           |            |              |
|                   |         |           |        |       |      | of force protect  | ion mea   | sures to   | secure       |
| aircraft, pers    | sonnel  | , and fa  | cilit  | cies. |      |                   |           |            |              |

| 1.COMPONENT       | T37       | 0011 | MITT TIME DAY | CONCEDICATION | DDO TEC | יווו אוווי | 2.DATE |          |     |
|-------------------|-----------|------|---------------|---------------|---------|------------|--------|----------|-----|
| ARMY              | ΡY        | 2011 | MILITARY      | CONSTRUCTION  | PROJEC  | I DATA     | 23 .   | JAN 2    | 010 |
| 3.INSTALLATION AN | D LOCATIO | N    |               |               |         |            |        | <u> </u> | 010 |
|                   |           |      |               |               |         |            |        |          |     |
| Shank, Afghani    | stan      |      |               |               |         |            |        |          |     |
| 4.PROJECT TITLE   |           |      |               |               | 5       | .PROJECT N | NUMBER |          |     |
|                   |           |      |               |               |         |            |        |          |     |
| Guard Towers      |           |      |               |               |         |            | 7.     | 5080     |     |

IMPACT IF NOT PROVIDED: Without this project, the force protection of personnel, facilities, and aviation assets will be less effective. Lack of guard towers will continue to limit the warning of enemy encroachment onto the installation. The risk of sabotage to US forces and equipment at Shank will continue to be unacceptably high.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | <u>JAN 2010</u> |
|-----|--|-----------------|
| (b) | Percent Complete As Of January 2010              | .00             |
| (C) | Date 35% Designed                                | JUN 2010        |
| (d) | Date Design Complete                             | DEC 2010        |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO              |
| (f) | Type of Design Contract: Design-bid-build        |                 |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|-----|--|----------|
|     | (a) Production of Plans and Specifications           | 197      |
|     | (b) All Other Design Costs                           | 98       |
|     | (c) Total Design Cost                                | 295      |
|     | (d) Contract   | 197      |
|     | (e) In-house   | 98       |
| (4) | Construction Contract Award                          | FEB 2011 |
| (5) | Construction Start                                   | APR 2011 |
| (6) | Construction Completion                              | NOV 2011 |

| 1.COMPONENT                  |            |          |              |       |             | 2.DATE    |    |
|------------------------------|------------|----------|--------------|-------|-------------|-----------|----|
|                              | FY 2011    | MILITARY | CONSTRUCTION | PROJE | CT DATA     |           |    |
| ARMY                         |            |          |              |       |             | 23 JAN 20 | 10 |
| 3.INSTALLATION AN            | D LOCATION |          |              |       |             |           |    |
|                              |            |          |              |       |             |           |    |
| Shank, Afghani               | stan       |          |              |       |             |           |    |
| 4.PROJECT TITLE              |            |          |              |       | 5.PROJECT N | IUMBER    |    |
|                              |            |          |              |       |             |           |    |
| Guard Towers                 |            |          |              |       |             | 75080     |    |
|                              |            |          |              |       |             |           |    |
|                              |            |          |              |       |             |           |    |
| 4.PROJECT TITLE Guard Towers |            |          |              |       | 5.PROJECT N |           |    |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year

 $\begin{array}{cccc} \text{Equipment} & \text{Procuring} & \text{Appropriated} & \text{Cost} \\ \underline{\text{Nomenclature}} & \underline{\text{Appropriation}} & \underline{\text{Or Requested}} & \underline{\text{(\$000)}} \end{array}$ 

NONE

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT                |            |                |       |        |                         |       |           | 2.DATE     |                        |
|----------------------------|------------|----------------|-------|--------|-------------------------|-------|-----------|------------|------------------------|
|                            | FY 20      | )11 MII        | LITAI | RY CO  | NSTRUCTION :            | PROJ  | ECT DATA  | -          |                        |
| ARMY                       |            |                |       |        |                         |       |           | 23         | JAN 2010               |
| 3.INSTALLATION AN          | D LOCAT    | ION            |       |        | 4.PROJECT               | TITLE | 3         | -          |                        |
| Shank                      |            |                |       |        |                         |       |           |            |                        |
| Afghanistan                |            |                |       |        | Ammunit                 | ion   | Supply P  | oint       |                        |
| 5.PROGRAM ELEMENT          | 1          | 6.CATEGORY COL | Œ     | 7.     | PROJECT NUMBER          |       | 8.PROJECT | COST (\$00 | 0)                     |
|                            |            |                |       |        |                         |       | Auth      | 25,        | 000                    |
| 01010A                     |            | 421            |       |        | 77118                   |       | Approp    | 25,        | 000                    |
|                            |            |                | 9     | O.COST | ESTIMATES               |       |           |            |                        |
| PRIMARY FACILI             | ITEM<br>TY |                | UM    | (M/E)  | QUAI                    | NTITY |           | UNITCOST   | COST (\$000)<br>17,578 |
| General Purpos             |            | azine          | m2    | (SF)   | 2,381                   | (     | 25,629)   | 5,257      |                        |
| Ammunition Ins             | _          |                | m2    |        |                         | (     | 6,458)    | · ·        |                        |
| Exterior Light             | ing        |                | EΑ    |        | 20                      |       |           | 8,250      | (165)                  |
| Chain Link 3.0             | m Hig      | jh             | m     | (LF)   | 2,843                   | (     | 9,327)    | 345.48     | (982)                  |
| Ammunition Sto             | orage I    | Pad            | m2    | (SF)   | 300                     | (     | 3,229)    | 247.00     | (74)                   |
| Total from C               | Continu    | ation page     |       |        |                         |       |           |            | (2,065)                |
| SUPPORTING FAC             | CILITIE    | <u>ES</u>      |       |        |                         |       |           |            | 4,090                  |
| Electric Servi             | ce         |                | LS    |        |                         |       |           |            | (975)                  |
| Water, Sewer,              |            |                | LS    |        |                         |       |           |            | (700)                  |
| Paving, Walks,             |            | & Gutters      | LS    |        |                         |       |           |            | (550)                  |
| Storm Drainage             |            |                | LS    |        |                         |       |           |            | (165)                  |
| Site Imp( 70               |            |                | LS    |        |                         |       |           |            | (700)                  |
| Antiterrorism              | Measuı     | ces            | LS    |        |                         |       |           |            | (1,000)                |
| EGMINAMED COM              |            | NO.CE          |       |        |                         |       |           |            | 21 662                 |
| ESTIMATED CONT             |            |                |       |        |                         |       |           |            | 21,668                 |
| CONTINGENCY (<br>SUBTOTAL  | (5.00%)    |                |       |        |                         |       |           |            | 1,083                  |
| SUBTOTAL<br>SUPV, INSP & C | Vied Hei   | \D             |       |        |                         |       |           |            | 22,751<br>1,752        |
| TOTAL REQUEST              | , ∧ ₽¥U₽₽  | ر (۱۰/۵۶)      |       |        |                         |       |           |            | 24,503                 |
| TOTAL REQUEST              | (DOITMI    | ו עבּים /      |       |        |                         |       |           |            | 24,503                 |
| INSTALLED EQT-             |            |                |       |        |                         |       |           |            | 25,000                 |
| 10.Description of Propo    |            |                | ngtri | ıct a  | <u>l</u><br>n Ammunitio | n S11 | nnly Poi  | nt (ASP)   |                        |

10.Description of Proposed Construction Construct an Ammunition Supply Point (ASP) at FOB Shank. Project will include ammunition storage magazines, pre-engineered metal facilities, paved munitions storage pads, lightning protection, site lighting, site work, drainage improvements, paved roadways and walks, fencing, generator power and Antiterrorism/Force Protection measures. Project will also replace one wooden guard tower with a concrete blast-resistant guard tower.

8,550 m2 ADQT: NONE SUBSTD: 8,550 m2 11. REQ: PROJECT: Construct Ammunition Supply Point (ASP) at FOB Shank, Afghanistan for at least 1.2 milllion pounds NEW. (Current Mission) REQUIREMENT: FOB Shank requires an area to safely receive, store, build and provide sustained delivery of munitions for ground and air combat. The continuing increase in battle tempo within the FOB Shank AOR has greatly increased the demands on the current ASP. Construction of a new, relocated ASP compound with road infrastructure, concrete storage pads and functional facilities is necessary in order to create efficient operational flow, ensure safe operating conditions, allow for the installation of greatly needed additional facilities as well as for the continued COIN operations.

| 1.COMPONENT       | FY 2011 MILITARY CONSTRUCTION PROJ   | ECT DATA    | 2.DATE           |                |
|-------------------|--|-------------|------------------|----------------|
| ARMY              | ·  |             | 23 JA            | AN 2010        |
| 3.INSTALLATION AN | D LOCATION   |             |                  |                |
| Shank, Afghani    | stan   |             |                  |                |
| 4.PROJECT TITLE   |  | 5.PROJECT 1 | NUMBER           |                |
| Ammunition Sup    | only Point   |             | 771              | 118            |
| Ammanicion Sup    | ppry rome  |             | , , ,            | 110            |
| 9. COST ESTI      | MATES (CONTINUED)  |             |                  |                |
| T+ om             | IIM (M/E) OIIANTTTV  |             | Unit             | Cost           |
| Item              | UM (M/E) QUANTITY  |             | COST             | (\$000)        |
|                   | TY (CONTINUED)   |             |                  |                |
| Roads             | m2 (SF) 14,200 (   |             |                  |                |
| Guard Tower       | EA 1   | -           | 175,000<br>Total | (175)<br>2,065 |
|                   |  |             | 10041            | 2,000          |
| CURRENT SITUAT    | <del></del>  |             | _                |                |
|                   | acity and need to be relocated. Multiple   |             |                  | -              |
|                   | n the existing ASP QD-ARC and the constru-<br>ging delayed until the relocation/expansion                      |             |                  |                |
| IMPACT IF NOT     | -  |             | _                | 1.             |
|                   | rage and operational requirements associated   |             |                  | asing          |
|                   | n the FOB Shank AOR. Munitions will either   |             |                  | _              |
|                   | an uncertain and limited basis; both opti-   |             | _                |                |
| _                 | mbat Commanders' options for combat suppor   |             |                  | -              |
|                   | consistent and reliable munitions storage  | _           | _                |                |
|                   | at risk on the battlefield in the event cannot be fully supplied.  | that tney   | (and/or a        | armea          |
| _                 | annot be fully supplied. All required physical security and antit  | errorism/   | force            |                |
|                   | asures will be incorporated. Sustainable   |             |                  |                |
|                   | to the development, design, and construct  |             |                  | •              |
| _                 | ential will be incorporated where feasible   |             | -                | ncing          |
| statement(PFS)    | will be submitted for this project prior   | r to award  | d.               |                |
| 12. SUPPLEMEN     | TAL DATA:  |             |                  |                |
|                   | nated Design Data:   |             |                  |                |
| (1)               | Status:  |             |                  |                |
|                   | (a) Date Design Started  |             |                  | 2010           |
|                   | (b) Percent Complete As Of January 2010  |             |                  | .00            |
|                   | (c) Date 35% Designed  |             |                  |                |
|                   | <ul><li>(d) Date Design Complete</li><li>(e) Parametric Cost Estimating Used to 3</li></ul>                    |             |                  |                |
|                   | <ul><li>(e) Parametric Cost Estimating Used to 3</li><li>(f) Type of Design Contract: Design-biology</li></ul> |             | JSLS             | NO             |
|                   |  |             |                  |                |
| (2)               | Basis:   |             |                  |                |
|                   | (a) Standard or Definitive Design: NO  |             |                  |                |
| (3)               | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (c)$   | ۵).         | (\$(             | 000)           |
| (3)               | (a) Production of Plans and Specification  |             | •                | 1,138          |
|                   | (b) All Other Design Costs   |             |                  |                |
|                   | (c) Total Design Cost  |             |                  |                |
|                   | (d) Contract   |             | 1                | L,138          |
|                   |  |             |                  |                |

| 1.COMPONENT                      |                                    |          | 2.DATE       |                |  |  |  |  |
|----------------------------------|------------------------------------|----------|--------------|----------------|--|--|--|--|
|                                  | FY 2011 MILITARY CONSTRUCTION PROJ | ECT DATA |              |                |  |  |  |  |
| ARMY                             |                                    |          | 23 JAN       | 2010           |  |  |  |  |
| 3.INSTALLATION AN                | D LOCATION                         | -        |              |                |  |  |  |  |
|                                  |                                    |          |              |                |  |  |  |  |
| Shank, Afghani                   | istan                              |          |              |                |  |  |  |  |
| 4.PROJECT TITLE 5.PROJECT NUMBER |                                    |          |              |                |  |  |  |  |
|                                  |                                    |          |              |                |  |  |  |  |
| Ammunition Sup                   |                                    | 7711     | 8            |                |  |  |  |  |
|                                  |                                    |          |              |                |  |  |  |  |
|                                  | NTAL DATA: (Continued)             |          |              |                |  |  |  |  |
| A. Estir                         | mated Design Data: (Continued)     |          |              |                |  |  |  |  |
|                                  | (e) In-house                       |          | • • •        | 910            |  |  |  |  |
|                                  |                                    |          |              |                |  |  |  |  |
| (4)                              | Construction Contract Award        |          | <u>MAR 2</u> | 011            |  |  |  |  |
| (5)                              | Construction Start                 |          | APR 2        | 011            |  |  |  |  |
| (6)                              | Construction Completion            |          | APR 2        | 012            |  |  |  |  |
|                                  | other appropriations:              |          |              |                |  |  |  |  |
| Equipment                        | Droguring                          |          | l Year       | Cost           |  |  |  |  |
| Equipment<br>Nomenclatı          | Procuring Appropriation            |          | L            |                |  |  |  |  |
| Nomencial                        | <u>Appropriation</u>               | or ke    | quested      | <u>(\$000)</u> |  |  |  |  |
|                                  | NONE                               |          |              |                |  |  |  |  |

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT   |                  |      |        |                            |                 |           | 2.DATE     |              |
|---|------------------|------|--------|----------------------------|-----------------|-----------|------------|--------------|
|   | TY 2011 MIL      | ITAR | RY COI | NSTRUCTION I               | PROJI           | ECT DATA  |            |              |
| ARMY  |                  |      |        | T                          | 1 220 120 220 2 |           |            | JAN 2010     |
| 3.INSTALLATION AND I  | LOCATION         |      |        | 4.PROJECT                  | TITLE           |           |            |              |
| Shank   |                  |      |        |                            |                 |           |            |              |
| Afghanistan   | · · · · · ·      |      |        | Roads ar                   | nd Ut           |           |            |              |
| 5.PROGRAM ELEMENT   | 6.CATEGORY COD   | Ε    | 7.P    | ROJECT NUMBER              |                 | 8.PROJECT | COST (\$00 | 0)           |
|   |                  |      |        |                            |                 | Auth      | 8,         | 000          |
| 01010A  | 851              |      |        | 77119                      |                 | Approp    | 8,         | 000          |
|   |                  | 9    | .COST  | ESTIMATES                  |                 |           |            |              |
| II  | 'EM              | UM   | (M/E)  | QUAN                       | TITY            |           | UNIT COST  | COST (\$000) |
| PRIMARY FACILITY  | 7                |      |        |                            |                 |           |            | 5,564        |
| Roads   |                  | km   | (MI)   | 20.92                      | (               | 13)       | 49,037     | (1,026)      |
| Culverts  |                  | m    | (LF)   | 100                        | (               | 328.08)   | 1,457      | (146)        |
| Water Distributi  | on Lines         | m    | (LF)   | 12,030                     | (               | 39,469)   | 95.36      | (1,147)      |
| Electric Lines  |                  | m    | (LF)   | 15,379                     | (               | 50,456)   | 84.16      | (1,294)      |
| Sewage Lift Stat  | ion              | LS   |        | •                          |                 |           |            | (925)        |
| Sanitary Sewer  |                  | m    | (LF)   | 12,000                     | (               | 39,370)   | 85.50      | (1,026)      |
| SUPPORTING FACII  | ITIES            |      |        | ,                          | •               | <u> </u>  |            | 1,505        |
| Water, Sewer, Ga  |                  | LS   |        |                            |                 |           |            | (275)        |
| Paving, Walks, (  |                  | LS   |        |                            |                 |           |            | (80)         |
| Storm Drainage  | dibb a daccerb   | LS   |        |                            |                 |           |            | (500)        |
| Site Imp( 250)  | Demo()           | LS   |        |                            |                 |           |            | (250)        |
| Antiterrorism Me  |                  | LS   |        |                            |                 |           |            | (400)        |
| Ancicellolism Me  | asules           | ЦЗ   |        |                            |                 |           |            | (400)        |
|   |                  |      |        |                            |                 |           |            | I            |
|   |                  |      |        |                            |                 |           |            | I            |
|   |                  |      |        |                            |                 |           |            | I            |
|   | OTT. COCT        |      |        |                            |                 |           |            | 7.060        |
| ESTIMATED CONTRA  |                  |      |        |                            |                 |           |            | 7,069        |
| CONTINGENCY (5.   | 006)             |      |        |                            |                 |           |            | 353          |
| SUBTOTAL  |                  |      |        |                            |                 |           |            | 7,422        |
| SUPV, INSP & OVE  | ERHEAD (7.70%)   |      |        |                            |                 |           |            | 571          |
| TOTAL REQUEST   |                  |      |        |                            |                 |           |            | 7,993        |
| TOTAL REQUEST (F  |                  |      |        |                            |                 |           |            | 8,000        |
| INSTALLED EQT-01  |                  |      |        |                            |                 |           |            | (0)          |
| 10.Description of Proposed  |                  |      |        | pads and ut:               |                 |           |            | . Roads      |
| and gravel shoul  |                  |      |        |                            |                 |           | _          |              |
| alternative rout  |                  |      |        |                            |                 |           |            |              |
| system, wastewat  | er collection s  | yste | em, ai | nd electrica               | al di           | istribut  | ion syst   | em. All      |
| lines will conne  | ect to existing  | sour | ces.   | Supporting                 | fac             | ilities   | include    | site         |
| preparation and   | a drainage syst  | em.  | Antit  | cerrorism/Fo               | orce            | Protect   | ion meas   | ure will     |
| be included.  |                  |      |        |                            |                 |           |            |              |
|   |                  |      |        |                            |                 |           |            |              |
| 11. REQ:  | 21 km ADQ        | Т:   |        | NONE                       | ST              | JBSTD:    |            | 21 km        |
| PROJECT: Constr   | ruct paved roads | tha  | ıt wi  | ll act as ma               | ain :           | routes o  | n FOB Sh   | ank.         |
| Construct necess  | sary utilities t | o ac | commo  | odate necess               | sary            | infrast   | ructure    |              |
| Construct necessary utilities to accommodate necessary infrastructure improvements. (Current Mission) |                  |      |        |                            |                 |           |            |              |
| REQUIREMENT: This project supports the massive expansion of FOB Shank. The                            |                  |      |        |                            |                 |           |            |              |
| roads need improved, and new roads need created, to support additional mission                        |                  |      |        |                            |                 |           |            |              |
| vehicles traversing Shank. As additional forces bed down at Shank, utilities                          |                  |      |        |                            |                 |           |            |              |
| will also need expanded to adequately support the larger population.                                  |                  |      |        |                            |                 |           |            |              |
| CURRENT SITUATION   |                  |      |        | apport the .<br>Approximat |                 |           |            | m) Of        |
| existing roads a  |                  |      |        |                            |                 |           |            |              |
|   |                  |      |        |                            |                 |           |            |              |
| fine moon dust.   | THESE LOADS DAL  | стЛ  | pappo  | ore carrent                | IIIT S          | eron obe  | racrons,   | anu          |

need paved to adequately support large MRAP vehicles. The expansion area at

| 1.COMPONENT        | EV 0011     | MIT TO A DAY | CONCEDUCATION |         |         | 2.DATE       |
|--------------------|-------------|--------------|---------------|---------|---------|--------------|
| ARMY               | FY 2011     | MILITARY     | CONSTRUCTION  | PROJECT | DATA    | 23 JAN 2010  |
| 3.INSTALLATION AND | D LOCATION  |              |               |         |         | 20 012. 2010 |
|                    |             |              |               |         |         |              |
| Shank, Afghani     | .stan       |              |               | _       |         |              |
| 4.PROJECT TITLE    |             |              |               | 5.      | PROJECT | NUMBER       |
|                    |             |              |               |         |         |              |
| Roads and Util     | ities, Ph 1 | <u> </u>     |               |         |         | 77119        |

## CURRENT SITUATION: (CONTINUED)

Shank requires around 5 miles (8 km) of new roads to be constructed. Utilities in the expansion area currently do not exist, and need constructed to support the in-flux of personnel at Shank.

IMPACT IF NOT PROVIDED: Without paved roads, mission operations at Shank will be adversely affected. Construction vehicles will continue having difficulty accessing their construction sites. New personnel coming to Shank for the expansion will not have utilities in place to support their needs.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

|                                   | Requested FY2011 (\$000) | FYDP |
|-----------------------------------|--------------------------|------|
| Authorization                     | \$8,000                  | TBD  |
| Authorization of<br>Appropriation | \$8,000                  | TBD  |
| Appropriation                     | \$8,000                  | TBD  |

# 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2010 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | .00      |
| (C) | Date 35% Designed                                | FEB 2011 |
| (d) | Date Design Complete                             | APR 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
|     |  |          |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | l Design Cost $(c) = (a)+(b)$ OR $(d)+(e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications       | 371     |
|     | (b)  | All Other Design Costs                       | 371     |
|     |      | Total Design Cost                            |         |
|     |      | Contract                                     |         |

| ARMY                       | FY 2011        | MILITARY CONS   | TRUCTION PROJE | CT DATA      |            |         |
|----------------------------|----------------|-----------------|----------------|--------------|------------|---------|
| ARMY                       |                |                 |                |              |            |         |
|                            | •              |                 |                |              | 23 JA      | N 2010  |
| 3.INSTALLATION A           |                | •               |                |              |            |         |
|                            |                |                 |                |              |            |         |
| Shank, Afghar              | nistan         |                 |                |              |            |         |
| 4.PROJECT TITLE            |                |                 |                | 5.PROJECT N  | UMBER      |         |
|                            |                |                 |                |              |            |         |
| Roads and Ut:              | ilities, Ph 1  |                 |                |              | 771        | 19      |
|                            |                |                 |                |              |            |         |
| 12. SUPPLEME               | ENTAL DATA: (C | ontinued)       |                |              |            |         |
| A. Est:                    | imated Design  | Data: (Continue | ed)            |              |            |         |
|                            | (e) In-hous    | e               |                |              |            | 371     |
|                            |                |                 |                |              |            |         |
| (4)                        | Construction   | Contract Award  | l              |              | <u>MAY</u> | 2011    |
|                            |                |                 |                |              |            |         |
| (5)                        | Construction   | Start           |                |              | <u>MAY</u> | 2011    |
|                            |                |                 |                |              |            |         |
| (6)                        | Construction   | Completion      |                |              | DEC        | 2011    |
|                            |                |                 |                |              |            |         |
|                            |                |                 |                |              |            |         |
| _                          | -              | ted with this p | roject which w | ill be pr    | ovided fr  | om      |
| other appro                | opriations:    |                 |                |              |            |         |
|                            |                |                 |                | Fisca        | l Year     |         |
| Equipment                  |                | Procuri         | -              |              | priated    | Cost    |
| Nomenclature Appropriation |                |                 |                | <u>Or Re</u> | quested    | (\$000) |
|                            |                |                 |                |              |            |         |
|                            |                | NON             | ΙE             |              |            |         |

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT  |   |                 |      |         |              |         |           | 2.DATE     |              |
|--|---|-----------------|------|---------|--------------|---------|-----------|------------|--------------|
| 1. COM ONLIVE  | FY 2  | 011 MIL:        | ITAF | RY CO   | NSTRUCTION   | PROJ    | ECT DATA  |            |              |
| ARMY   |   |                 |      |         |              |         |           | 23         | JAN 2010     |
| 3.INSTALLATION AN  | D LOCAT   | ION             |      |         | 4.PROJEC     | r TITLI | E         | -          |              |
| Shank  |   |                 |      |         |              |         |           |            |              |
| Afghanistan  |   |                 |      |         | Expand       | ECP     | 1 and EC  | P 2        |              |
| 5.PROGRAM ELEMENT  | ı   | 6.CATEGORY CODE | 3    | 7.E     | ROJECT NUMBE |         |           | COST (\$00 | 0)           |
|  |   |                 |      |         |              |         | Auth      | 16,        | 000          |
| 01010A   |   | 141             |      |         | 77120        |         | Approp    | 16,        |              |
|  |   | <u> </u>        | 9    | .COST   | ESTIMATES    |         | •         | ,          |              |
|  | ITEM  |                 | TJM  | (M/E)   | OII          | ANTITY  |           | UNIT COST  | COST (\$000) |
| PRIMARY FACIL  |   |                 | 011  | (11, 2, | 20           |         |           | 01121 0001 | 12,706       |
| Entrance Conti   | ol Po   | int w/Fencin    | EΑ   |         |              | 2       |           | 4500000    | (9,000)      |
| Roads  |   |                 | m2   | (SF)    | 22,00        | 0 (     | 236,806)  | 152.53     |              |
| Guard Towers   |   |                 | EΑ   |         |              | 2       | ,         | 150,000    |              |
| Building Infor   | rmatio  | n Systems       | LS   |         |              |         |           |            | (35)         |
| Building Infor   |   | -               | LS   |         |              |         |           |            | (15)         |
|  |   | -               |      |         |              |         |           |            |              |
| SUPPORTING FAC   | CILITI  | ES              |      |         |              |         |           |            | 1,568        |
| Electric Servi   |   |                 | LS   |         |              |         |           |            | (200)        |
| Water, Sewer,  | Gas   |                 | LS   |         |              |         |           |            | (105)        |
| Paving, Walks,   |   | s & Gutters     | LS   |         |              |         |           |            | (105)        |
| Site Imp( 40   |   |                 | LS   |         |              |         |           |            | (400)        |
| Information Sy   |   |                 | LS   |         |              |         |           |            | (8)          |
| Antiterrorism  |   |                 | LS   |         |              |         |           |            | (750)        |
|  |   |                 |      |         |              |         |           |            |              |
|  |   |                 |      |         |              |         |           |            |              |
|  |   |                 |      |         |              |         |           |            |              |
| ESTIMATED CONT   | TRACT   | COST            |      |         |              |         |           |            | 14,274       |
| CONTINGENCY  | (5.00%  | )               |      |         |              |         |           |            | 714          |
| SUBTOTAL   |   |                 |      |         |              |         |           |            | 14,988       |
| SUPV, INSP & C   | OVERHE  | AD (7.70%)      |      |         |              |         |           |            | 1,154        |
| TOTAL REQUEST  |   |                 |      |         |              |         |           |            | 16,142       |
| TOTAL REQUEST  | (ROUN   | DED)            |      |         |              |         |           |            | 16,000       |
| INSTALLED EQT-   | OTHER   | APPROP          |      |         |              |         |           |            | ()           |
| 10.Description of Prop   | osed Cons   | truction Con    | strı | ıct 2   | Entry Con    | trol    | Facilitie | es at FO   | B Shank.     |
| Primary facili   | ities   | include two     | enti | су со   | ntrol faci   | litie   | s with in | nspection  | n areas,     |
| guard towers,  | fenci   | ng lighting a   | and  | asph    | alt roads.   | Seco    | ndary fac | cilities   | include      |
| utilities and  | site  | improvements    | . Ar | ntite   | rrorism/Fo   | rce P   | rotection | n measur   | e will       |
| be included.   |   |                 |      |         |              |         |           |            |              |
|  |   |                 |      |         |              |         |           |            |              |
| 11. REQ:   |   | 2 EA ADQ'       | Г:   |         | NONE         | S       | UBSTD:    |            | 2 EA         |
| PROJECT: Cons  | struct  | two Entry Co    | onti | col P   | oints (ECP   | ) at    | FOB Shanl | k. (Curr   | ent          |
| Mission)   |   |                 |      |         |              |         |           |            |              |
| REQUIREMENT: Reconstruct and expand the current Entry Control Point (ECP 1)  |   |                 |      |         |              |         |           |            |              |
| to make it lar   | ger.  | Currently, i    | t is | s unal  | ole to sup   | port    | the large | e amount   | s of         |
| to make it larger. Currently, it is unable to support the large amounts of traffic coming on to Shank to support the build-up. Additionally, a new Entry |   |                 |      |         |              |         |           |            |              |
| Control Point  | Control Point (ECP 2) is required to be constructed to help give additional |                 |      |         |              |         |           |            |              |
| search area ca   | apacit  | y for constr    | ucti | ion v   | ehicles co   | ming    | onto the  | FOB. Ea    | ch ECP       |
| will require o   | constr  | uction of a     | guai | rd to   | wer to pro   | vide    | an over-l | head vie   | w of the     |
| exit/entrance  | lanes   | . These large   | er E | ECPs    | are necess   | ary t   | o provide | e adequa   | te           |
| holding/search   |   |                 |      |         |              |         |           | _          |              |
| CURRENT SITUAT   |   | The surge       |      |         |              |         |           | ly incre   | ased the     |
| demands on the   | e exis  |                 |      |         |              |         |           |            |              |
|  |   |                 |      |         |              |         |           |            |              |
| I -  | potentially a vulnerability for base protection. The processing at the ECP  |                 |      |         |              |         |           |            |              |

| I.COMPONENI       |           |      |          |              |         |           | Z.DAIE      |   |
|-------------------|-----------|------|----------|--------------|---------|-----------|-------------|---|
|                   | FY        | 2011 | MILITARY | CONSTRUCTION | PROJECT | DATA      |             |   |
| ARMY              |           |      |          |              |         |           | 23 JAN 2010 | ) |
| 3.INSTALLATION AN | D LOCATIO | N    |          |              |         |           |             |   |
|                   |           |      |          |              |         |           |             |   |
| Shank, Afghani    | istan     |      |          |              |         |           |             |   |
| 4.PROJECT TITLE   |           |      |          |              | 5.1     | PROJECT N | IUMBER      |   |
|                   |           |      |          |              |         |           |             |   |
| Expand ECP 1 a    | and ECP   | 2    |          |              |         |           | 77120       |   |
|                   |           |      |          |              |         |           |             |   |

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### CURRENT SITUATION: (CONTINUED)

COMPONENT

hinders delivery of all materials for construction which in turn hinders completion of projects. In addition, the existing ECP operations hinders movement of COIN resources on-and-off the installation.

IMPACT IF NOT PROVIDED: If the new ECPs are not provided, operations at FOB Shank will be at risk for significant disruption. In addition, since Shank is a major supply hub for their AO, combat operations in addition to the many construction projects will also be at risk.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement(PFS) will be submitted for this project prior to award.

#### 12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(a) Data Dagiona Otanstad

(1) Status:

| (a) | Date Design Started                              | NOV  | 2010 |
|-----|--|------|------|
| (b) | Percent Complete As Of January 2010              |      | .00  |
| (C) | Date 35% Designed                                | _JAN | 2011 |
| (d) | Date Design Complete                             | MAR  | 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs |      | NO   |
| (f) | Type of Design Contract: Design-bid-build        |      |      |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

|     | (a) Standard or Delinitive Design: NO                |          |
|-----|--|----------|
| (3) | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|     | (a) Production of Plans and Specifications           | 749      |
|     | (b) All Other Design Costs                           | 749      |
|     | (c) Total Design Cost                                | 1,498    |
|     | (d) Contract   | 749      |
|     | (e) In-house   | 749      |
| (4) | Construction Contract Award                          | APR 2011 |
| (5) | Construction Start                                   | MAY 2011 |

NIOTI OOIO

| 1.COMPONENT       | TV 0011    | MATT TIME DAY | CONCERDICETON |        | ш Баша     | 2.DATE |       |      |
|-------------------|------------|---------------|---------------|--------|------------|--------|-------|------|
|                   | FY 2011    | MILLTARY      | CONSTRUCTION  | PROJEC | II. DAIIA  |        |       |      |
| ARMY              |            |               |               |        |            | 23     | JAN 2 | 2010 |
| 3.INSTALLATION AN | D LOCATION |               |               |        |            |        |       |      |
|                   |            |               |               |        |            |        |       |      |
| al 1 761 '        |            |               |               |        |            |        |       |      |
| Shank, Afghani    | ıstan      |               |               |        |            |        |       |      |
| 4.PROJECT TITLE   |            |               |               | 5      | .PROJECT N | IUMBER |       |      |
|                   |            |               |               |        |            |        |       |      |
| Expand ECP 1 a    | and ECP 2  |               |               |        |            | 5      | 77120 |      |
|                   |            |               |               |        |            |        |       |      |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

The second second

Fiscal Year

Equipment Nomenclature

Procuring Appropriation Appropriated Cost Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT                     |             |            |       |      |        |     |            |       |           | 2.DATE     |              |
|---------------------------------|-------------|------------|-------|------|--------|-----|------------|-------|-----------|------------|--------------|
|                                 | FY 2        | 011        | MILI  | TAF  | RY CON | ST  | RUCTION    | PROJ: | ECT DATA  |            |              |
| ARMY                            |             |            |       |      |        |     |            |       |           | 23         | JAN 2010     |
| 3.INSTALLATION AN               | D LOCAT     | 'ION       |       |      |        |     | 4.PROJECT  | TITLE | E         |            |              |
| Sharana                         |             |            |       |      |        |     |            |       |           |            |              |
| Afghanistan                     |             |            |       |      |        |     | Bulk Ma    | teri  | als Tran  | sfer Sta   | tion         |
| 5.PROGRAM ELEMENT               | ı           | 6.CATEGORY | CODE  |      | 7.P    | ROJ | ECT NUMBER |       | 8.PROJECT | COST (\$00 | 0)           |
|                                 |             |            |       |      |        |     |            |       | Auth      | 12,        | 400          |
| 01010A                          |             | 123        | 3     |      |        |     | 74462      |       | Approp    | 12,        |              |
|                                 |             |            |       | 9    | .COST  | EST | IMATES     |       |           | •          |              |
|                                 | ITEM        |            |       | UM   | (M/E)  |     | OUAI       | TITY  |           | UNIT COST  | COST (\$000) |
| PRIMARY FACILI                  |             |            |       |      | . , ,  |     | ~          |       |           |            | 9,215        |
| Fuel Pumping S                  | <br>Statio  | ns         |       | EΑ   |        |     | 2          |       |           | 1300000    | (2,600)      |
| Chain Link 3.0                  |             |            |       | m    | (LF)   |     | 1,600      | (     | 5,249)    | 860.00     |              |
| Roads                           |             | _          |       | km   | (MI)   |     |            | (     |           | 840,000    |              |
| Administrative                  | e Faci      | lity       |       | m2   | (SF)   |     | 60         | (     | 645.83)   | 2,500      | -            |
| Tank Truck Loa                  |             | -          | lity  | EΑ   |        |     | 2          |       | •         | 215,000    |              |
| Total from (                    |             |            | _     |      |        |     |            |       |           | ,          | (2,979)      |
| SUPPORTING FAC                  |             |            |       |      |        |     |            |       |           |            | 1,786        |
| Electric Servi                  | Lce         |            |       | LS   |        |     |            |       |           |            | (590)        |
| Site Imp( 81                    |             | mo (       | )     | LS   |        |     |            |       |           |            | (815)        |
| Information Sy                  |             |            | ,     | LS   |        |     |            |       |           |            | (101)        |
| Antiterrorism                   |             |            |       | LS   |        |     |            |       |           |            | (280)        |
|                                 |             |            |       |      |        |     |            |       |           |            | (===,        |
|                                 |             |            |       |      |        |     |            |       |           |            | I            |
|                                 |             |            |       |      |        |     |            |       |           |            | I            |
|                                 |             |            |       |      |        |     |            |       |           |            | 1            |
|                                 |             |            |       |      |        |     |            |       |           |            |              |
| ESTIMATED CONT                  | TRACT       | COST       |       |      |        |     |            |       |           |            | 11,001       |
| CONTINGENCY                     |             |            |       |      |        |     |            |       |           |            | 550          |
| SUBTOTAL                        | (3.000      | ,          |       |      |        |     |            |       |           |            | 11,551       |
| SUPV, INSP & (                  | ИЕБПЕ       | AD (7 70   | ۱۵۱   |      |        |     |            |       |           |            | 889          |
| TOTAL REQUEST                   | , A TIKITI. | (/./       | , 0 / |      |        |     |            |       |           |            | 12,440       |
| TOTAL REQUEST                   | (DOITH      | ומשת       |       |      |        |     |            |       |           |            | 12,440       |
| IOTAL REQUEST<br>INSTALLED EQT- | •           | ,          |       |      |        |     |            |       |           |            | 12,400       |
| 10.Description of Prop          |             |            | Conc  | + ~: | ıct a  | B11 | lk Mater   | י ובי | Trancfor  | Station    |              |
| IO.Description of Prop          |             |            |       |      |        |     |            |       |           |            |              |

10.Description of Proposed Construction Construct a Bulk Material Transfer Station for receiving and transferring aggregate materials and bulk fuel. This facility is separate from the main Entry Control Point (ECP) and does not permit vehicles to enter the installation. Primary facilities include a transfer pad for stockpiling aggregate materials, a two-station Tank Truck Offload Facility(TTOF) with 57,000 liter (15,000 gal) offload tanks (double-walled, buried), filter separators, fuel transfer pumps, hoses, piping, strainers, valves, controls, and instrumentation, piping from offload tanks to bulk fuel storage tanks (bulk fuel storage is separate project), chain link fence and ECP with guard house. Supporting facilities include site improvements, utilities, and paved access road through ECP to TTOF.

11. REQ: 2 EA ADQT: NONE SUBSTD: 2 EA PROJECT: Construct a Bulk Material Transfer Station at Sharana, Afghanistan. (Current Mission)

<u>REQUIREMENT:</u> US Forces are expanding the mission support capacity of Sharana to meet operational requirements in Regional Command-East (RC-E), Afghanistan. Efficient, effective, and safe processing of fuel and materials is critical to operational success. This project will provide a fuel and material transfer point with an Entry Control Point that will allow contractor trucks to

| 1.COMPONENT       |                   |          |          |           |       |           | 2.DATE  |          |
|-------------------|-------------------|----------|----------|-----------|-------|-----------|---------|----------|
|                   | FY 2011 MII       | JITAF    | RY CONST | RUCTION E | PROJI | ECT DATA  |         |          |
| ARMY              |                   |          |          |           |       |           | 23      | JAN 2010 |
| 3.INSTALLATION AN | D LOCATION        |          |          |           |       |           | •       |          |
|                   |                   |          |          |           |       |           |         |          |
| Sharana, Afgha    | anistan           |          |          |           |       |           |         |          |
| 4.PROJECT TITLE   |                   |          |          |           |       | 5.PROJECT | NUMBER  |          |
|                   |                   |          |          |           |       |           |         |          |
| Bulk Materials    | Transfer Station  | 1        |          |           |       |           | 7       | 4462     |
|                   |                   |          |          |           |       |           |         |          |
| 9. COST EST       | MATES (CONTINUED) | <u>.</u> |          |           |       |           |         |          |
|                   |                   |          |          |           |       |           | Unit    | Cost     |
| Item              |                   | UM       | (M/E)    | QUAN      | rity  |           | COST    | (\$000)  |
|                   |                   |          |          |           |       |           |         |          |
| PRIMARY FACILI    | TY (CONTINUED)    |          |          |           |       |           |         |          |
| Operatiing Dro    | p Tanks           | L        | (GA)     | 113,562   | (     | 30,000)   | 2.00    | (227)    |
| Entry Control     | Point             | EA       |          | 1         |       |           | 275,000 | (275)    |
| POL Pipeline,     | Underground       | m        | (LF)     | 3,500     | (     | 11,483)   | 660.00  | (2,310)  |
| POL Pipeline (    | Connections       | LS       |          |           |       |           |         | (50)     |
| Transfer Pad,     | Concrete          | LS       |          |           |       |           |         | (100)    |
| Building Infor    | rmation Systems   | LS       |          |           |       |           |         | (17)     |
|                   |                   |          |          |           |       |           | Total   | 2,979    |

### REQUIREMENT: (CONTINUED)

load/unload without entering the installation.

CURRENT SITUATION: Fuel is unloaded inside the installation at the existing bulk fuel storage location, requiring fuel tanker trucks to enter the installation through the main ECP. This ECP is undersized and inadequate to manage the influx of fuel and material deliveries. The vehicle staging area is insufficient, contributing to significant congestion and delays. Contracted fuel tanker trucks and aggregate material delivery vehicles present a high force protection risk as they access and traverse the installation. IMPACT IF NOT PROVIDED: If this project is not funded, US operations at Sharana will be at risk of significant disruption. Without a segregated fuel transfer facility, fuel tanker trucks from outside the installation will continue to enter the installation, posing a security threat to personnel and property. Congestion, delays, and risk of force protection breach will escalate as expansion and missions continue. Disruption of operations at Sharana will have significant impact on the US mission in Afghanistan. All physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | MAY 2010 |
| (d) | Date Design Complete                             | NOV 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

| 1.COMPONENT       |   | 2.DATE                |
|-------------------|---|-----------------------|
|                   | FY 2011 MILITARY CONSTRUCTION PROJE   | CT DATA               |
| ARMY              |   | 23 JAN 2010           |
| 3.INSTALLATION AN | D LOCATION  | •                     |
|                   |   |                       |
| Sharana, Afgha    | nistan  |                       |
| 4.PROJECT TITLE   | miscan  | 5.PROJECT NUMBER      |
| T.TROOLET TITLE   |   | 3.TROUBET NOTIBER     |
| D 31 M            | m   | F4460                 |
| Bulk Materials    | Transfer Station  | 74462                 |
|                   |   |                       |
|                   | <pre>ITAL DATA: (Continued)</pre>   |                       |
| A. Estin          | nated Design Data: (Continued)  |                       |
| (2)               | Basis:  |                       |
|                   | (a) Standard or Definitive Design: NO   |                       |
|                   |   |                       |
| (3)               | Total Design Cost (c) = $(a) + (b)$ OR $(d) + (e)$  | e): (\$000)           |
| (3)               | (a) Production of Plans and Specification   | •                     |
|                   | (b) All Other Design Costs  |                       |
|                   |   |                       |
|                   | (c) Total Design Cost   |                       |
|                   | (d) Contract  |                       |
|                   | (e) In-house  | 68                    |
|                   |   |                       |
| (4)               | Construction Contract Award   | <u>JAN 2011</u>       |
|                   |   |                       |
| (5)               | Construction Start  | MAR 2011              |
| . ,               |   |                       |
| (6)               | Construction Completion   | MAR 2012              |
| (0)               | competation completion  |                       |
|                   |   |                       |
| D                 |   | ' 1 1 1 6             |
|                   | oment associated with this project which we have the contract of the contract | vill be provided from |
| other approp      | oriations:  |                       |
|                   |   | Fiscal Year           |
| Equipment         | Procuring   | Appropriated Cost     |
| Nomenclati        | are Appropriation   | Or Requested (\$000)  |
|                   | <del></del>   |                       |

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT   |            | 211      | MITT      |                  | 37. 001 | IOMPIIOM | ITON : |       |          | 2.DATE     |                                  |
|---|------------|----------|-----------|------------------|---------|----------|--------|-------|----------|------------|----------------------------------|
| ARMY  | FY 2       | JII      | IvI T T 7 | LIAR             | KY COI  | ISTRUCT  | ION .  | PROJE | ECT DATA |            | JAN 2010                         |
| 3.INSTALLATION AN   | D LOCAT    | ION      |           |                  |         | 4.PR     | OJECT  | TITLE |          |            | 0111 2010                        |
| Shindand  |            |          |           |                  |         |          |        |       |          |            |                                  |
| Afghanistan   |            |          |           | Medical Facility |         |          |        |       |          |            |                                  |
| 5.PROGRAM ELEMENT   | 1          | 6.CATEGO | RY CODE   | :                |         |          |        |       |          | COST (\$00 | 00)                              |
|   |            |          |           |                  |         |          |        |       | Auth     | 7,         | 700                              |
| 01010A  |            | 5        | 10        |                  |         | 755      | 60     |       | Approp   | 7,         | 700                              |
|   |            |          |           | 9                | .COST   | ESTIMATE | S      |       |          |            |                                  |
|   | ITEM       |          |           | UM               | (M/E)   |          | QUAI   | YTITY |          | UNITCOST   | COST (\$000)                     |
| PRIMARY FACILI  |            |          |           |                  |         |          |        |       |          |            | 4,828                            |
| Medical Facili  | -          |          |           | m2               | (SF)    |          | ,249   |       |          |            |                                  |
| Rotary-Wing La  |            |          |           |                  | (SF)    | 3        | ,719   | (     | 40,031)  | 353.15     |                                  |
| Building Infor  | rmation    | n Syste  | ms        | LS               |         |          |        |       |          |            | (68)                             |
| SUPPORTING FACE Electric Serving Water, Sewer, Paving, Walks, | ice<br>Gas |          | ters      | LS<br>LS         |         |          |        | <br>  |          | <br>       | 1,977<br>(916)<br>(353)<br>(226) |
| Storm Drainage  |            |          |           | LS               |         |          |        |       |          |            | (59)                             |
| Site Imp( 25  | 52) Dei    | no (     | )         | LS               |         |          |        |       |          |            | (252)                            |
| Information Sy  | gstems     |          |           | LS               |         |          |        |       |          |            | (20)                             |
| Commo (Fiber C  | Optic)     |          |           | LS               |         |          |        |       |          |            | (151)                            |
|   |            |          |           |                  |         |          |        |       |          |            |                                  |
| ESTIMATED CONT  | TRACT (    | COST     |           |                  |         |          |        |       |          |            | 6,805                            |
| CONTINGENCY   | (5.00%     | )        |           |                  |         |          |        |       |          |            | 340                              |
| SUBTOTAL  |            |          |           |                  |         |          |        |       |          |            | 7,145                            |
| SUPV, INSP & 0  | OVERHE     | AD (7.   | 70왕)      |                  |         |          |        |       |          |            | 550                              |
| CATEGORY E EQU  | JIPMEN'    | Γ        |           |                  |         |          |        |       |          |            | 50                               |
| TOTAL REQUEST   |            |          |           |                  |         |          |        |       |          |            | 7,745                            |
| TOTAL REQUEST   | (ROUN      | DED)     |           |                  |         |          |        |       |          |            | 7,700                            |
| INSTALLED EQT-  | -OTHER     | APPROP   |           |                  |         |          |        |       |          |            | ()                               |
| 10.Description of Prop  | osed Const | ruction  | Cons      | stru             | ıct a   | Medica   | l Fac  | cilit | y. The   | primarv    | facility                         |

10.Description of Proposed Construction Construct a Medical Facility. The primary facility will include examination and treatment rooms, laboratories, pharmacy, medical screening rooms, trauma bay, waiting area, office and storage space, ambulance parking area, and MEDEVAC helicopter parking pads. Supporting facilities include electrical service distribution, water storage tanks, water and sewage distribution systems, mechanical systems, building information systems, roads, curbs, walkways, drainage, and parking. Back-up generation is required. Furniture and equipment will be furnished and installed with proponent funds (OMA). Antiterrorism/Force Protection measures will be included.

11. REQ: 1,249 m2 ADQT: NONE SUBSTD: 1,249 m2

PROJECT: Construct a Medical Facility at Shindand, Afghanistan. (Current Mission)

<u>REQUIREMENT:</u> This project is required to provide adequate medical services to Regional Command-West(RC-W). There are no adequate medical facilities in this region of the country capable of serving U.S. forces. The population on Shindand is expected to exceed 3,000 personnel, with an even greater number personnel dissiminated throughout the RC-W region. This medical facility will serve as the primary facility for all major surgical procedures in RC-W.

| I. COMI ONLINI    |            |          |              |         |           | Z.DAIL      |
|-------------------|------------|----------|--------------|---------|-----------|-------------|
|                   | FY 2011    | MILITARY | CONSTRUCTION | PROJECT | T DATA    |             |
| ARMY              |            |          |              |         |           | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION |          |              |         |           |             |
|                   |            |          |              |         |           |             |
| Shindand, Afgh    | nanistan   |          |              |         |           |             |
| 4.PROJECT TITLE   |            |          |              | 5.      | PROJECT N | IUMBER      |
|                   |            |          |              |         |           |             |
| Medical Facili    | ity        |          |              |         |           | 75560       |
|                   |            |          |              |         | •         |             |

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CURRENT SITUATION: Shindand does not have any medical facilities to provide support for the additional personnel projected for the both the installation and the region.

IMPACT IF NOT PROVIDED: Without this medical facility, Shindad will be severely limited in its ability to render lifesaving and preventative medicine capabilities for those individuals stationed on installations throughout RC-W. Without this facility, personnel will have to be transported 300 miles to the nearest medical facility at Tombstone/Bastion.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

#### 12. SUPPLEMENTAL DATA:

1 COMPONENT

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | APR 2010 |
| (d) | Date Design Complete                             | NOV 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:

|     | (a)         | Standard or Definitive Design: NO   |             |
|-----|-------------|---|-------------|
| (3) | Tota<br>(a) | <pre>Design Cost (c) = (a)+(b) OR (d)+(e): Production of Plans and Specifications</pre> | (\$000)<br> |
|     | (b)         | All Other Design Costs  |             |
|     | (C)         | Total Design Cost   | 426         |
|     | (d)         | Contract  |             |
|     | (e)         | In-house  | 142         |
| (4) | Cons        | truction Contract Award   | JAN 2011    |
| (5) | Cons        | truction Start  | MAR 2011    |

| 1.COMPONENT       | F77 0011   | MTT TERROIT | CONCERNICETON |        |            | 2.DATE |       |      |
|-------------------|------------|-------------|---------------|--------|------------|--------|-------|------|
|                   | FY 2011    | MILLTARY    | CONSTRUCTION  | PROJEC | T DATA     |        |       |      |
| ARMY              |            |             |               |        |            | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATION |             |               |        |            |        |       |      |
|                   |            |             |               |        |            |        |       |      |
| Shindand, Afgh    | nanistan   |             |               |        |            |        |       |      |
| 4.PROJECT TITLE   |            |             |               | 5      | .PROJECT N | IUMBER |       |      |
|                   |            |             |               |        |            |        |       |      |
| Medical Facili    | ity        |             |               |        |            | -      | 75560 |      |
| <u> </u>          | <u> </u>   | ·           |               |        |            |        |       |      |

# 12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT              |             |                 |           |        |               |          |            | 2.DATE      |                       |
|--------------------------|-------------|-----------------|-----------|--------|---------------|----------|------------|-------------|-----------------------|
| ARMY                     | FY 20       | 11 MIL          | TARY      | CON    | STRUCTION P   | ROJE     | CT DATA    |             | JAN 2010              |
| 3.INSTALLATION AND       | LOCATI      | ON              |           |        | 4.PROJECT T   | TITLE    |            | 23          | DAN Z010              |
| Tarin Kowt               |             |                 |           |        |               |          |            |             |                       |
| Afghanistan              |             |                 |           |        | Medical       | Faci     | litv       |             |                       |
| 5. PROGRAM ELEMENT       |             | 6.CATEGORY CODE |           | 7.PF   | ROJECT NUMBER |          |            | COST (\$00  | 0)                    |
|                          |             |                 |           |        |               |          | Auth       |             | 500                   |
| 01010A                   |             | 510             |           |        | 75197         |          | Approp     |             | 500                   |
| 0101011                  |             | 310             | 9.        | COST 1 | ESTIMATES     |          |            | 31          | 300                   |
|                          | TITIM       |                 | TTM       | (M/E)  | OLIANE        | m T m 37 |            | TINTER COOR | GOGE (\$000)          |
| PRIMARY FACILI           | ITEM<br>TY  |                 | UM        | (M/E)  | QUANT         | TITY     |            | UNITCOST    | COST (\$000)<br>3,770 |
| Medical Facili           |             |                 | m2 (      | (SE)   | 1 249         | (        | 13,444)    | 2,760       |                       |
| Building Inform          | _           | Systems         | LS        | (DI)   | 1,240         |          | 13, 111)   |             | (323)                 |
| barraring rillori        | illacion    | byscems         | Ц         |        |               |          |            |             | (323)                 |
|                          |             |                 |           |        |               |          |            |             |                       |
|                          |             |                 |           |        |               |          |            |             |                       |
|                          |             |                 |           |        |               |          |            |             |                       |
|                          |             |                 |           |        |               |          |            |             |                       |
| SUPPORTING FAC           |             | <u>S</u>        |           |        |               |          |            |             | 1,097                 |
| Electric Servi           |             |                 | LS        |        |               |          |            |             | (421)                 |
| Water, Sewer, (          | Gas         |                 | LS        |        |               |          |            |             | (98)                  |
| Paving, Walks,           | Curbs       | & Gutters       | LS        |        |               |          |            |             | (34)                  |
| Storm Drainage           |             |                 | LS        |        |               |          |            |             | (49)                  |
| Site Imp( 4              | 9) Dem      | .0 (            | LS        |        |               |          |            |             | (49)                  |
| Information Sys          | stems       |                 | LS        |        |               |          |            |             | (446                  |
| 1                        |             |                 |           |        |               |          |            |             | ,                     |
|                          |             |                 |           |        |               |          |            |             |                       |
|                          |             |                 |           |        |               |          |            |             |                       |
| ESTIMATED CONT           | פאכיד כ     | ОСТ             |           |        |               |          |            |             | 4,867                 |
| CONTINGENCY (            |             | 051             |           |        |               |          |            |             | 243                   |
|                          | 5.00%)      |                 |           |        |               |          |            |             |                       |
| SUBTOTAL                 | ,,,,,,,,,,, | D (7 700)       |           |        |               |          |            |             | 5,110                 |
| SUPV, INSP & O           |             |                 |           |        |               |          |            |             | 393                   |
| CATEGORY E EQU           | I PMEN'I    |                 |           |        |               |          |            |             | (0                    |
| TOTAL REQUEST            |             |                 |           |        |               |          |            |             | 5,503                 |
| TOTAL REQUEST            |             |                 |           |        |               |          |            |             | 5,500                 |
| INSTALLED EQT-0          | OTHER       |                 |           |        |               |          |            |             | (                     |
| 10.Description of Propos |             |                 |           |        | Medical Fac   |          |            |             | facility              |
| will include a           |             |                 |           |        |               |          |            |             |                       |
| medical screen           | ing ro      | oms, trauma     | bay,      | wai    | ting area,    | offi     | ce and     | storage     | space,                |
| and ambulance            | parkin      | g area. Supp    | porti     | .ng f  | acilities i   | nclu     | de elec    | trical      |                       |
| distribution,            | water       | storage tank    | s, w      | ater   | and sewage    | dis      | tributi    | on syste    | ms,                   |
| mechanical sys           | tems,       | building inf    | forma     | ation  | systems, r    | oads     | , curbs    | , walkwa    | ys,                   |
| drainage, and            | parkin      | g. Furniture    | e and     | d med  | ical equipm   | ent      | will be    | furnish     | ed and                |
| installed with           | other       | appropriati     | ions (    | (AMO)  | . Antiterro   | rism     | /Force     | Protecti    | on                    |
| measures will            |             |                 |           |        |               |          |            |             |                       |
|                          |             |                 |           |        |               |          |            |             |                       |
| 11. REQ:                 | 1 .         | 249 BD ADQ1     |           |        | NONE          | SII      | BSTD:      |             | 1,249 BD              |
|                          | -           | a Medical Fa    |           | v at   |               |          |            |             | •                     |
| Mission)                 | or acc      | a mouncum re    | ~U L      | y ac   | TOTAL NOW C   | , 51     | 5110111100 | all. (CUI   |                       |
| REQUIREMENT:             | 7 ~~~       | igal fagilit    | - , , , , | 1 200  | nirod at ma   | rin      | Kowt to    | nrossi da   |                       |
|                          |             | ical facilit    |           |        |               | LT TII   | MOWL LO    | brovide     |                       |
| preventive med           |             |                 |           | _      |               | 1        |            |             |                       |
| CURRENT SITUAT           |             |                 |           |        | have medic    |          |            | _           |                       |
| provide suppor           |             |                 |           |        |               | ties     | are be     | ıng used    | to                    |
| provide treatme          | ent an      | d care to be    | erson     | nel.   |               |          |            |             |                       |

| 1.COMPONENT        |            |          |              |        |            | 2.DATE |        |  |
|--------------------|------------|----------|--------------|--------|------------|--------|--------|--|
|                    | FY 2011    | MILITARY | CONSTRUCTION | PROJEC | T DATA     |        |        |  |
| ARMY               |            |          |              |        |            | 23 JA  | N 2010 |  |
| 3.INSTALLATION AND | D LOCATION |          |              |        |            |        |        |  |
|                    |            |          |              |        |            |        |        |  |
| Tarin Kowt, Af     | ghanistan  |          |              |        |            |        |        |  |
| 4.PROJECT TITLE    |            |          |              | 5      | .PROJECT N | NUMBER |        |  |
|                    |            |          |              |        |            |        |        |  |
| Medical Facili     | .ty        |          |              |        |            | 751    | 97     |  |

IMPACT IF NOT PROVIDED: Without a medical facility, Tarin Kowt will be severely limited in their lifesaving and preventative medicine capability significantly degrading US resources resulting in decreased operating capacity.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV | 2009 |
|-----|--|-----|------|
| (b) | Percent Complete As Of January 2010              |     | .00  |
| (C) | Date 35% Designed                                | MAY | 2010 |
| (d) | Date Design Complete                             | DEC | 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs |     | NO   |
|     |  |     |      |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3)   | Tota   | I Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$0 | 000) |
|-------|--------|--|------|------|
|       | (a)    | Production of Plans and Specifications           |      | 193  |
|       | (b)    | All Other Design Costs                           |      | 96   |
|       | (C)    | Total Design Cost                                |      | 289  |
|       | (d)    | Contract   |      | 193  |
|       | (e)    | In-house   |      | 96   |
|       |        |  |      |      |
| / 4 \ | $\sim$ |  |      | 0011 |

- (4) Construction Contract Award..... FEB 2011

| 1.COMPONENT       |            |          |              |       |           | 2.DATE      |
|-------------------|------------|----------|--------------|-------|-----------|-------------|
|                   | FY 2011    | MILITARY | CONSTRUCTION | PROJE | CT DATA   |             |
| ARMY              |            |          |              |       |           | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION |          |              |       |           |             |
|                   |            |          |              |       |           |             |
| Tarin Kowt, At    | fghanistan |          |              |       |           |             |
| 4.PROJECT TITLE   |            |          |              |       | 5.PROJECT | NUMBER      |
|                   |            |          |              |       |           |             |
| Medical Facil:    | ity        |          |              |       |           | 75197       |
|                   |            |          |              |       |           |             |

12. SUPPLEMENTAL DATA: (CONTINUED)

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT             |             |            |              |     |          |          |        |       |           | 2.DATE   |              |
|-------------------------|-------------|------------|--------------|-----|----------|----------|--------|-------|-----------|--|--------------|
| 51.12 01.121.1          | FY 20       | )11        | MILT         | TAR | Y COI    | ISTRUCT  | 'ION F | PROIT | ECT DATA  | The state of the s |              |
| ARMY                    | 2           |            |              |     |          | 01       |        |       |           |  | 3 JAN 2010   |
| 3.INSTALLATION AND      | D LOCAT     | ION        |              |     |          | 4.PR     | OJECT  | TITLE |           |  | 3 01H, 2010  |
| Tarin Kowt              |             |            |              |     |          |          |        |       |           |  |              |
| Afghanistan             |             |            |              |     |          | Rot      | arv V  | Jina  | Parking   | and Ta   | xiway, Ph 2  |
| 5.PROGRAM ELEMENT       |             | 6.CATEGORY | CODE         |     |          |          |        |       | COST (\$0 | •  |              |
|                         |             |            |              |     |          |          |        |       | Auth      | 2.4  | ,000         |
| 01010A                  |             | 11:        | 3            |     |          | 751      | 98     |       | Approp    |  | ,000         |
|                         |             |            |              | 9   | .COST    | ESTIMATE | S      |       | L         |  |              |
|                         | ITEM        |            |              | TTM | (M/E)    |          | OIIAN  | TITY  |           | UNITCOST   | COST (\$000) |
| PRIMARY FACILI          |             |            |              | Ori | (1-1/11/ |          | QOM    |       |           | ONTT CODI  | 19,070       |
| Rotary Wing Pa          | rking       | Apron      |              | m2  | (SF)     | 47       | ,500   | (     | 511,286)  | 228.0  | (10,830)     |
| Rotary Wing Ta          |             |            |              | m2  | (SF)     | 10       | ,900   | (     | 117,327)  | 228.0  | (2,485)      |
| Airfield Misc.          | Pavir       | ng         |              | m2  | (SF)     | 20       | ,900   | (     | 224,966)  | 228.0  | (4,765)      |
| Apron Lighting          | η - Hi      | Mast       |              | LS  |          |          |        |       |           |  | (990)        |
|                         |             |            |              |     |          |          |        |       |           |  |              |
|                         |             |            |              |     |          |          |        |       |           |  |              |
| SUPPORTING FAC          |             | <u>ES</u>  |              |     |          |          |        |       |           |  | 1,944        |
| Electric Servi          |             |            |              | LS  |          |          |        |       |           |  | (210)        |
| Paving, Walks,          |             |            |              | LS  |          |          |        |       |           |  | (412)        |
| Site Imp( 1,32          | 2) Der      | no (       | )            | LS  |          |          |        |       |           |  | (1,322)      |
|                         |             |            |              |     |          |          |        |       |           |  |              |
|                         |             |            |              |     |          |          |        |       |           |  |              |
|                         |             |            |              |     |          |          |        |       |           |  |              |
|                         |             |            |              |     |          |          |        |       |           |  |              |
|                         |             |            |              |     |          |          |        |       |           |  |              |
| ESTIMATED CONT          | ים ארשי ע   | T∩CTT      |              |     |          |          |        |       |           |  | 21,014       |
|                         | 5.00%       |            |              |     |          |          |        |       |           |  | 1,051        |
| SUBTOTAL                | J. 00%      |            |              |     |          |          |        |       |           |  | 22,065       |
| SUPV, INSP & C          | MEBHE       | ער ל) מע   | N용)          |     |          |          |        |       |           |  | 1,699        |
| TOTAL REQUEST           | , , <u></u> | ( / . / /  | <b>.</b> 0 / |     |          |          |        |       |           |  | 23,764       |
| TOTAL REQUEST           | (BOIINI     | OED)       |              |     |          |          |        |       |           |  | 24,000       |
| INSTALLED EQT-          |             |            |              |     |          |          |        |       |           |  | (0)          |
| 10.Description of Propo |             |            | Cons         | tru | ict ai   | n exten  | sion   | to    | the exis  | ting av  |              |

10.Description of Proposed Construction Construct an extension to the existing aviation parking ramp and taxiway. This extension will include parking, taxiways, lighting, and markings for rotary-wing aircraft. Parking will be provided for 21 aircraft, all spaces will be sized for CH-47s, and will include grounding and tie-down points. Supporting facilities include utilities, and site improvements. Antiterrorism/Force Protection measures will be included.

11. REQ: 190,220 m2 ADQT: 65,000 m2 SUBSTD: 125,220 m2

PROJECT: Construct Phase 2 of Rotary-Wing Apron at Tarin Kowt, Afghanistan.

(Current Mission)

<u>REQUIREMENT:</u> Tarin Kowt is essential to US operations in Regional Command-South (RC-S), Afghanistan. Tarin Kowt must have the capability to support multiple types of rotary-wing aircraft. Adequate facilities are thus required to sustain safe operations of helicopters. Rotary-Wing Ramp and Taxiway, PHI (FY09) will accommodate 15 CH-47 airframes assigned to Tarin Kowt. An additional 21 helicopters are planned for Tarin Kowt. This second phase of ramp and taxiway construction is required to accommodate these additional 21 helicopters.

| 1.COMPONENT        | FY 2011        | MTTTTTTTT | CONSTRUCTION |        | ת האתה    | 2.DATE |       |      |
|--------------------|----------------|-----------|--------------|--------|-----------|--------|-------|------|
| ARMY               | F1 2011        | MILLIARI  | CONSTRUCTION | PROJEC | DAIA      | 23     | JAN   | 2010 |
| 3.INSTALLATION AND | D LOCATION     |           |              |        |           |        | 01111 |      |
|                    |                |           |              |        |           |        |       |      |
| Tarin Kowt, Af     | ghanistan      |           |              |        |           |        |       |      |
| 4.PROJECT TITLE    |                |           |              | 5      | PROJECT 1 | NUMBER |       |      |
|                    |                |           |              |        |           |        |       |      |
| Rotary Wing Pa     | arking and Tax | iway, Ph  | 2            |        |           |        | 75198 |      |

CURRENT SITUATION: Currently, Tarin Kowt has limited facilities to support rotary wing aircraft operations. Expeditionary parking is provided on airfield matting (AM-2) and gravel and is the Initial Operating Capability (IOC) solution. Foreign Object Debris (FOD) is prevalent and increases risk of damage to aircraft and injury to personnel. The AM-2 and gravel requires continuous maintenance and cannot support sustained operations. Rotary-Wing Parking and Taxiways, PHI (FY09, PN73393), when complete, will only meet approximately 40% of the projected helicopter parking requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, expeditionary surfaces will continue to be used for aircraft parking and operations, resulting in increased maintenance requirements and risk of damage to aircraft.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

|                                   | FY2009(\$000) | Requested FY2011(\$000) |
|-----------------------------------|---------------|-------------------------|
| Authorization                     | \$26,000      | \$24,000                |
| Authorization of<br>Appropriation | \$26,000      | \$24,000                |
| Appropriation                     | \$26,000      | \$24,000                |

#### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | FEB 2010 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | .00      |
| (c) | Date 35% Designed                                | NOV 2010 |
| (d) | Date Design Complete                             | MAR 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO
- (3) Total Design Cost (c) = (a) + (b) OR (d) + (e): (\$000)

| 1.COMPONENT   |   |                         |                  | 2.DATE          |  |  |
|---|---|-------------------------|------------------|-----------------|--|--|
|   | FY 2011 MILITA                          | RY CONSTRUCTION PROJE   | CT DATA          |                 |  |  |
| ARMY  |   |                         |                  | 23 JAN 2010     |  |  |
| 3.INSTALLATION AN   | D LOCATION                              |                         | *                |                 |  |  |
|   |   |                         |                  |                 |  |  |
| Tarin Kowt, Af  | ghanistan                               |                         |                  |                 |  |  |
| 4.PROJECT TITLE   |   |                         | 5.PROJECT NUMBER |                 |  |  |
|   |   |                         |                  |                 |  |  |
| Rotary Wing Pa  | arking and Taxiway, E                   | Ph 2                    | 75198            |                 |  |  |
|   | 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 |                         |                  |                 |  |  |
| 12. SUPPLEMEN   | ITAL DATA: (Continued                   | 1)                      |                  |                 |  |  |
|   | nated Design Data: (C                   |                         |                  |                 |  |  |
|   |   | Plans and Specification | ns               | 776             |  |  |
|   |   | n Costs                 |                  |                 |  |  |
|   |   | ost                     |                  |                 |  |  |
|   |   |                         |                  |                 |  |  |
|   |   |                         |                  |                 |  |  |
|   | (e) III-liouse                          |                         |                  |                 |  |  |
| (4)   | Construction Contrac                    | ct Award                |                  | <u>MAY 2011</u> |  |  |
| (5)   | Construction Start                      |                         |                  | <u>JUL 2011</u> |  |  |
| (6)   | Construction Complet                    | ion                     |                  | SEP 2012        |  |  |
| B. Equipment associated with this project which will be provided from other appropriations: |   |                         |                  |                 |  |  |
|   |   |                         | Fisca            | l Year          |  |  |
| Equipment   |   | Procuring               | Appro            | priated Cost    |  |  |
| Nomenclatu  | ire                                     | Appropriation           | Or Red           | quested (\$000) |  |  |
|   |   | NONE                    |                  |                 |  |  |

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT   |            |         |          |         |                |               |            |           | 2.DATE     |                 |
|---|------------|---------|----------|---------|----------------|---------------|------------|-----------|------------|-----------------|
|   | FY 2       | 011     | MIL      | ITARY   | CON            | STRUCTION     | PROJ:      | ECT DATA  |            |                 |
| ARMY  |            |         |          |         |                |               |            |           | 23         | JAN 2010        |
| 3.INSTALLATION AN   | D LOCAT    | ION     |          |         |                | 4.PROJECT     | TITLE      | 3         |            |                 |
| Tarin Kowt  |            |         |          |         |                |               |            |           |            |                 |
| Afghanistan   |            |         |          |         |                | Wastewa       | ater '     | Treatmen  | t Facili   | ty              |
| 5.PROGRAM ELEMENT   |            | 6.CATEG | ORY CODE | :       | 7.PF           | ROJECT NUMBER | 2          | 8.PROJECT | COST (\$00 | 0)              |
|   |            |         |          |         |                |               |            | Auth      | 4,         | 200             |
| 01010A  |            |         | 831      |         |                | 75214         |            | Approp    | •          | 200             |
|   |            |         |          | 9.0     | OST I          | ESTIMATES     |            |           |            |                 |
|   | ITEM       |         |          | UM (I   | M / E )        | OIII          | NTTTTTV    |           | UNIT COST  | COST (\$000)    |
| PRIMARY FACILI  |            |         |          | OIVI (I | M/E)           | QUF           | ANTITY     |           | UNITCOST   | 3,160           |
| Wastewater Tre  |            | t Faci  | 1 1 + 17 | L/d(1   | KC)            | 317,975       | <b>5</b> ( | 84,000)   | 9.90       |                 |
|   |            |         | _        |         | KG)            | 317,97.       | ) (        | 84,000)   | 9.90       |                 |
| Building Infor  | .IIIaCIO.  | n syste | ellis    | LS      |                |               |            |           |            | (12)            |
|   |            |         |          |         |                |               |            |           |            |                 |
|   |            |         |          |         |                |               |            |           |            |                 |
|   |            |         |          |         |                |               |            |           |            |                 |
|   |            |         |          |         |                |               |            |           |            |                 |
| SUPPORTING FAC  | CILITI     | ES      |          |         |                |               |            |           |            | 554             |
| Electric Servi  | .ce        |         |          | LS      |                |               |            |           |            | (119)           |
| Water, Sewer,   | Gas        |         |          | LS      |                |               |            |           |            | (25)            |
| Site Imp( 13  | 35) Dei    | mo(     | )        | LS      |                |               |            |           |            | (135)           |
| Information Sy  | stems      |         |          | LS      |                |               |            |           |            | (275)           |
| 2   |            |         |          |         |                |               |            |           |            | , -,            |
|   |            |         |          |         |                |               |            |           |            |                 |
|   |            |         |          |         |                |               |            |           |            |                 |
|   |            |         |          |         |                |               |            |           |            |                 |
|   |            |         |          |         |                |               |            |           |            |                 |
| ESTIMATED CONT  | 1D 7/ CIT! | COCT    |          |         |                |               |            |           |            | 2 714           |
|   |            |         |          |         |                |               |            |           |            | 3,714           |
|   | (5.00%     | )       |          |         |                |               |            |           |            | 186             |
| SUBTOTAL  |            |         |          |         |                |               |            |           |            | 3,900           |
| SUPV, INSP & C  | VERHE.     | AD (7   | .70%)    |         |                |               |            |           |            | 300             |
| TOTAL REQUEST   |            |         |          |         |                |               |            |           |            | 4,200           |
| TOTAL REQUEST   | (ROUN      | DED)    |          |         |                |               |            |           |            | 4,200           |
| INSTALLED EQT-  | OTHER      | APPRO   | P        |         |                |               |            |           |            | ()              |
| 10.Description of Propo   | osed Const | ruction | Cons     | struct  | t a            | Wastewateı    | r Tre      | atment F  | acility.   | The new         |
| facility will   | consi      | st of a | an Equa  | alizat  | tion           | Chamber,      | Slud       | ge Holdi: | ng Chamb   | er,             |
| Aeration Chamb  | er, C      | larifi  | er Char  | mber a  | and            | Chlorine (    | Conta      | ct Chamb  | er. Supp   | orting          |
| facilities ind  |            |         |          |         |                |               |            |           |            | J               |
|   |            | -       | -        |         |                |               |            |           |            |                 |
| 11. REQ:  | 317        | ,975 L  | OCA by   | <br>Г:  |                | NONE          | S          | UBSTD:    | 31         | 7,975 L/d       |
|   |            |         |          |         | 2 + m <u>0</u> | nt Facilit    |            |           |            | ,,,,,, <u> </u> |
| Afghanistan.  |            |         |          | LILE    | acilie         | iic raciiit   | Jy at      | Ialiii N  | owc,       |                 |
| _   |            |         |          |         |                |               | - 1        |           |            |                 |
| REQUIREMENT:  |            |         |          |         |                | replace t     |            |           |            | Ľ               |
| colection syst  |            | _       | _        |         |                |               |            |           |            |                 |
| environmental cleanup costs are significantly higher than providing the proposed wastewater treatment system. This system must be able to process |            |         |          |         |                |               |            |           |            |                 |
|   |            |         | -        | -       |                | -             | must       | be able   | to proc    | ess             |
| 84,000 Gal dai  | -          |         |          |         | -              |               |            |           |            |                 |
| CURRENT SITUAT  | CION:      | Curre   | ently,   | blac    | kwat           | er is coll    | lecte      | d at the  | source     |                 |
| (latrines, liv  |            |         |          |         |                |               |            |           |            |                 |
| (SSTs) and tru  | icked      | to a co | ommon l  | oase o  | disc           | harge poir    | nt. F      | rom ther  | e, addit   | ional           |
| sanitary sewag  |            |         |          |         |                |               |            |           |            |                 |
| it off-base. A  |            |         |          |         |                |               |            | _         |            | -               |
| the sewage pla  |            | _       | _        | -       |                |               |            |           |            |                 |
| capacity, with  |            |         |          |         |                | _             |            |           |            |                 |

| I.COMPONENT       | FV 2011       | MTT.TTARV | CONSTRUCTION | DRO.TEC | מידעת יי   | 2.DATE      |
|-------------------|---------------|-----------|--------------|---------|------------|-------------|
| ARMY              | 11 2011       | HILLIAKI  | CONDINGCTION | TROOLC  | 1 DATA     | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION    |           |              |         |            | •           |
|                   |               |           |              |         |            |             |
| Tarin Kowt, Af    | ighanistan    |           |              |         |            |             |
| 4.PROJECT TITLE   |               |           |              | 5       | .PROJECT 1 | NUMBER      |
|                   |               |           |              |         |            |             |
| Wastewater Tre    | eatment Facil | .ity      |              |         |            | 75214       |

IMPACT IF NOT PROVIDED: Without a self-sufficient wastewater treatment facility at Tarin Kowt, contracted sewage trucks will continue to collect and dispose of the raw sewage. We will continue paying the high contract costs, while in addition, providing personnel resources to monitor and oversee contractor trucks on the installation.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | SEP 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 5.00     |
| (C) | Date 35% Designed                                | JUN 2010 |
| (d) | Date Design Complete                             | FEB 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|-----|--|----------|
|     | (a) Production of Plans and Specifications           | 107      |
|     | (b) All Other Design Costs                           | 54       |
|     | (c) Total Design Cost                                | 161      |
|     | (d) Contract   | 107      |
|     | (e) In-house   | 54       |
| (4) | Construction Contract Award                          | APR 2011 |
| (5) | Construction Start                                   | JUN 2011 |
| (6) | Construction Completion                              | MAR 2012 |

| 1.COMPONENT       | FY 20                       | )11 MILITARY | CONSTRUCTION | PROJE | CT DATA   | 2.DATE      |  |  |  |  |
|-------------------|-----------------------------|--------------|--------------|-------|-----------|-------------|--|--|--|--|
| ARMY              | 20                          | ,            |              |       |           | 23 JAN 2010 |  |  |  |  |
| 3.INSTALLATION AN | 3.INSTALLATION AND LOCATION |              |              |       |           |             |  |  |  |  |
|                   |                             |              |              |       |           |             |  |  |  |  |
| Tarin Kowt, At    | Eghanistar                  | ı            |              |       |           |             |  |  |  |  |
| 4.PROJECT TITLE   |                             |              |              |       | 5.PROJECT | NUMBER      |  |  |  |  |
|                   |                             |              |              |       |           |             |  |  |  |  |
| Wastewater Tre    | 75214                       |              |              |       |           |             |  |  |  |  |
|                   |                             |              |              |       |           |             |  |  |  |  |

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT             |           |                 |        |        |             |       |           | 2.DATE     |              |  |  |
|-------------------------|-----------|-----------------|--------|--------|-------------|-------|-----------|------------|--------------|--|--|
|                         | FY 2      | 011 MIL:        | ITARY  | CONST  | TRUCTION 1  | PROJ: | ECT DATA  |            |              |  |  |
| ARMY                    |           |                 |        |        | 1           |       |           | 23         | JAN 2010     |  |  |
| 3.INSTALLATION AN       | D LOCAT   | ION             |        |        | 4.PROJECT   | TITLE |           |            |              |  |  |
| Tombstone/Bast          | cion      |                 |        |        |             |       |           |            |              |  |  |
| Afghanistan             |           |                 |        |        | Dining 1    | Faci  | lity      |            |              |  |  |
| 5.PROGRAM ELEMENT       | 1         | 6.CATEGORY CODE | 3      | 7.PRO  | JECT NUMBER |       | 8.PROJECT | COST (\$00 | COST (\$000) |  |  |
|                         |           |                 |        |        |             |       | Auth      | 12,        | 800          |  |  |
| 01010A                  | 1010A 722 |                 |        |        | 75204       |       | Approp    | 12,        | 800          |  |  |
|                         |           |                 | 9.C    | OST ES | TIMATES     |       |           |            |              |  |  |
|                         | ITEM      |                 | UM (I  | M/E)   | QUAN        | YTITV |           | UNITCOST   | COST (\$000) |  |  |
| PRIMARY FACILI          | ITY       |                 |        |        |             |       |           |            | 6,624        |  |  |
| Dining Facilit          | cy (40    | 00 MN)          | m2 (S  | SF)    | 2,352       | (     | 25,317)   | 1,628      | (3,830)      |  |  |
| Dining Facilit          | cy (20    | 00 MN)          | m2 (S  | SF)    |             |       | 12,658)   |            | (1,915)      |  |  |
| Standby Genera          | ators     |                 | kWe(1  | KW)    | 2,000       | (     | 2,000)    | 369.43     | (739)        |  |  |
| Building Infor          | cmatio    | n Systems       | LS     |        |             |       |           |            | (140)        |  |  |
|                         |           |                 |        |        |             |       |           |            | ı            |  |  |
|                         |           |                 |        |        |             |       |           |            | l            |  |  |
| SUPPORTING FAC          | CILITI    | ES              |        |        |             |       |           |            | 4,689        |  |  |
| Electric Servi          | ice       |                 | LS     |        |             |       |           |            | (1,489)      |  |  |
| Water, Sewer,           | Gas       |                 | LS     |        |             |       |           |            | (1,460)      |  |  |
| Paving, Walks,          | , Curb    | s & Gutters     | LS     |        |             |       |           |            | (807)        |  |  |
| Storm Drainage          | 3         |                 | LS     |        |             |       |           |            | (121)        |  |  |
| Site Imp( 51            | 10) De    | mo( )           | LS     |        |             |       |           |            | (510)        |  |  |
| Information Sy          | stems     |                 | LS     |        |             |       |           |            | (111)        |  |  |
| Antiterrorism           | Measu     | res             | LS     |        |             |       |           |            | (191)        |  |  |
|                         |           |                 |        |        |             |       |           |            | İ            |  |  |
|                         |           |                 |        |        |             |       |           |            |              |  |  |
| ESTIMATED CONT          | FRACT     | COST            |        |        |             |       |           |            | 11,313       |  |  |
| CONTINGENCY             | (5.00%    | )               |        |        |             |       |           |            | 566          |  |  |
| SUBTOTAL                |           |                 |        |        |             |       |           |            | 11,879       |  |  |
| SUPV, INSP & C          | OVERHE.   | AD (7.70%)      |        |        |             |       |           |            | 915          |  |  |
| TOTAL REQUEST           |           |                 |        |        |             |       |           |            | 12,794       |  |  |
| TOTAL REQUEST (ROUNDED) |           |                 |        |        |             |       |           |            | 12,800       |  |  |
| INSTALLED EQT-          |           |                 |        |        |             |       |           |            | ()           |  |  |
| 10.Description of Prop  |           |                 | struct | Din    | ing Facil:  | itie  | s. Multi  | ple faci   |              |  |  |

10.Description of Proposed Construction Construct Dining Facilities. Multiple facilities will be constructed under this project. Primary facilities include kitchen, seating areas, storage areas, electrical distribution, water storage tanks, water and sewage distribution systems, and mechanical systems. Total feeding capacity for this project is 6000 persons per meal. Supporting facilities include roads, curbs, walkways, drainage, and parking. Kitchen equipment will be designed, procured, and installed as part of the project. Furniture will be purchased with other funding. Anti-Terrorism measures will be included.

11. REQ:10,000 PN ADQT:4,000 PN SUBSTD:6,000 PNPROJECT:Construct Dining Facility (DFAC) at Tombstone/Bastion, Afghanistan.(Current Mission)

<u>REQUIREMENT:</u> The population on Tombstone/Bastion will increase through the end of FY 2010. This installation does not have adequate dining facilities to support this increse in population.

<u>CURRENT SITUATION:</u> Currently, US Forces are utilizing Harvest Falcon and Force Provider assets to support dining facility requirements at Tombstone/Bastion. As the population continues to grow, these assets will become strained and will not be sufficient to handle the added capacity. There is an FY10 OCOR Dining Facility, PN 73206, which supports 1/3rd of the

| 1. COM ONLINI                  |           |      |          |              |         |           | Z.DIIIL |         |  |  |
|--------------------------------|-----------|------|----------|--------------|---------|-----------|---------|---------|--|--|
|                                | FY        | 2011 | MILITARY | CONSTRUCTION | PROJECT | DATA      |         |         |  |  |
| ARMY                           |           |      |          |              |         |           | 23 J    | AN 2010 |  |  |
| 3.INSTALLATION AN              | D LOCATIO | ON   |          |              |         |           | •       |         |  |  |
|                                |           |      |          |              |         |           |         |         |  |  |
| Tombstone/Bastion, Afghanistan |           |      |          |              |         |           |         |         |  |  |
| 4.PROJECT TITLE                |           |      |          |              | 5.E     | PROJECT N | IUMBER  |         |  |  |
|                                |           |      |          |              |         |           |         |         |  |  |
| Dining Facilit                 | СУ        |      |          |              |         |           | 75      | 204     |  |  |
|                                |           |      |          |              |         |           |         |         |  |  |

#### CURRENT SITUATION: (CONTINUED)

1 COMPONENT

projected end state population. This project is needed to support the remaining personnel.

IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate dining facility to provide meals to 6,000 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Tombstone/Bastion are subjected to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | OCT 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | APR 2010 |
| (d) | Date Design Complete                             | OCT 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Total Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|-----|--|----------|
|     | (a) Production of Plans and Specifications           | 476      |
|     | (b) All Other Design Costs                           | 238      |
|     | (c) Total Design Cost                                | 714      |
|     | (d) Contract   | 476      |
|     | (e) In-house   | 238      |
| (4) | Construction Contract Award                          | JAN 2011 |
| (5) | Construction Start                                   | MAR 2011 |

(6) Construction Completion..... MAR 2012

2 DATE

| 1.COMPONENT       | ΕV        | 2011  | MTT.TTARV | CONSTRUCTION | DRO.TEC | מיימת ייי  | 2.DATE |      |
|-------------------|-----------|-------|-----------|--------------|---------|------------|--------|------|
| ARMY              | rı        | 2011  | MIDITAKI  | CONSTRUCTION | FROOLC  | I DAIA     | 23 JAN | 2010 |
| 3.INSTALLATION AN | D LOCATIO | N     |           |              |         |            |        |      |
|                   |           |       |           |              |         |            |        |      |
| Tombstone/Bast    | cion, Af  | ghani | stan      |              |         |            |        |      |
| 4.PROJECT TITLE   |           |       |           |              | 5       | .PROJECT N | IUMBER |      |
|                   |           |       |           |              |         |            |        |      |
| Dining Facilit    | СУ        |       |           |              |         |            | 75204  |      |
|                   |           |       |           |              |         |            |        |      |

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT            |         |              |         |      |               |       |           | 2.DATE     |              |
|------------------------|---------|--------------|---------|------|---------------|-------|-----------|------------|--------------|
| 1. COM ONLINI          | FY 2    | 011 M        | ILITARY | CON  | STRUCTION     | PROJI | ECT DATA  |            |              |
| ARMY                   |         |              |         |      |               |       |           | 23         | JAN 2010     |
| 3.INSTALLATION AN      | D LOCAT | ION          |         |      | 4.PROJECT     | TITLE | 1         | *          |              |
| Tombstone/Bastion      |         |              |         |      |               |       |           |            |              |
| Afghanistan            |         |              |         |      | Wastewa       | ter 5 | Treatmen  | t Facili   | ty           |
| 5.PROGRAM ELEMENT      |         | 6.CATEGORY C | CODE    | 7.P  | ROJECT NUMBER |       | 8.PROJECT | COST (\$00 | 0)           |
|                        |         |              |         |      |               |       | Auth      | 13,        | 000          |
| 01010A                 |         | 831          |         |      | 75206         |       | Approp    | 13,        | 000          |
|                        |         |              | 9.0     | COST | ESTIMATES     |       |           |            |              |
|                        | ITEM    |              | UM (    | M/E) | QUA           | NTITY |           | UNITCOST   | COST (\$000) |
| PRIMARY FACILI         |         |              |         |      |               |       | 10,678    |            |              |
| Wastewater Tre         | eatmen  | t Facility   | L/d(    | KG)  | 1,454         | (     | 384)      | 7,199      | (10,464)     |
| Antiterrorism          | Measu   | res          | LS      |      |               |       |           |            | (202)        |
| Building Infor         | rmatio  | n Systems    | LS      |      |               |       |           |            | (12)         |
|                        |         |              |         |      |               |       |           |            |              |
|                        |         |              |         |      |               |       |           |            | İ            |
|                        |         |              |         |      |               |       |           |            |              |
| SUPPORTING FAC         | CILITI  | ES           |         |      |               |       |           |            | 734          |
| Electric Servi         | ce      |              | LS      |      |               |       |           |            | (49)         |
| Water, Sewer,          | Gas     |              | LS      |      |               |       |           |            | (46)         |
| Site Imp( 36           | 3) De   | mo()         | LS      |      |               |       |           |            | (363)        |
| Information Sy         | stems   |              | LS      |      |               |       |           |            | (276)        |
|                        |         |              |         |      |               |       |           |            |              |
|                        |         |              |         |      |               |       |           |            |              |
|                        |         |              |         |      |               |       |           |            |              |
|                        |         |              |         |      |               |       |           |            | İ            |
|                        |         |              |         |      |               |       |           |            |              |
| ESTIMATED CONT         | TRACT   | COST         |         |      |               |       |           |            | 11,412       |
| CONTINGENCY            | (5.00%  | )            |         |      |               |       |           |            | 571          |
| SUBTOTAL               |         |              |         |      |               |       |           |            | 11,983       |
| SUPV, INSP & C         | VERHE.  | AD (7.70%    | • )     |      |               |       |           |            | 923          |
| TOTAL REQUEST          |         |              |         |      |               |       |           |            | 12,906       |
| TOTAL REQUEST          |         |              |         |      |               |       |           |            | 13,000       |
| INSTALLED EQT-         |         |              |         |      |               |       |           |            | ()           |
| 10.Description of Prop |         |              |         |      | Wastewater    |       |           | -          |              |
| facility will          |         |              | _       |      |               | _     | -         | _          |              |
| Aeration Chamb         | per, C  | larifier C   | hamber  | and  | Chlorine C    | onta  | ct Chamb  | er. Supp   | orting       |
| facilities inc         | clude   | site prepa   | ration, | ele  | ctrical di    | stri  | oution,   | and emer   | gency        |
| generator.             |         |              |         |      |               |       |           |            |              |
|                        |         |              |         |      |               |       |           |            |              |
| <u>11. REQ:</u>        |         | ,840 L/d A   |         |      | NONE          |       | JBSTD:    |            | 2,840 L/d    |
|                        |         |              |         | atme | nt Facilit    | y at  | Tombsto   | ne/Basti   | on,          |
| Afghanistan.           |         |              |         |      |               |       |           |            |              |
| REQUIREMENT:           |         |              |         |      | replace t     |       |           |            | r            |
| collection sys         |         |              | _       |      |               |       |           |            |              |
| environmental          |         |              |         |      |               |       |           |            | _            |
| wastewater tre         |         |              |         |      |               |       |           |            | (384,000     |
| gallons) of wa         |         | _            | -       |      |               | _     | -         |            |              |
| CURRENT SITUAT         |         |              |         |      | re planned    |       |           |            |              |
| Tombstone/Bast         |         |              |         |      |               |       |           |            |              |
| expeditionary          |         |              |         |      | _             | _     | -         |            |              |
| existing popul         |         |              |         |      |               |       |           |            |              |
| current popula         |         |              |         |      |               |       |           |            |              |
| 12,500 pax. Th         | ne cur  | rent syste   | m will  | fail | with the      | incr  | ease in : | populati   | on. The      |
|                        |         |              |         |      |               |       |           |            |              |

| 1.COMPONENT                   |             |             |              |         |           | 2.DATE   |      |  |  |
|-------------------------------|-------------|-------------|--------------|---------|-----------|----------|------|--|--|
|                               | FY 201      | 11 MILITARY | CONSTRUCTION | PROJECT | DATA      |          |      |  |  |
| ARMY                          |             |             |              |         |           | 23 JAN 2 | 2010 |  |  |
| 3.INSTALLATION AN             | D LOCATION  |             |              |         |           |          |      |  |  |
|                               |             |             |              |         |           |          |      |  |  |
| Tombstone/Bast                | tion, Afgha | anistan     |              |         |           |          |      |  |  |
| 4.PROJECT TITLE               |             |             |              | 5.      | PROJECT N | UMBER    |      |  |  |
|                               |             |             |              |         |           |          |      |  |  |
| Wastewater Treatment Facility |             |             |              |         |           | 75206    |      |  |  |
|                               |             | •           | •            | •       |           |          | •    |  |  |

### CURRENT SITUATION: (CONTINUED)

existing leach fields will start ponding and cause raw waste to run off the

IMPACT IF NOT PROVIDED: As a result of increased volume through put, ponding and run off will occur, creating a breeding ground for vector-borne diseases such as malaria. Effects of this untreated waste run off not only adversely affects our service members, but also cause health risks to the locals downstream from the base. This will reduce the commands credibility and may cause friction between the US forces and the local population. All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | JAN | 2010 |
|-----|--|-----|------|
| (b) | Percent Complete As Of January 2010              |     | .00  |
| (c) | Date 35% Designed                                | JUN | 2010 |
| (d) | Date Design Complete                             | FEB | 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs |     | NO   |
| \   |  |     |      |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:

| ,   | (a) Standard or Definitive Design: NO   |          |
|-----|---|----------|
| (3) | Total Design Cost (c) = (a)+(b) OR (d)+(e):  (a) Production of Plans and Specifications |          |
|     | (b) All Other Design Costs  |          |
|     | (c) Total Design Cost   |          |
|     | (d) Contract  | 268      |
|     | (e) In-house  | 134      |
| (4) | Construction Contract Award   | APR 2011 |
| (5) | Construction Start  | JUL 2011 |
| (6) | Construction Completion   | SEP 2012 |

| I.COMPONENT       | EV 1       | 2011   | MTTTTNDV | CONSTRUCTION |         | א ייי א רו | 2.DATE |       |      |
|-------------------|------------|--------|----------|--------------|---------|------------|--------|-------|------|
| ARMY              | FI 2       | 2011   | MILLIARI | CONSTRUCTION | PROJECT | DATA       | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATION | 1      |          |              |         |            | •      |       |      |
|                   |            |        |          |              |         |            |        |       |      |
| Tombstone/Bast    | cion, Afg  | ghanis | tan      |              |         |            |        |       |      |
| 4.PROJECT TITLE   |            |        |          |              | 5.      | PROJECT N  | IUMBER |       |      |
|                   |            |        |          |              |         |            |        |       |      |
| Wastewater Tre    | eatment 1  | Facili | ty       |              |         |            | 7      | 75206 |      |
|                   |            |        |          |              |         |            |        |       |      |

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT            |         |                |       |        |               |              |           | 2.DATE     |              |  |  |
|------------------------|---------|----------------|-------|--------|---------------|--------------|-----------|------------|--------------|--|--|
|                        | FY 2    | 011 MIL        | ITARY | CON    | STRUCTION     | PROJ         | ECT DATA  |            |              |  |  |
| ARMY                   |         |                |       |        |               |              |           | 23         | JAN 2010     |  |  |
| 3.INSTALLATION AN      | D LOCAT | TION           |       |        | 4.PROJECT     | TITLE        | 1         | •          |              |  |  |
| Tombstone/Bast         | cion    |                |       |        |               |              |           |            |              |  |  |
| Afghanistan            |         |                |       |        | Conting       | gency        | Housing   |            |              |  |  |
| 5.PROGRAM ELEMENT      |         | 6.CATEGORY COD | E     | 7.PF   | ROJECT NUMBER | 2            | 8.PROJECT | COST (\$00 | 0)           |  |  |
|                        |         |                |       |        |               |              | Auth      | 41,        | 000          |  |  |
| 01010A                 |         | 721            |       |        | 75207         | 75207 Approp |           |            | 41,000       |  |  |
|                        |         |                | 9.    | COST 1 | ESTIMATES     |              |           |            |              |  |  |
|                        | ITEM    |                | UM    | (M/E)  | QUA           | NTITY        |           | UNITCOST   | COST (\$000) |  |  |
| PRIMARY FACIL          | ITY     |                |       |        |               |              |           |            | 34,333       |  |  |
| Contingency Ho         | ousing  |                | m2    | (SF)   | 33,600        | ) (          | 361,667)  | 1,021      | (34,308      |  |  |
| Building Info          | rmatio  | n Systems      | LS    |        |               |              |           |            | (25          |  |  |
|                        |         |                |       |        |               |              |           |            |              |  |  |
|                        |         |                |       |        |               |              |           |            |              |  |  |
|                        |         |                |       |        |               |              |           |            |              |  |  |
|                        |         |                |       |        |               |              |           |            |              |  |  |
| SUPPORTING FAC         | CILITI  | ES             |       |        |               |              |           |            | 2,321        |  |  |
| Electric Serv          | ice     |                | LS    |        |               |              |           |            | (536         |  |  |
| Water, Sewer,          | Gas     |                | LS    |        |               |              |           |            | (864         |  |  |
| Paving, Walks          | , Curb  | s & Gutters    | LS    |        |               |              |           |            | (90          |  |  |
| Storm Drainage         | 9       |                | LS    |        |               |              |           |            | (126         |  |  |
| Site Imp( 55           | 56) De  | mo()           | LS    |        |               |              |           |            | (556         |  |  |
| Information Sy         | ystems  |                | LS    |        |               |              |           |            | (18          |  |  |
| Antiterrorism          | Measu   | res            | LS    |        |               |              |           |            | (131         |  |  |
|                        |         |                |       |        |               |              |           |            |              |  |  |
| ESTIMATED CONT         | TRACT   | COST           |       |        |               |              |           |            | 36,654       |  |  |
|                        | (5.00%  |                |       |        |               |              |           |            | 1,833        |  |  |
| SUBTOTAL               | (       | ,              |       |        |               |              |           |            | 38,487       |  |  |
| SUPV, INSP & 0         | OVERHE  | AD (7.70%)     |       |        |               |              |           |            | 2,963        |  |  |
| TOTAL REQUEST          |         | , , , , , ,    |       |        |               |              |           |            | 41,450       |  |  |
| TOTAL REQUEST          | (ROUN   | DED)           |       |        |               |              |           |            | 41,000       |  |  |
| INSTALLED EQT          |         |                |       |        |               |              |           |            | (            |  |  |
| 10.Description of Prop |         |                | struc | ct Co  | ntingency     | Hous         | ing to r  | eplace     |              |  |  |
| expeditionary          | housi   |                |       |        |               |              | _         | _          | imary        |  |  |
| facilities pro         |         | _              |       |        | -             |              | -         |            | -            |  |  |
| include site           |         |                |       |        |               |              |           |            |              |  |  |
| Antiterrorism          | -       |                |       |        |               |              | 1 3       |            |              |  |  |
|                        |         |                |       |        |               |              |           |            |              |  |  |
| 11. REQ:               | 33      | ,600 m2 ADQ    | T:    |        | NONE          | SI           | UBSTD:    | 3          | 3,600 m2     |  |  |
| PROJECT: Cons          | struct  | Contingency    | Hous  | sing   | at Tombsto    | ne/Ba        | astion,   | Afghanis   | tan.         |  |  |
| (Current Miss:         |         |                |       |        |               |              |           | J          |              |  |  |
| REQUIREMENT:           | US f    | orces requir   | e add | ditio  | nal housin    | ng fa        | cilities  | at         |              |  |  |
| Tombstone/Bast         |         | <del>-</del>   |       |        |               | _            |           |            | )            |  |  |
| Afghanistan. I         |         | -              |       |        | _             |              |           |            |              |  |  |
| population unt         |         |                |       |        |               |              |           |            |              |  |  |
| semi-permanent         |         |                |       |        |               |              |           |            |              |  |  |
| is the most co         |         |                |       |        |               |              |           | 5.         |              |  |  |
| CURRENT SITUAT         |         | Personnel      |       |        | Tombstone/    | Bast:        | ion are   | housed i   | n            |  |  |
| expeditionary          |         |                |       |        |               |              |           |            |              |  |  |
| structures pos         |         | _              |       |        |               |              |           |            |              |  |  |
| regulate the           |         | _              |       |        |               |              |           |            |              |  |  |
| atack                  |         | comporaca      |       |        |               |              |           |            |              |  |  |

| 1.COMPONENT       | FV        | 2011  | MTT.TTARV   | CONSTRUCTION | PROJEC | מיים יי    | 2.DATE |         |
|-------------------|-----------|-------|-------------|--------------|--------|------------|--------|---------|
| ARMY              |           | 2011  | TILLI III(I | CONSTRUCTION | TROOL  | 1 D11111   | 23 JA  | AN 2010 |
| 3.INSTALLATION AN | D LOCATIO | N     |             |              |        |            | •      |         |
|                   |           |       |             |              |        |            |        |         |
| Tombstone/Bast    | ion, Af   | ghani | stan        |              | -      |            |        |         |
| 4.PROJECT TITLE   |           |       |             |              | 5      | .PROJECT 1 | NUMBER |         |
|                   |           |       |             |              |        |            |        |         |
| Contingency Ho    | ousing    |       |             |              |        |            | 752    | 207     |

IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not be housed in a safe, healthy environment protected from harsh weather conditions. US Forces will continue to be housed in expeditionary facilities, exposed to harsh weather conditions and vulnerable to enemy fire.

<u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

### 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | OCT 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | MAY 2010 |
| (d) | Date Design Complete                             | NOV 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
|     |  |          |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3)   | Tota | al Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000) |
|-------|------|---|---------|
|       | (a)  | Production of Plans and Specifications            | 1,536   |
|       | (b)  | All Other Design Costs                            | 768     |
|       | (C)  | Total Design Cost                                 | 2,304   |
|       | (d)  | Contract  | 1,536   |
|       | (e)  | In-house  | 768     |
|       |      |   |         |
| ( . ) | ~    |   |         |

- (4) Construction Contract Award..... FEB 2011

| 1.COMPONENT       | FY        | 2011   | MILITARY | CONSTRUCTION | PROJE | CT DATA   | 2.DATE |          |   |
|-------------------|-----------|--------|----------|--------------|-------|-----------|--------|----------|---|
| ARMY              |           |        |          |              |       |           | 23     | JAN 2010 | 0 |
| 3.INSTALLATION AN | D LOCATIO | N      |          |              |       |           | •      |          |   |
|                   |           |        |          |              |       |           |        |          |   |
| Tombstone/Bast    | cion, Af  | Eghani | stan     |              |       |           |        |          |   |
| 4.PROJECT TITLE   |           |        |          |              |       | 5.PROJECT | NUMBER |          |   |
|                   |           |        |          |              |       |           |        |          |   |
| Contingency Ho    | ousing    |        |          |              |       |           | -      | 75207    |   |
|                   |           |        |          |              |       |           |        |          |   |

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT            |         |                 |       |       |                      |           | 2.DATE     |              |
|------------------------|---------|-----------------|-------|-------|----------------------|-----------|------------|--------------|
|                        | FY 2    | 011 MIL         | ITAR  | Y CON | STRUCTION PROJ       | ECT DATA  |            |              |
| ARMY                   |         |                 |       |       |                      |           | 23         | JAN 2010     |
| 3.INSTALLATION AN      | D LOCAT | ION             |       |       | 4.PROJECT TITLE      | 3         | •          |              |
| Tombstone/Bast         | cion    |                 |       |       |                      |           |            |              |
| Afghanistan            |         |                 |       |       | Rotary Wing          | Parking   |            |              |
| 5.PROGRAM ELEMENT      | ı       | 6.CATEGORY CODE | 3     | 7.PI  | ROJECT NUMBER        |           | COST (\$00 | 0)           |
|                        |         |                 |       |       |                      | Auth      | 35,        | 000          |
| 01010A                 |         | 113             |       |       | 75462                | Approp    | 35,        |              |
|                        |         |                 | 9     | .COST | ESTIMATES            |           |            |              |
|                        | ITEM    |                 | TTM   | (M/E) | QUANTITY             |           | UNITCOST   | COST (\$000) |
| PRIMARY FACILI         |         |                 | OIM   | (M/E) | QUANTITY             |           | UNIICOSI   | 27,310       |
| Rotary Wing Pa         |         |                 | m2    | (SF)  | 85,000 (             | 914 932)  | 230.74     |              |
| Lighting, Mark         | _       |                 | LS    | (DI)  |                      | J14, JJ2/ |            | (2,568)      |
| Rotary Wing Ta         | _       |                 |       | (SF)  | 20,000 (             | 215,278)  |            |              |
| Antiterrorism          | _       |                 | LS    | (SF)  | 20,000 (             | 213,276)  | 230.74     | (514)        |
| Ancicerrorism          | Measu   | res             | гэ    |       |                      |           |            | (514)        |
|                        |         |                 |       |       |                      |           |            |              |
| GIIDDODETTIC TI        | 7TT T   | TI C            |       |       |                      |           |            | 2 222        |
| SUPPORTING FAC         |         | <u> </u>        | т ~   |       |                      |           |            | 3,903        |
| Electric Servi         |         |                 | LS    |       |                      |           |            | (1,027)      |
| Water, Sewer,          |         |                 | LS    |       |                      |           |            | (411)        |
| Paving, Walks,         |         | s & Gutters     | LS    |       |                      |           |            | (308)        |
| Storm Drainage         |         |                 | LS    |       |                      |           |            | (1,027)      |
| Site Imp( 1,02         |         |                 | LS    |       |                      |           |            | (1,027)      |
| Antiterrorism          | Measu   | res             | LS    |       |                      |           |            | (103)        |
|                        |         |                 |       |       |                      |           |            |              |
|                        |         |                 |       |       |                      |           |            |              |
|                        |         |                 |       |       |                      |           |            |              |
| ESTIMATED CONT         | TRACT   | COST            |       |       |                      |           |            | 31,213       |
| CONTINGENCY            | (5.00%  | )               |       |       |                      |           |            | 1,561        |
| SUBTOTAL               |         |                 |       |       |                      |           |            | 32,774       |
| SUPV, INSP & C         | OVERHE. | AD (7.70%)      |       |       |                      |           |            | 2,524        |
| TOTAL REQUEST          |         | ,               |       |       |                      |           |            | 35,298       |
| TOTAL REQUEST          | (ROUN   | DED)            |       |       |                      |           |            | 35,000       |
| INSTALLED EQT-         |         |                 |       |       |                      |           |            | (0)          |
| 10.Description of Prop |         |                 | at ru | ct an | l<br>viation parking | anron     | taviwaw    | (0)          |
|                        |         |                 |       |       | ng points. Airc      | _         | _          | 1            |
|                        | _       |                 | _     |       | helicopter. Su       | _         | _          |              |
| _                      |         |                 |       |       | -                    |           |            | Tes          |
|                        |         |                 |       |       | on systems, roa      |           |            |              |
| improvements.          | AIILIT  | errorrsm/For    | ce P  | TOLEC | ction measures       | мттт ре   | тистиаеа   |              |
| 11 DEO                 | 100     | 000 2 750       | m .   |       | NONE C               | TID CMD   | 1.0        | E 000        |
| 11. REQ:               |         | ,000 m2 ADQ     |       | , ,   |                      | UBSTD:    |            | 5,000 m2     |
|                        |         |                 |       |       | ng Apron with t      | axıways   | and ligh   | ting at      |
| Tombstone/Bast         |         | -               |       |       |                      |           |            |              |
| REQUIREMENT:           |         |                 |       |       | rt additional r      | _         |            | _            |
| _                      |         |                 |       |       | facilities are       | _         | _          |              |
| _                      |         |                 |       |       | rcraft beyond        |           |            |              |
|                        |         |                 |       |       | 3207. This need      |           | -          |              |
|                        |         |                 |       |       | olution. AM-2 m      |           | oes not    | allow        |
| for proper tie         | e-down  | s, grounding    | , an  | d ref | fueling of airc      | raft.     |            |              |
| CURRENT SITUAT         | TION:   | Currently,      | Tom   | bston | ne/Bastion is u      | sing AM-  | 2 mattin   | g to         |
| support aircra         | aft pa  | rking and op    | erat  | ions  | functions. It        | does not  | have en    | ough         |
|                        | _       |                 |       |       | tary wing airc       |           |            | _            |
|                        |         |                 |       |       | ntenance of air      |           |            |              |
|                        |         |                 |       |       | ne debris which      |           |            |              |
|                        |         | 5               |       |       |                      |           |            | -            |

DD  $_{1\ DEC\ 76}^{FORM}$  1391

| 1.COMPONENT       |            |         |          |              |         |           | Z.DAIE |       |      |
|-------------------|------------|---------|----------|--------------|---------|-----------|--------|-------|------|
|                   | FY         | 2011    | MILITARY | CONSTRUCTION | PROJECT | DATA      |        |       |      |
| ARMY              |            |         |          |              |         |           | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATION | ON      |          |              |         |           |        |       |      |
|                   |            |         |          |              |         |           |        |       |      |
| Tombstone/Bast    | cion, A    | fghanis | stan     |              |         |           |        |       |      |
| 4.PROJECT TITLE   |            |         |          |              | 5.      | PROJECT N | NUMBER |       |      |
|                   |            |         |          |              |         |           |        |       |      |
| Rotary Wing Pa    | arking     |         |          |              |         |           | •      | 75462 | 2    |
|                   |            |         |          |              |         |           |        |       |      |

CURRENT SITUATION: (CONTINUED)

identified in AM-2 matting.

IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have adequate parking for rotary-wing aircraft parking and operations. Continued parking on AM-2 matting may cause aircraft damage due to Foreign Object Debris (FOD) US Army aviation capabilities will be significantly degraded resulting in decreased operating capacity and combat effectiveness. ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | JUN 2010 |
| (d) | Date Design Complete                             | DEC 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | l Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications           | 1,311   |
|     | (b)  | All Other Design Costs                           | 655     |
|     | (c)  | Total Design Cost                                | 1,966   |
|     | (d)  | Contract   | 1,311   |
|     | (e)  | In-house   | 655     |
|     |      |  |         |

- (4) Construction Contract Award..... FEB 2011
- (6) Construction Completion...... DEC 2012

| I.COMPONENT       | ΕV        | 2011   | MTT.TTNDV | CONSTRUCTION | DDO.TECT | איייארו י | 2.DATE |       |      |
|-------------------|-----------|--------|-----------|--------------|----------|-----------|--------|-------|------|
| ARMY              | FI        | 2011   | MIDITARI  | CONSTRUCTION | FROOLCI  | DAIA      | 23     | JAN   | 2010 |
| 3.INSTALLATION AN | D LOCATIO | N      |           |              |          |           | •      |       |      |
|                   |           |        |           |              |          |           |        |       |      |
| Tombstone/Bast    | ion, Af   | ghanis | stan      |              |          |           |        |       |      |
| 4.PROJECT TITLE   |           |        |           |              | 5.       | PROJECT N | IUMBER |       |      |
|                   |           |        |           |              |          |           |        |       |      |
| Rotary Wing Pa    | arking    |        |           |              |          |           | 7      | 75462 |      |
| •                 |           |        |           |              |          |           |        |       |      |

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year

Equipment Procuring Appropriated Cost Nomenclature Appropriation Or Requested (\$000)

NONE

Installation Engineer: LTC Martin Norvel

| T                       |            |                 |       |        |               |           |              |              |
|-------------------------|------------|-----------------|-------|--------|---------------|-----------|--------------|--------------|
| 1.COMPONENT             |            | 044 MITT        |       | CONTO  |               |           | 2.DATE       |              |
|                         | FY 2       | OII MILI        | TARY  | CONS   | TRUCTION PRO  | JECT DATA |              |              |
| ARMY                    |            | 77.017          |       |        |               |           | 23           | JAN 2010     |
| 3.INSTALLATION AN       |            | TON             |       |        | 4.PROJECT TIT | LE        |              |              |
| Various Locati          | ons        |                 |       |        |               |           |              |              |
| Afghanistan             |            |                 |       | 1      | Route Gyps    |           |              |              |
| 5.PROGRAM ELEMENT       |            | 6.CATEGORY CODE |       | 7.PRO  | JECT NUMBER   |           | r COST (\$00 |              |
|                         |            |                 |       |        |               | Auth      | 40,          |              |
| 01010A                  |            | 851             |       |        | 77121         | Approp    | 40,          | 000          |
|                         |            |                 | 9.C   | OST ES | TIMATES       |           |              |              |
|                         | ITEM       |                 | UM (N | 1/E)   | QUANTIT       | Ϋ́        | UNITCOST     | COST (\$000) |
| PRIMARY FACILI          | TY         |                 |       |        |               |           |              | 29,592       |
| Roads                   |            |                 | km (N | /II)   | 40 (          | 24.86)    | 710,675      | (28,427)     |
| Culverts                |            |                 | LS    |        |               |           |              | (879)        |
| Wadi                    |            |                 | LS    |        |               |           |              | (286)        |
|                         |            |                 |       |        |               |           |              |              |
|                         |            |                 |       |        |               |           |              |              |
|                         |            |                 |       |        |               |           |              |              |
| SUPPORTING FAC          | CILITI     | ES              |       |        |               |           |              | 4,677        |
| Site Imp( 4,67          | 7) De      | mo ( )          | LS    |        |               |           |              | (4,677)      |
| _                       |            |                 |       |        |               |           |              |              |
|                         |            |                 |       |        |               |           |              |              |
|                         |            |                 |       |        |               |           |              |              |
|                         |            |                 |       |        |               |           |              |              |
|                         |            |                 |       |        |               |           |              |              |
|                         |            |                 |       |        |               |           |              |              |
|                         |            |                 |       |        |               |           |              |              |
|                         |            |                 |       |        |               |           |              |              |
| ESTIMATED CONT          | יף אַ פידי | COST            |       |        |               |           |              | 34,269       |
|                         | 5.00%      |                 |       |        |               |           |              | 1,713        |
| SUBTOTAL                | 3.00%      | /               |       |        |               |           |              | 35,982       |
| SUPV, INSP & C          | WEDUE.     | AD (7.70%)      |       |        |               |           |              | 2,771        |
| DESIGN/BUILD -          |            |                 |       |        |               |           |              |              |
|                         | DESI       | GN COST         |       |        |               |           |              | 1,439        |
| TOTAL REQUEST           | / DOINT    | DED)            |       |        |               |           |              | 40,192       |
| TOTAL REQUEST           |            |                 |       |        |               |           |              | 40,000       |
| INSTALLED EQT-          |            |                 | Ļ     |        |               |           |              | (0)          |
| 10.Description of Propo |            |                 |       | _      | aved road ov  | _         |              | _            |
| Main Supply Ro          |            |                 |       |        |               |           |              |              |
| to FOB Dwyer t          |            |                 |       |        |               |           |              |              |
| high speed tra          |            |                 |       |        |               |           |              |              |
| starting at th          |            | _               |       |        |               |           | _            |              |
| 20 km to 41R N          |            |                 |       |        |               |           |              | point        |
| 41R PQ 03260 4          | 0468       | and head nort   | h-wes | st 20  | km to 41R N   | Q 91309 5 | 2327.        |              |
|                         |            |                 |       |        |               |           |              |              |
|                         |            |                 |       |        |               |           |              |              |

11. REQ: 40 m2 ADQT: NONE SUBSTD: 40 m2 PROJECT: Construct a road over a portion of MSR Gypsum. (Current Mission)

REQUIREMENT: This project, phase 1 of 3, is required to provide a viable, sustainable MSR between Leatherneck and Dwyer to allow Marines and the Afghanistan National Army (ANA) the ability to sustain counterinsurgency operations in the Helmand River Valley. This MSR will also enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for Improvised Explosive Device (IED) emplacement and reducing exposure time of US and Coalition forces on the road. Phase 1 will construct the ends of this road, near Ring Road and Dwyer, as these areas of the route have the most troublesome areas. Route Gypsum will be usable after completion

| 1.COMPONENT        | EV 2011      | MTT.TTAPV | CONSTRUCTION | DRO.TEC | מידמת יד   | 2.DATE |          |
|--------------------|--------------|-----------|--------------|---------|------------|--------|----------|
| ARMY               | F1 2011      | MIDITARI  | CONSTRUCTION | FROOLC  | I DAIA     | 23     | JAN 2010 |
| 3.INSTALLATION AND | D LOCATION   |           |              |         |            |        |          |
| Various Locati     | ons, Afghani | stan      |              |         |            |        |          |
| 4.PROJECT TITLE    |              |           |              | 5       | .PROJECT N | NUMBER |          |
| Route Gyngum       | Ph 1         |           |              |         |            | -      | 77121    |

### REQUIREMENT: (CONTINUED)

of phase 1, and the follow-on phases 2 and 3 will fill in the middle gap at a later time. During construction, the traffic should be able to navigate around the area currently being worked on majority of the time. In the rare cases where this is not possible, a temporary bypass will need constructed to allow continuous traffic flow.

CURRENT SITUATION: MSR Gypsum, located in Helmand Province, runs from FOB Leatherneck to FOB Dwyer. The route is a dirt road that traverses many wadis. The traffic on this route is high since it is the main route to bring supplies to Dwyer. This MSR is not only a vital supply line but also a critical maneuver avenue of approach for Coalition Forces. The entire route needs paved because it is in very poor condition, and the conditions degrade significantly during any rainfall/winter season. Fall and winter weather will render many sections of this route impassible. All fuel trucks are using Route Gypsum to move into this region, including FOB Dwyer. The other two routes into southern Helmand, Moose and Elephant, have significant issues preventing them from being used to sustain heavy supply and military movements.

IMPACT IF NOT PROVIDED: Without a viable MSR between FOB Leatherneck and FOB Dwyer, Dwyer will continue to be logistically challenged and will rely heavily on rotary and fixed wing assets for support. Vehicles will continue to degrade at unacceptably high rates in an effort to sustain forces with supplies. Operational and strategic goals within the Southern Helmand River Valley will decline without a reliable MSR.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement(PFS) will be submitted for this project prior to award.

|                                   | Requested FY2011(\$000) | FYDP |
|-----------------------------------|-------------------------|------|
| Authorization                     | \$40,000                | TBD  |
| Authorization of<br>Appropriation | \$40,000                | TBD  |
| Appropriation                     | \$40,000                | TBD  |

| 1.COMPONENT  FY 2011 MILITARY CONSTRUCTION PROJECT DATA     | 2.DATE               |
|---|----------------------|
| LI ZOTT MITHITY COMPTROCITOM INCOME DIVIL                   |                      |
| ARMY  | 23 JAN 2010          |
| 3.INSTALLATION AND LOCATION                                 | 23 01111 2020        |
|   |                      |
| Various Locations, Afghanistan                              |                      |
| 4.PROJECT TITLE 5.PROJECT NU                                | JMBER                |
|   |                      |
| Route Gypsum, Ph 1  | 77121                |
| 12. SUPPLEMENTAL DATA:                                      |                      |
| A. Estimated Design Data:                                   |                      |
| (1) Status:   |                      |
| (a) Date Design Started                                     | OCT 2010             |
| (b) Percent Complete As Of January 2010                     |                      |
| (c) Date 35% Designed                                       |                      |
| (d) Date Design Complete                                    |                      |
| (e) Parametric Cost Estimating Used to Develop Cos          | sts <u>NO</u>        |
| (f) Type of Design Contract: Design-build                   |                      |
| (2) Basis:  |                      |
| (a) Standard or Definitive Design: NO                       |                      |
| (4) Doubled of Dellister of 20025 1.0                       |                      |
| (3) Total Design Cost (c) = $(a) + (b)$ OR $(d) + (e)$ :    | (\$000)              |
| (a) Production of Plans and Specifications                  | 900                  |
| (b) All Other Design Costs                                  | 539                  |
| (c) Total Design Cost                                       |                      |
| (d) Contract  |                      |
| (e) In-house  | 539                  |
| (4) Construction Contract Award                             | FFD 2011             |
| (4) Construction Contract Award                             | ··· FED ZUII         |
| (5) Construction Start                                      | MAY 2011             |
| (-,   |                      |
| (6) Construction Completion                                 | <u>MAY 2012</u>      |
|   |                      |
|   |                      |
| B. Equipment associated with this project which will be pro | ovided from          |
| other appropriations:                                       | l Year               |
|   | rear<br>priated Cost |
|   | quested (\$000)      |
|   | 1402000              |
| NONE  |                      |
|   |                      |
|   |                      |
|   |                      |
|   |                      |
|   |                      |

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT                         |              |                     |         |       |         |          |           |                | 2.DATE     |              |
|-------------------------------------|--------------|---------------------|---------|-------|---------|----------|-----------|----------------|------------|--------------|
|                                     | FY 2         | 011                 | MILI    | [TAR  | CONS    | TRUCTIO  | N PROJ    | ECT DATA       |            |              |
| ARMY                                | D T 0 0 3 11 | T 017               |         |       |         | 1 222    |           |                | 23         | JAN 2010     |
| 3.INSTALLATION AN                   | D LOCAT      | ION                 |         |       |         | 4.PROJI  | ECT TITLE | S              |            |              |
| Wolverine                           |              |                     |         |       |         | 1        |           |                |            |              |
| Afghanistan                         | . 1          |                     |         |       | 1       |          |           | ol Point       | /          | - >          |
| 5. PROGRAM ELEMENT 6. CATEGORY CODE |              |                     |         | i     | 7.PRC   | JECT NUM | BER       |                | COST (\$00 |              |
|                                     |              |                     |         |       |         | EE103    |           | Auth<br>Approp | •          | 100          |
| 01010A                              |              | }                   | 372     | 0     | COCT EC | 75183    | <b>S</b>  |                | 5,         | 100          |
|                                     |              |                     |         |       |         |          |           |                |            |              |
| DDIMADA BAGII                       | ITEM         |                     |         | UM    | (M/E)   |          | YTITMAUÇ  |                | UNITCOST   | COST (\$000) |
| PRIMARY FACIL                       |              |                     |         |       |         |          | 1         |                | 225222     | 3,774        |
| Entrance Conti                      | COT PO:      | ınt                 |         | EA    | / T T ) | 4 0      | 1         | 12 200)        | 2253000    | (2,253)      |
| Roads                               |              |                     |         |       | (LF)    | 4,0      | 24 (      | 13,202)        |            | (1,300)      |
| Guard Towers                        |              |                     |         | EA    |         |          | 3         |                | 67,982<br> | (204)        |
| Building Info                       | rmatio       | n Syste             | ems     | LS    |         |          |           |                |            | (17)         |
|                                     |              |                     |         |       |         |          |           |                |            |              |
| SUPPORTING FAC                      | ידד.דידו     | r c                 |         |       |         |          |           |                |            | 755          |
| Electric Serv                       |              |                     |         | LS    |         |          |           |                |            | (354)        |
| Water, Sewer,                       |              |                     |         | LS    |         |          |           |                |            | (180)        |
| Site Imp( 14                        |              | mo (                | )       | LS    |         |          |           |                |            | (146)        |
| Information Sy                      |              | 110 (               | ,       | LS    |         |          |           |                |            | (75)         |
| inioimacion b                       | Decilib      |                     |         |       |         |          |           |                |            | (73)         |
|                                     |              |                     |         |       |         |          |           |                |            |              |
|                                     |              |                     |         |       |         |          |           |                |            |              |
|                                     |              |                     |         |       |         |          |           |                |            |              |
|                                     |              |                     |         |       |         |          |           |                |            |              |
| ESTIMATED CONT                      | TRACT (      | COST                |         |       |         |          |           |                |            | 4,529        |
| CONTINGENCY                         | (5.00%)      | )                   |         |       |         |          |           |                |            | 226          |
| SUBTOTAL                            |              |                     |         |       |         |          |           |                |            | 4,755        |
| SUPV, INSP & 0                      | OVERHE       | AD (7               | . 70왕)  |       |         |          |           |                |            | 366          |
| TOTAL REQUEST                       |              |                     |         |       |         |          |           |                |            | 5,121        |
| TOTAL REQUEST                       | (ROUNI       | DED)                |         |       |         |          |           |                |            | 5,100        |
| INSTALLED EQT                       | -OTHER       | APPROI              | 2       |       |         |          |           |                |            | ()           |
| 10.Description of Prop              |              |                     |         |       |         | _        |           |                | CP). Pri   | _            |
| Facilities ind                      |              |                     | _       |       |         | _        |           |                | _          |              |
| towers, fencia                      | -            |                     | _       | _     |         |          |           | -              | _          |              |
| roads. Support                      |              |                     |         |       |         |          |           |                |            |              |
| associated sit                      | e imp        | rovemer             | nts. Ar | ntite | errori  | sm/Forc  | e Prot    | ection m       | easures v  | will be      |
| included.                           |              |                     |         |       |         |          |           |                |            |              |
|                                     |              |                     |         |       |         |          |           |                |            |              |
| 11. REO:                            | 4            | $0.024  \mathrm{m}$ | ADO     | Γ:    |         | NONE     | : S       | UBSTD:         |            | 4.024 m      |

11. REQ: 4,024 m ADQT: NONE SUBSTD: 4,024 m PROJECT: Construct ECP at Wolverine, Afghanistan. (Current Mission)

REQUIREMENT: An Entry Control Point is required at Wolverine to enhance force protection through inspection of vehicles entering the installation. Several thousand personnel and over 20 rotary-wing aircraft are expected to operate from Wolverine. An additional Entry Control Point (ECP) is required to facilitate the influx of logistics support. The ECP must ensure force protection while efficiently processing required vehicles and personnel.

CURRENT SITUATION: The existing ECP is undersized and inadequately designed. The ECP cannot accommodate the incoming traffic accessing the installation. Traffic entering is delayed for two to three hours while being inspected and cleared for entry. There is an insufficient vehicle staging area that causes congestion and supplies being delayed in delivery.

| I.COMPONENI        | FY 2011    | MTT.TTARV    | CONSTRUCTION | PROJEC | מיים חב     | 2.DATE        |         |
|--------------------|------------|--------------|--------------|--------|-------------|---------------|---------|
| ARMY               | 11 2011    | 111111111111 | CONSTRUCTION | TROOL  | J1 D11111   | 23 J <i>I</i> | AN 2010 |
| 3.INSTALLATION AND | D LOCATION |              |              |        |             |               |         |
|                    |            |              |              |        |             |               |         |
| Wolverine, Afg     | ghanistan  |              |              |        |             |               |         |
| 4.PROJECT TITLE    |            |              |              | !      | 5.PROJECT N | IUMBER        |         |
|                    |            |              |              |        |             |               |         |
| Entry Control      | Point      |              |              |        |             | 751           | 183     |

IMPACT IF NOT PROVIDED: If this project is not funded, US operations at Wolverine will be at risk for significant disruption. Congestion, delays, and risk of a force protection breach will escalate as expansion continues, requiring more traffic and deliveries to the installation.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

### 12. SUPPLEMENTAL DATA:

COMPONENT

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | OCT | 2009  |
|-----|--|-----|-------|
| (b) | Percent Complete As Of January 2010              | 1   | LO.00 |
| (C) | Date 35% Designed                                | MAY | 2010  |
| (d) | Date Design Complete                             | NOV | 2010  |
| (e) | Parametric Cost Estimating Used to Develop Costs |     | NO    |
|     |  |     |       |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | I Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000)  |
|-----|------|--|----------|
|     | (a)  | Production of Plans and Specifications           | 153      |
|     | (b)  | All Other Design Costs                           | 77       |
|     | (C)  | Total Design Cost                                | 230      |
|     | (d)  | Contract   | 153      |
|     | (e)  | In-house   | 77       |
|     |      |  |          |
| (4) | Cons | struction Contract Award                         | FEB 2011 |

- \_\_\_\_\_\_

| 1.COMPONENT       |            |          |              |        |            | 2.DATE |          |  |
|-------------------|------------|----------|--------------|--------|------------|--------|----------|--|
|                   | FY 2011    | MILITARY | CONSTRUCTION | PROJEC | T DATA     |        |          |  |
| ARMY              |            |          |              |        |            | 23     | JAN 2010 |  |
| 3.INSTALLATION AN | D LOCATION |          |              |        |            |        |          |  |
|                   |            |          |              |        |            |        |          |  |
| Wolverine, Afg    | ghanistan  |          |              |        |            |        |          |  |
| 4.PROJECT TITLE   |            |          |              | 5      | .PROJECT I | NUMBER |          |  |
|                   |            |          |              |        |            |        |          |  |
| Entry Control     | Point      |          |              |        |            | 7      | 5183     |  |
|                   |            |          |              |        |            |        |          |  |

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT  |  |   |  |   |   |  |  |   |  | 2.DATE   |   |
|--|--|---|--|---|---|--|--|---|--|--|---|
| ARMY   | FY 2   | 011   | MIL  | ITAF  | RY CON  | STRUCTI  | ON PRO   | DJECT DA  | ATA  | 22   | JAN 2010  |
| 3.INSTALLATION AND   | LOCAT  | ION   |  |   |   | 4.PRO  | JECT TIT   | TLE   | ļ  |  | UAN 2010  |
| Wolverine  |  |   |  |   |   |  |  |   |  |  |   |
| Afghanistan  |  |   |  |   |   | Peri   | meter  | Fence   |  |  |   |
| 5.PROGRAM ELEMENT  |  | 6.CATEG   | ORY CODI   | 3   | 7.PH  | ROJECT NU  |  |   | JECT CO  | ST (\$00   | 0)  |
|  |  |   |  |   |   |  |  | Auth  |  | 5 <b>,</b> :   | 100   |
| 01010A   |  |   | 872  |   |   | 7519   | 4  | Approp  |  | 5 <b>,</b> :   | 100   |
|  |  |   |  | 9   | .COST   | ESTIMATES  |  |   |  |  |   |
| PRIMARY FACILI   | ITEM<br>TY   |   |  | UM  | (M/E)   |  | QUANTI   | ГҮ  | UN   | ITCOST   | COST (\$000)<br>4,127   |
| Security Fenci   |  | .0 m H  | igh  | m   | (LF)  | 17,  | 864 (  | 58,60   | )9) 2  | 231.00   |   |
| SUPPORTING FAC<br>Site Imp( 39   | ILITI:<br>6) Dei   |   | )  | LS  |   |  |  | -   |  |  | 396<br>(396)  |
| SUBTOTAL<br>SUPV, INSP & O   | 5.00%  | )   | .70%)  |   |   |  |  |   |  |  | 4,523<br>226<br>4,749<br>366                                    |
| TOTAL REQUEST  | ( D 0 - D - T  |   |  |   |   |  |  |   |  |  | 5,115   |
| TOTAL REQUEST  |  |   | _  |   |   |  |  |   |  |  | 5,100   |
| INSTALLED EQT-   |  |   |  | <u> </u>  |   | . 1 / 2  | ` .  | 1 1 1   |  |  | (0)   |
| 10.Description of Propo<br>with berms and<br>11. REQ:  | culv   |   | Suppor   | ting  |   |  | includ   | er high<br>de site<br><br>SUBSTD:   | impro  | vemen  |   |
| Mission)  REQUIREMENT: for the person over 20 rotary CURRENT SITUAT Operating Capa Due to severe maintenance. T IMPACT IF NOT U.S. forces at OEF operations installation w | A pernel, wing ION: bilit; environment of the curre | rimete equipm aircr Wolv y (IOC onment rrent DED: eased this p e at r equire will | r fencent, a aft ar erine' ) presal confencing Inaderisk, rojectisk. d physelectics is a confencion of the confencion of | e is nd f e be s cu crik diti g do quat thus is | s required to the constant of the cons, bes not experient for the constant of | ired to<br>ties. S<br>eployed<br>perime<br>rm with<br>the ber<br>t provi<br>imeter<br>ading r<br>unded,<br>rity an | provideveral to Work ter consisted and force the phase and anti-inable | thousably thousably the consists le-strar lires exequate for protect less and mysical literroric principal constructions. | of the constant with the constant of the const | rce processing of the processi | otection el and tial na wire. ecurring ction. lace ess of f the |

DD 1 FORM 1391

| 1.COMPONENT      |  | 2.DATE                  |
|------------------|--|-------------------------|
| _,               | FY 2011 MILITARY CONSTRUCTION PROJE                |                         |
| ARMY             |  | 23 JAN 2010             |
| 3.INSTALLATION A | ND LOCATION  |                         |
|                  |  |                         |
| Wolverine, Af    | ghanistan  | 5.PROJECT NUMBER        |
| 4.PROJECT TITLE  |  | 5.PROJECI NUMBER        |
| Perimeter Fen    | ce   | 75194                   |
| ADDITIONAL:      | (CONTINUED)  |                         |
| Joint use pot    | ential will be incorporated where feasible         | e. A NATO pre-financing |
| statement (PF    | S) will be submitted for this project price        | or to award.            |
|                  |  |                         |
|                  | NTAL DATA:   |                         |
| A. Esti<br>(1)   | mated Design Data:<br>Status:                      |                         |
| (1)              | (a) Date Design Started                            | FER 2010                |
|                  | (b) Percent Complete As Of January 2010            |                         |
|                  | (c) Date 35% Designed                              |                         |
|                  | (d) Date Design Complete                           |                         |
|                  | (e) Parametric Cost Estimating Used to I           |                         |
|                  | (f) Type of Design Contract: Design-bio            | d-build                 |
| (2)              | Basis:   |                         |
|                  | (a) Standard or Definitive Design: NO              |                         |
| (3)              | Total Design Cost (c) = $(a) + (b)$ OR $(d) + (e)$ | e): (\$000)             |
|                  | (a) Production of Plans and Specification          |                         |
|                  | (b) All Other Design Costs                         |                         |
|                  | (c) Total Design Cost                              |                         |
|                  | (d) Contract                                       |                         |
|                  | (e) In-house                                       | 52                      |
| (4)              | Construction Contract Award                        | <u>MAY 2011</u>         |
| (5)              | Construction Start                                 | JUL 2011                |
| (6)              | Construction Completion                            |                         |

| I.COMPONENT       |            |          |              |        |            | Z.DAIE      |
|-------------------|------------|----------|--------------|--------|------------|-------------|
|                   | FY 2011    | MILITARY | CONSTRUCTION | PROJEC | T DATA     |             |
| ARMY              |            |          |              |        |            | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATION |          |              |        |            |             |
|                   |            |          |              |        |            |             |
| Wolverine, Afg    | ghanistan  |          |              |        |            |             |
| 4.PROJECT TITLE   |            |          |              | 5      | .PROJECT N | IUMBER      |
|                   |            |          |              |        |            |             |
| Perimeter Fend    | ce         |          |              |        |            | 75194       |
|                   |            |          |              |        |            |             |

B. Equipment associated with this project which will be provided from

other appropriations:

Fiscal Year

Equipment Nomenclature

Procuring
Appropriation

Appropriated Cost Or Requested (\$000)

NONE

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT            |   |            |       |       |         |       |              |      |          | 2.DATE     |              |
|------------------------|---|------------|-------|-------|---------|-------|--------------|------|----------|------------|--------------|
|                        | FY 2  | 011        | MILI  | TAR   | Y CON   | NSTI  | RUCTION PR   | OJE  | CT DATA  |            |              |
| ARMY                   |   |            |       |       |         |       |              |      |          | 23         | JAN 2010     |
| 3.INSTALLATION AN      | D LOCAT   | ION        |       |       |         |       | 4.PROJECT TI | TLE  |          |            |              |
| Wolverine              |   |            |       |       |         |       |              |      |          |            |              |
| Afghanistan            |   |            |       |       |         |       | Rotary Wi    | na   | Apron    |            |              |
| 5.PROGRAM ELEMENT      | 1   | 6.CATEGORY | CODE  |       | 7.P     | PROJE | ECT NUMBER   |      |          | COST (\$00 | 0)           |
|                        |   |            |       |       |         |       |              |      | Auth     | 24,        |              |
| 01010A                 |   | 113        | 3     |       |         |       | 75195        |      | Approp   | 24,        |              |
| 0101011                |   |            |       | 9.    | . COST  | ESTI  | IMATES       |      |          | 217        |              |
|                        | ITEM  |            |       | TTM   | (M/E)   |       | QUANTI       | ΓͲV  |          | UNITCOST   | COST (\$000) |
| PRIMARY FACILI         |   |            |       | OI-I  | (11/11) |       | QUANTI       |      |          | ONTICOST   | 19,708       |
| Rotary Wing Pa         |   | Apron      |       | m2    | (SF)    |       | 50,300 (     | 5    | 41.425)  | 228.00     |              |
| Rotary Wing Ta         | _   | _          |       |       | (SF)    |       | 10,900 (     |      |          |            |              |
| Airfield Misc.         | _   |            |       |       | (SF)    |       | 20,900 (     |      | 24,966)  |            |              |
| Apron Lighting         |   | 9          |       | LS    | (51)    |       | 20,300 (     |      | 21/300/  |            | (990         |
| lipron Ergnerns        | 9   |            |       |       |         |       |              |      |          |            | (330         |
|                        |   |            |       |       |         |       |              |      |          |            |              |
| SUPPORTING FAC         | ידד.דייד  | ES         |       |       |         | +     |              |      |          |            | 1,685        |
| Electric Servi         |   | <u> </u>   |       | LS    |         |       | _            | _    |          |            | (363         |
| Site Imp(1,32          |   | mo (       | )     | LS    |         |       | _            | _    |          |            | (1,322       |
| bicc imp( i,52         | 12) DC  | 1110 (     | ,     | ПО    |         |       |              |      |          |            | (1,522       |
|                        |   |            |       |       |         |       |              |      |          |            |              |
|                        |   |            |       |       |         |       |              |      |          |            |              |
|                        |   |            |       |       |         |       |              |      |          |            |              |
|                        |   |            |       |       |         |       |              |      |          |            |              |
|                        |   |            |       |       |         |       |              |      |          |            |              |
|                        |   |            |       |       |         |       |              |      |          |            |              |
|                        |   |            |       |       |         |       |              |      |          |            |              |
| ESTIMATED CONT         |   |            |       |       |         |       |              |      |          |            | 21,393       |
|                        | (5.00%  | )          |       |       |         |       |              |      |          |            | 1,070        |
| SUBTOTAL               |   |            |       |       |         |       |              |      |          |            | 22,463       |
| SUPV, INSP & C         | OVERHE  | AD (7.70   | )응)   |       |         |       |              |      |          |            | 1,730        |
| TOTAL REQUEST          |   |            |       |       |         |       |              |      |          |            | 24,193       |
| TOTAL REQUEST          | (ROUN   | DED)       |       |       |         |       |              |      |          |            | 24,000       |
| INSTALLED EQT-         | -OTHER  | APPROP     |       |       |         |       |              |      |          |            | (0           |
| 10.Description of Prop |   |            |       |       |         |       | tion parki   | _    | _        | _          |              |
| landing strip,         | ligh  | ting, and  | d mar | ckin  | gs fo   | or 1  | rotary-win   | ıg a | ircraft  | . Paveme   | nts will     |
| provide parkir         | ng spa  | ces and t  | axiv  | vays  | . Paı   | rkir  | ng spaces    | wil  | l be pr  | ovide fo   | r 21         |
| aircraft, all          | sized   | for CH-4   | ŀ7s,  | and   | will    | l ir  | nclude gro   | und  | ling and | tie-dow    | n            |
| points. Suppor         | cting   | facilitie  | es ir | nclu  | de el   | lect  | crical, wa   | ter  | , roads  | , draina   | ge, and      |
| site improveme         | ents.   | Antiterro  | orism | n/Fo  | rce I   | Prot  | tection me   | asu  | res wil  | l be inc   | luded.       |
|                        |   |            |       |       |         |       |              |      |          |            |              |
| 11. REQ:               | 61  | ,200 m2    | ADQI  | Γ:    |         |       | NONE         | SU   | BSTD:    | 6          | 1,200 m2     |
| PROJECT: Cons          | struct  | Rotary-V   | Ving  | Apr   | on at   | t Wo  | olverine,    | Afq  | hanista  | n. (Curr   | ent          |
| Mission)               |   | -          |       | -     |         |       |              | J    |          |            |              |
| REQUIREMENT:           | Wolv  | erine pro  | oiect | s a   | ir ar   | nd o  | ground com   | bat  | power    | in suppo   | rt of        |
| Operation Endu         |   | _          | -     |       |         |       |              |      | _        |            |              |
| Over 20 rotary         | _   |            |       |       |         |       | _            |      |          |            |              |
| to support ope         |   |            |       |       |         |       |              |      |          |            |              |
|                        |   |            |       |       |         |       |              |      |          |            |              |
| Wolverine.             | parking, taxiway, and supporting facilities for the aviation mission at |            |       |       |         |       |              |      |          |            |              |
|                        | PT∩NT.  | C117070075 | - 7   | ₩~ 7. |         | no 1  |              | .a = | 20111++  | og to      | nnort        |
| CURRENT SITUAT         |   |            |       |       |         |       | nas limite   |      |          |            |              |
| rotary wing ai         |   |            |       |       |         |       |              |      |          |            |              |
| parking is pro         |   |            |       |       |         |       |              |      |          |            |              |
| Operating Capa         | abilit  | y (IOC) s  | so⊥ut | cion  | . For   | reig  | gn Object    | Deb  | ris (FO  | D) is pr   | evalent      |

| 1.COMPONENT        |            |          |              |        |            | 2.DATE |      |
|--------------------|------------|----------|--------------|--------|------------|--------|------|
|                    | FY 2011    | MILITARY | CONSTRUCTION | PROJEC | T DATA     |        |      |
| ARMY               |            |          |              |        |            | 23 JAN | 2010 |
| 3.INSTALLATION AND | D LOCATION |          |              |        |            | •      |      |
|                    |            |          |              |        |            |        |      |
| Wolverine, Afg     | ghanistan  |          |              |        |            |        |      |
| 4.PROJECT TITLE    |            |          |              | 5      | .PROJECT N | UMBER  |      |
|                    |            |          |              |        |            |        |      |
| Rotary Wing Ap     | ron        |          |              |        |            | 7519   | 5    |

## CURRENT SITUATION: (CONTINUED)

and increases risk of devastating damage to valuable aircraft.

IMPACT IF NOT PROVIDED: If this project is not provided, the US rotary-wing aviation mission at Wolverine will be jeopordized due to rapidly deteriorating expeditionary operating surfaces. Risk of damage to valuable aviation assets will increase, resulting in degraded combat effectiveness.

ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

# 12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | DEC 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | .00      |
| (C) | Date 35% Designed                                | JUL 2010 |
| (d) | Date Design Complete                             | JAN 2011 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) | Type of Design Contract: Design-bid-build        |          |

(2) Basis:

| ( 2 ) | Dasis:  |          |
|-------|---|----------|
|       | (a) Standard or Definitive Design: NO   |          |
| (3)   | Total Design Cost (c) = (a)+(b) OR (d)+(e):  (a) Production of Plans and Specifications  (b) All Other Design Costs | 356      |
|       | (d) Contract  |          |
|       | (e) In-house  |          |
| (4)   | Construction Contract Award   | MAR 2011 |
| (5)   | Construction Start  | MAY 2011 |
|       |   |          |

(6) Construction Completion.................................. SEP 2012

| I.COMPONENT       |           |      |          |              |       |           | 2.DATE      |
|-------------------|-----------|------|----------|--------------|-------|-----------|-------------|
|                   | FY        | 2011 | MILITARY | CONSTRUCTION | PROJE | CT DATA   |             |
| ARMY              |           |      |          |              |       |           | 23 JAN 2010 |
| 3.INSTALLATION AN | D LOCATIO | ON   |          |              |       |           | ·           |
|                   |           |      |          |              |       |           |             |
| Wolverine, Afg    | ghanista  | an   |          |              |       |           |             |
| 4.PROJECT TITLE   |           |      |          |              |       | 5.PROJECT | NUMBER      |
|                   |           |      |          |              |       |           |             |
| Rotary Wing Ar    | oron      |      |          |              |       |           | 75195       |
|                   |           |      | •        |              |       |           |             |
|                   |           |      |          |              |       |           |             |
|                   |           |      |          |              |       |           |             |

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year

NONE

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT             |   |                  |        |        |               |            |          | 2.DATE     |              |
|-------------------------|---|------------------|--------|--------|---------------|------------|----------|------------|--------------|
| 1.COMPONENT             | EV 2  | ∩11 MTT.         | דייאפע | CONS   | TRIICTT ON    | DR∩.TI     | ברת המתמ |            |              |
| ARMY                    | FY 2011 MILITARY CONSTRUCTION PROJECT DATA                                |                  |        |        |               |            |          |            | JAN 2010     |
| 3.INSTALLATION AN       | D LOCATION 4.PROJECT TITLE  |                  |        |        |               |            |          |            | UAN 2010     |
| Wolverine               |   |                  |        |        |               |            |          |            |              |
| Afghanistan             |   |                  |        |        | Wastewa       | ter 5      | reatmen. | t Facili   | tv           |
| 5. PROGRAM ELEMENT      |   | 6.CATEGORY CODE  | 1      | 7.PRO  | JECT NUMBER   |            |          | COST (\$00 |              |
|                         |   | 0.011200111 0022 | •      | ,      | 3201 11011321 | -          | Auth     | 13,        |              |
| 01010A                  |   | 831              |        |        | 75224         |            | Approp   | 13,        |              |
| OTOTOA                  |   | 031              | 9.C    | OST ES | TIMATES       |            |          | 10,        | 000          |
|                         | ITEM  |                  | UM (I  |        |               | NITH TIMES |          | UNITCOST   | COST (\$000) |
| PRIMARY FACILI          |   |                  | OM (I  | M/E)   | QUA           | NTITY      |          | UNIICOSI   | 10,662       |
| Wastewater Tre          |   | t Facility       | L/d(I  | KG)    | 1059915       | 5 ( 3      | 280,000) | 9.86       |              |
| Antiterrorism           |   | _                | LS     | ,      | 1000010       |            | 200,000, |            | (199)        |
| Building Infor          |   |                  | LS     |        |               |            |          |            | (12)         |
| 201101119 111101        |   | 272002           | _~     |        |               |            |          |            | (==)         |
|                         |   |                  |        |        |               |            |          |            |              |
|                         |   |                  |        |        |               |            |          |            |              |
| SUPPORTING FAC          | דיד.דידי  | ES               |        |        |               |            |          |            | 832          |
| Electric Servi          |   | <u>==</u>        | LS     |        |               |            |          |            | (325)        |
| Water, Sewer,           |   |                  | LS     |        |               |            |          |            | (72)         |
| Site Imp( 16            |   | mo (             | LS     |        |               |            |          |            | (162)        |
| Information Sy          |   |                  | LS     |        |               |            |          |            | (273)        |
| IIII OI MACIOII BY      | Decino  |                  | 10     |        |               |            |          |            | (273)        |
|                         |   |                  |        |        |               |            |          |            |              |
|                         |   |                  |        |        |               |            |          |            |              |
|                         |   |                  |        |        |               |            |          |            |              |
|                         |   |                  |        |        |               |            |          |            |              |
| ESTIMATED CONT          | RACT  | COST             |        |        |               |            |          |            | 11,494       |
| CONTINGENCY (           |   |                  |        |        |               |            |          |            | 575          |
| SUBTOTAL                |   | ,                |        |        |               |            |          |            | 12,069       |
| SUPV, INSP & C          | VERHE   | AD (7.70%)       |        |        |               |            |          |            | 929          |
| TOTAL REQUEST           |   | (////00/         |        |        |               |            |          |            | 12,998       |
| TOTAL REQUEST           | (ROUN   | DED)             |        |        |               |            |          |            | 13,000       |
| INSTALLED EQT-          |   |                  |        |        |               |            |          |            | ()           |
| 10.Description of Propo |   |                  | struct | t a Wa | astewater     | Trea       | atment F | acility.   |              |
| facility will           | consi   |                  |        |        |               |            |          |            |              |
| Aeration Chamb          |   |                  |        |        |               |            |          |            |              |
| facilities inc          |   |                  |        |        |               |            |          |            |              |
| Antiterrorism/          |   |                  |        |        |               |            |          |            |              |
| ]                       |   |                  |        |        |               |            |          |            |              |
| 11. REQ:                | 1,059   | ,915 L/d ADQ     | Γ:     |        | NONE          | ST         | JBSTD:   | 1,05       | 9,915 L/d    |
|                         |   | a Wastewate      |        | atment |               |            |          |            |              |
| (Current Missi          |   |                  |        |        |               |            |          | ,          |              |
| REQUIREMENT:            |   | project is m     | needed | d to : | replace t     | he cu      | ırrent w | astewate   | r            |
| collection sys          |   |                  |        |        |               |            |          |            |              |
| environmental           |   |                  |        |        |               |            |          |            | e            |
| proposed waste          |   |                  |        |        |               |            |          |            |              |
| 280,000 Gal da          |   |                  |        |        |               |            |          |            |              |
| CURRENT SITUAT          |   | Wolverine of     |        |        |               | stewa      | ater by  | means of   | a            |
| system designe          |   |                  |        |        |               |            |          |            |              |
| -                       |   |                  |        |        |               |            |          | -          |              |
|                         | leach fields. This system is failing due to the increasing of Wolverine's |                  |        |        |               |            |          |            |              |

population. The existing leach fields are ponding and the situation will

worsen as the number of personnel increase.

| 1.COMPONENT            | FY 2011       | MTT.TTNDV | CONSTRUCTION | DDO.TE | מיי איי | 2.DATE      |  |  |  |  |
|------------------------|---------------|-----------|--------------|--------|---------|-------------|--|--|--|--|
| ARMY                   | F1 2011       | MILLIANI  | CONSTRUCTION | FROOE  | JI DAIA | 23 JAN 2010 |  |  |  |  |
| 3.INSTALLATION AN      | D LOCATION    |           |              |        |         |             |  |  |  |  |
| Wolverine, Afghanistan |               |           |              |        |         |             |  |  |  |  |
|                        |               |           |              |        |         | IUMBER      |  |  |  |  |
| Wastewater Tre         | eatment Facil |           | 75224        |        |         |             |  |  |  |  |

IMPACT IF NOT PROVIDED: As a result of increased volume causing the system to excced capacity, ponding and run off will occur, creating a breeding ground for vector-borne diseases such as malaria. Effects of this untreated waste run off not only adversely affects our service members, but also cause health risks to the locals down stream from the base. This will reduce the command's credibility and may cause friction between the US forces and the local population.

All required physical security and antiterrorism/force ADDITIONAL: protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

## 12. SUPPLEMENTAL DATA:

- Α. Estimated Design Data:
  - (1) Status:

| (a) | Date Design Started                              | NOV 2009 |
|-----|--|----------|
| (b) | Percent Complete As Of January 2010              | 10.00    |
| (C) | Date 35% Designed                                | MAY 2010 |
| (d) | Date Design Complete                             | DEC 2010 |
| (e) | Parametric Cost Estimating Used to Develop Costs | NO       |

- (f) Type of Design Contract: Design-bid-build
- (2) Basis:
  - (a) Standard or Definitive Design: NO

| (3) | Tota | 1 Design Cost $(c) = (a) + (b)$ OR $(d) + (e)$ : | (\$000) |
|-----|------|--|---------|
|     | (a)  | Production of Plans and Specifications           | 111     |
|     | (b)  | All Other Design Costs                           | 57      |
|     | (c)  | Total Design Cost                                | 168     |
|     | (d)  | Contract   | 111     |
|     | (e)  | In-house   | 57      |
|     |      |  |         |

- (4) Construction Contract Award...... MAR 2011

| 1.COMPONENT       |                |          |              |        |            | 2.DATE |       |      |
|-------------------|----------------|----------|--------------|--------|------------|--------|-------|------|
|                   | FY 2011        | MILITARY | CONSTRUCTION | PROJEC | T DATA     |        |       |      |
| ARMY              |                |          |              |        |            | 23     | JAN 2 | 2010 |
| 3.INSTALLATION AN | D LOCATION     |          |              |        |            | •      |       |      |
|                   |                |          |              |        |            |        |       |      |
| Wolverine, Afg    | ghanistan      |          |              | _      |            |        |       |      |
| 4.PROJECT TITLE   |                |          |              | 5      | .PROJECT N | IUMBER |       |      |
|                   |                |          |              |        |            |        |       |      |
| Wastewater Tre    | eatment Facili | ty       |              |        |            | -      | 75224 |      |
| ·                 | •              | •        | •            |        |            |        | •     |      |

B. Equipment associated with this project which will be provided from other appropriations:

Fiscal Year
Equipment Procuring Appropriated Cost
Nomenclature Appropriation Or Requested (\$000)

NA

Installation Engineer: LTC Martin Norvel

| 1.COMPONENT             |            |                 |            |        |                    |          |       | 2.DATE     |              |
|-------------------------|------------|-----------------|------------|--------|--------------------|----------|-------|------------|--------------|
|                         | FY 2       | 011 MILI        | TARY       | CON    | STRUCTION PR       | ROJECT D | ATA   |            |              |
| ARMY                    |            |                 |            |        |                    |          |       | 23         | JAN 2010     |
| 3.INSTALLATION AN       | D LOCAT    | ION             |            |        | 4.PROJECT T        | ITLE     |       |            | 01111 1010   |
| Worldwide Unsp          | necifi     | ed              |            |        |                    |          |       |            |              |
| morrawrae onsp          | JOULLE     | Cu              |            |        | Minor Cor          | nstructi | on    |            |              |
| 5.PROGRAM ELEMENT       |            | 6.CATEGORY CODE |            | 7 PF   | ROJECT NUMBER      |          |       | COST (\$00 | 10.)         |
| 5.1 ROGICAN ELLIMINI    |            | o.caildoki cobl |            | /      | OGLET NOMBER       | Auth     | опст  | CODI (ÇOO  | , ,          |
| 010117                  |            | 0.00            |            |        | 75600              | Approp   | 0     | 70         | 220          |
| 91211A                  |            | 000             | 0 0        |        | 75688<br>ESTIMATES | 11 1     | -     | 78,        | 330          |
|                         |            |                 |            |        |                    |          |       | 1          |              |
| DDIMADA DAGILI          | ITEM       |                 | UM (N      | M/E)   | QUANT              | TTY      |       | UNITCOST   | COST (\$000) |
| PRIMARY FACILI          |            | 7 7 7 77        | T G        |        |                    |          |       |            | 78,330       |
| Minor Construc          | ction,     | worldwide V     | LS         |        | -                  |          |       |            | (78,330)     |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
| SUPPORTING FAC          | CILITI     | <u>ES</u>       |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
| ESTIMATED CONT          | יים א כייי | COCT            |            |        |                    |          |       |            | 78,330       |
|                         | (.00 %     |                 |            |        |                    |          |       |            | 70,330       |
|                         | (.00 %     | )               |            |        |                    |          |       |            |              |
| SUBTOTAL                | \          | 7 D             |            |        |                    |          |       |            | 78,330       |
| SUPV, INSP & C          | )VERHE.    | AD (.00 %)      |            |        |                    |          |       |            | 0            |
| TOTAL REQUEST           | /          |                 |            |        |                    |          |       |            | 78,330       |
| TOTAL REQUEST           |            |                 |            |        |                    |          |       |            | 78,330       |
| INSTALLED EQT-          |            |                 |            |        |                    |          |       |            | (0)          |
| 10.Description of Propo |            | _               |            |        | minor consti       |          |       |            |              |
| a funded cost           |            |                 |            |        | _                  |          |       |            |              |
| conversion of           |            |                 |            |        |                    |          |       |            |              |
| USC 2805. The           | funde      | d cost limit    | is \$3     | 3,00   | 0,000 if the       | e projec | t is  | intend     | ed           |
| solely to corr          | rect a     | deficiency t    | hat i      | is l   | ife threater       | ning, he | alth  | threat     | ening,       |
| or safety thre          | eateni:    | ng.             |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |
| 11. REQ:                |            | NA ADQT         | <b>'</b> : |        | NA                 | SUBSTD   | ):    |            | NA           |
| PROJECT: Mino           | or mil     | itary constru   | ction      | ı, w   | orldwide.          |          |       |            |              |
| REQUIREMENT:            | This       | line item is    | need       | ded    | to provide f       | for unsp | ecif  | ied pro    | jects        |
| for which the           | need       | cannot reason   | ably       | be     | foreseen noi       | r justif | ied   | in time    | to be        |
| included in th          |            |                 | _          |        |                    | _        |       |            |              |
| CURRENT SITUAT          |            | _               |            |        | seen project       |          | ss h  | igh nat    | ional        |
| priorities suc          |            | _               |            |        |                    |          |       | _          |              |
| health, and sa          |            |                 |            | _      |                    |          |       | _          |              |
| submission.             | ilecy.     | inese projec    |            | AII II | oc ware dire       | II CHE H | ICAL  | aiiiiuai . | buaget       |
|                         | חם חוז     | D⊡D.            | nvor       | 74 40  | d the Armi         | will no  | + h-  | able +     |              |
| IMPACT IF NOT           |            |                 |            |        | d, the Army        |          |       |            |              |
| address urgent          | and        | umoreseen re    | quire      | emen   | is inat aris       | se aurin | ıy tn | e year.    |              |
|                         |            |                 |            |        |                    |          |       |            |              |
|                         |            |                 |            |        |                    |          |       |            |              |

| 1.COMPONENT   |         |                  |                   |                  |              |                          |          | 2.DA     | ATE      |               |
|---|---------|------------------|-------------------|------------------|--------------|--------------------------|----------|----------|----------|---------------|
| ARMY  | FY 2    | 011              | MIL]              | TARY             | CON          | STRUCTION PR             | OJECT DA | TA       | 23       | JAN 2010      |
| 3.INSTALLATION AN   | D LOCAT | 'ION             |                   |                  |              | 4.PROJECT TI             | TLE      | <u> </u> |          | 0121. 2020    |
| Worldwide Unsp  | pecifi  | ed               |                   |                  |              |                          |          |          |          |               |
|   |         | _                |                   |                  |              | Planning                 | & Design |          |          |               |
| 5.PROGRAM ELEMENT   | 1       | 6.CATEG          | ORY CODE          |                  | 7.PF         | ROJECT NUMBER            | 8.PROJ   | ECT COST | (\$00    | 0)            |
|   |         |                  |                   |                  |              |                          | Auth     |          |          |               |
| 91211A  |         |                  | 000               |                  |              | 75686                    | Approp   |          | 89,      | 716           |
|   |         |                  |                   | 9.0              | OST I        | ESTIMATES                |          |          |          |               |
|   | ITEM    |                  |                   | UM (1            | M/E)         | QUANTI                   | TY       | UNITC    | OST      | COST (\$000)  |
| PRIMARY FACIL   |         |                  |                   |                  |              |                          |          |          |          | 89,716        |
| Planning & Des  | sign,   | Worldw           | ide Va            | LS               |              | -                        | -        |          |          | (89,716)      |
|   |         |                  |                   |                  |              |                          |          |          |          |               |
| SUPPORTING FAC  | CILITI  | ES               |                   |                  |              |                          |          |          | $\dashv$ |               |
|   |         |                  |                   |                  |              |                          |          |          |          |               |
|   |         |                  |                   |                  |              |                          |          |          |          |               |
|   |         |                  |                   |                  |              |                          |          |          |          |               |
|   |         |                  |                   |                  |              |                          |          |          |          |               |
|   |         |                  |                   |                  |              |                          |          |          |          |               |
| ESTIMATED CONT  | TRACT   | COST             |                   |                  |              |                          |          |          |          | 89,716        |
| CONTINGENCY   | (.00 %  | )                |                   |                  |              |                          |          |          |          | 0             |
| SUBTOTAL  |         |                  |                   |                  |              |                          |          |          |          | 89,716        |
| SUPV, INSP & 0  | OVERHE. | AD (.            | 00 왕)             |                  |              |                          |          |          |          | 0             |
| TOTAL REQUEST   |         |                  |                   |                  |              |                          |          |          |          | 89,716        |
| TOTAL REQUEST   |         |                  |                   |                  |              |                          |          |          |          | 89,716        |
| INSTALLED EQT-  |         |                  |                   |                  |              |                          |          |          |          | (0)           |
| 10.Description of Prop<br>final design of<br>engineering; a<br>in conjunction | of maj  | or and<br>e deve | unspec<br>lopment | cified<br>c of s | d mi<br>stan | dards and cr             | tion pro | jects;   | valı     | ue            |
| 11. REQ:  |         | NA               | ADQT              |                  |              | NA                       | SUBSTD:  |          |          | NA            |
| PROJECT: Plan<br>REQUIREMENT:<br>services for n                               | This    | fundi            |                   | requi            |              | to provide don, Army (MC |          |          |          |               |
| projects, incl  |         |                  |                   |                  |              |                          |          |          |          |               |
| criteria and s  | standa  | rd des           | igns (d           | conve            | ntio         | nal function             | al layou | ts). Th  | is       | account       |
| is dissimilar   | to an   | y othe           | r line            | item             | in           | the Army's M             | CA budge | t in th  | at :     | it is         |
| reflective of   | an op   | eratio:          | ns expe           | ense,            | ver          | sus a define             | d scope  | of a si  | ngl      | е             |
| construction p<br>(USACE) distr   |         |                  |                   |                  |              |                          |          |          |          |               |
| and administra  |         |                  |                   |                  |              |                          |          |          | . = \    | - ·- <b>,</b> |
| accomplishment  |         |                  |                   |                  |              |                          |          |          | ise      | ment of       |
| projects in th  |         |                  |                   |                  |              |                          |          |          |          |               |
| in FY 2012 and  |         |                  |                   |                  |              |                          |          |          |          |               |
| request for th  |         |                  |                   |                  | _            |                          |          |          |          |               |

| 1.COMPONENT            |                |            |               |                                   | 2.DATE          |
|------------------------|----------------|------------|---------------|-----------------------------------|-----------------|
| 7 DM                   | FY 2011        | MILITARY C | ONSTRUCTION   | PROJECT DATA                      | 02 7777 0010    |
| ARMY 3.INSTALLATION AN | ID LOCATION    |            |               |                                   | 23 JAN 2010     |
| J.INDIALIATION A.      | ND LOCATION    |            |               |                                   |                 |
| Worldwide Uns          | pecified,      |            |               |                                   |                 |
| 4.PROJECT TITLE        | ,              |            |               | 5.PROJECT N                       | UMBER           |
|                        |                |            |               |                                   |                 |
| Planning & Des         | sign           |            |               |                                   | 75686           |
|                        |                |            |               |                                   |                 |
| REQUIREMENT:           | (CONTINUED)    |            | , , ,         |                                   |                 |
|                        |                |            |               | teria, guide s<br>epartment of th | specifications, |
| Facility Stand         |                |            | ciliue the be | partment of the                   | le Almy (DA)    |
| racificy beam          | daluizacion F. | logiam.    |               |                                   |                 |
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