Department of the Army

Fiscal Year (FY) 2010 Overseas Contingency Operations Request

Military Construction, Army
Construction Project Data

(Volume 2 of 2)

JUSTIFICATION DATA SUBMITTED TO CONGRESS
May 2009

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DEPARTMENT OF DEFENSE

MILITARY CONSTRUCTION

Military Construction, Army

For an additional amount for "Military Construction, Army", $923,884,000, to remain available until September 30, 2014: Provided, that such funds may be obligated and expended to carry out planning and design and military construction projects not otherwise authorized by law.

This request would provide $923,884,000 to fund various military construction projects to support Operation Enduring Freedom (OEF). The requested funds will provide troop housing, force protection measures, airfield facilities, operational facilities, support facilities, fuel handling systems, and roads in Afghanistan.

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DEPARTMENT OF THE ARMY
FY 2010 MCA Overseas Contingency Operations
Budget Request
Narrative Justification

Category – Military Construction

	FY10	
	OCOR	Total
MILCON	$923,884,000	$923,884,000

1. Introduction. This request supports 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 provide projects critical to the support of deployed war fighters, operational requirements for airfields, operational facilities, supply, troop housing, and infrastructure to ensure safe and efficient military operations, and facility protective measures protecting Soldier lives. These projects fulfill the Department's immediate mission needs and urgent infrastructure requirements in the theater 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 seventy-four projects in Afghanistan supporting OEF. Four projects support airfield operations, and improvements of those sites and their operations. Five projects provide utility and infrastructure capabilities to provide for improved services and increasing populations. Seven projects are to assure adequate fuel distribution, storage and supply is available even during times of emergency. Fifteen waste management projects support force health protection and reduce environmental impacts. Seven projects enhance logistics support providing for ammunition storage and handling, maintenance, and storage of supplies. The thirty-six remaining projects construct quality of life enhancing barracks, medical facilities, dining facilities, operational support facilities and provide force protection measures and other construction requirements.

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FY 2010 Overseas Contingency Operations
Military Construction, Army
($ in thousands)

Project Name	Location	Project Number	FY 2010 Request	Page No.
Afghanistan				
Dining Facility	Airborne	73231	$2,200	**45**
Waste Management Area	Airborne	74110	$5,600	**49**
Dining Facility	Altimur	73235	$2,150	**53**
Waste Management Area	Altimur	74238	$5,600	**57**
Waste Management Area	Asadabad	74121	$5,500	**61**
Troop Housing, Ph 3	Bagram	72605	$22,000	**65**
Drainage System, Ph 2	Bagram	73124	$21,000	**69**
Access Roads	Bagram	74134	$21,000	**73**
Command & Control Facility	Bagram	74136	$4,500	**77**
MedLog Warehouse	Bagram	74154	$3,350	**81**
Waste Management Area	Blessing	74160	$5,600	**85**
Waste Management Area	Bostick	74122	$5,500	**89**
Fuel System, Ph 1	Dwyer	74147	$5,800	**93**
Waste Management Complex	Dwyer	74171	$6,900	**97**
Dining Facility	Dwyer	74324	$2,200	**101**
Contingency Housing, Ph 1	Dwyer	74326	$8,600	**105**
Contingency Housing, Ph 2	Dwyer	74330	$6,900	**109**
Contingency Housing	Frontenac	73195	$3,800	**113**
Dining Facility	Frontenac	73228	$2,200	**117**
Tactical Runway	Gardez	73420	$28,000	**121**
Contingency Housing	Gardez	74162	$8,400	**125**
Dining Facility	Gardez	74250	$2,200	**129**
Fuel System, Ph 1	Gardez	74251	$6,000	**133**
Waste Management Complex	Ghazni	74120	$5,500	**137**
Contingency Housing	Jalalabad	74159	$6,900	**141**
Dining Facility	Jalalabad	74216	$4,350	**145**
Ammunition Supply Point	Jalalabad	74219	$35,000	**149**
Perimeter Fence	Jalalabad	74221	$2,050	**153**
Dining Facility	Joyce	73237	$2,100	**155**
Waste Management Area	Joyce	74240	$5,600	**159**
USFOR-A Headquarters & Housing	Kabul	72477	$98,000	**163**
Camp Phoenix Western Expansion	Kabul	74172	$39,000	**167**
Troop Housing, Ph 2	Kandahar	72603	$4,250	**171**
Command & Control Facility	Kandahar	73082	$4,500	**175**
Tanker Truck Off-Load Facility	Kandahar	73095	$23,000	**179**
Command & Control Facility	Kandahar	73097	$4,500	**183**
Command & Control Facility	Kandahar	73099	$4,500	**187**
Southpark Roads	Kandahar	73106	$11,000	**191**
Waste Management Complex	Kandahar	74149	$10,000	**195**
Warehouse	Kandahar	74292	$20,000	**199**
Theater Vehicle Maintenance Compound	Kandahar	74296	$55,000	**203**
Dining Facility	Maywand	73134	$6,600	**207**
Waste Management Area	Maywand	74203	$5,600	**211**
Waste Management Area	Mehtar Lam	74161	$4,150	**215**
Waste Management Complex	Salerno	74117	$5,500	**219**
Electrical Distribution Grid	Salerno	74233	$2,600	**223**
Fuel System, Ph 1	Salerno	74234	$12,800	**227**
Dining Facility	Salerno	74235	$4,300	**231**
Runway Upgrade	Salerno	74285	$25,000	**235**
Dining Facility	Shank	73234	$4,350	**239**
Electrical Distribution Grid	Shank	74099	$4,600	**243**
Troop Housing, Ph 2	Shank	74102	$8,600	**247**
Waste Management Complex	Shank	74103	$8,100	**251**
Water Distribution System	Shank	74195	$2,650	**255**
Rotary-Wing Parking	Sharana	74206	$32,000	**259**

FY 2010 Overseas Contingency Operations
Military Construction, Army
($ in thousands)

Project Name	Location	Project Number	FY 2010 Request	Page No.
Ammunition Supply Point	Sharana	74207	$14,000	**263**
Aircraft Maintenance Facilities	Sharana	74210	$12,200	**267**
Electrical Distribution Grid	Sharana	74215	$2,600	**271**
Dining Facility	Tarin Kowt	73214	$4,350	**275**
Fuel System, Ph 2	Tarin Kowt	74145	$11,800	**279**
Waste Management Area	Tarin Kowt	74181	$6,800	**283**
Ammunition Supply Point	Tarin Kowt	74286	$35,000	**287**
Basic Load Ammunition Holding Area	Tombstone/Bastion	73100	$7,500	**291**
Dining Facility	Tombstone/Bastion	73206	$8,900	**295**
Entry Control Point & Access Roads	Tombstone/Bastion	74143	$14,200	**299**
Fuel System, Ph 2	Tombstone/Bastion	74144	$14,200	**303**
Roads	Tombstone/Bastion	74274	$4,300	**307**
Troop Housing, Ph 3	Tombstone/Bastion	74276	$3,250	**311**
Level 3 Medical Facility	Tombstone/Bastion	74291	$16,500	**315**
Water Supply & Distribution System	Tombstone/Bastion	74319	$6,200	**319**
Troop Housing, Ph 4	Tombstone/Bastion	74329	$3,800	**323**
Dining Facility	Wolverine	73218	$2,200	**327**
Fuel System, Ph 1	Wolverine	74146	$5,800	**331**
Waste Management Complex	Wolverine	74169	$6,900	**335**
Total Afghanistan			$827,600	
Worldwid				
Unspecified Minor Military Construction, Army		74632	$20,000	**339**
Planning & Design		74631	$76,284	**341**
Total Worldwide			$96,284	
Total Military Construction, Army			$923,884	

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Component: ARMY

Project	Location	($000) Amount	Category
Dining Facility (PN 73231)	Airborne Afghanistan	2,200	Support Facilities

Justification: US Forces are currently planned to augment forces in Afghanistan and will require support facilities for rotational forces. Airborne does not currently have an adequate dining facility to accommodate all in-coming forces.

Impact if Not Provided: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 1000 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Airborne are subject to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Project	Location	($000) Amount	Category
Waste Management Area (PN 74110)	Airborne Afghanistan	5,600	Support Facilities

Justification: Currently, Airborne is rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Airborne, including housing and a dining facility, which will require a waste management area to properly operate. A comprehensive waste management area is required for force health protection and to meet environmental requirements at Airborne.

Impact if Not Provided: Without this project, Airborne 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.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Dining Facility (PN 73235)	Altimur Afghanistan	2,150	Support Facilities

Justification: US Forces have an immediate need for the expansion of the Forward Operating Base (FOB) Altimur to meet operational requirements in RC-East, Afghanistan. A dining facility is required to adequately feed the personnel at FOB Altimur. Altimur does not currently have a sustaining capacity to appropriately accommodate all in-coming forces.

Impact if Not Provided: If this project is not funded, US Forces will not have a designated location to provide adequate meals to over 800 personnel while maintaining a higher standards of sanitary cooking and preparation area, not found in field kitchens, after being deployed to the Afghanistan AOR. Without a place to properly cook, serve and partake in meals, US forces stationed at Altimur are subject to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Project	Location	($000) Amount	Category
Waste Management Area (PN 74238)	Altimur Afghanistan	5,600	Support Facilities

Justification: Currently, FOB Altimur is rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Altimur, including housing and a Dining Facility, which will require a waste management area to properly operate. A comprehensive waste management area is required for force health protection and to meet environmental requirements at Altimur.

Impact if Not Provided: Without this project, Altimur 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.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Waste Management Area (PN 74121)	Asadabad Afghanistan	5,500	Support Facilities

Justification: Asadabad is a Battalion-sized location that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management area is required for force health protection and to meet environmental requirements at Asadabad. This facility will ensure proper stewardship of Afghanistan's environment.

Impact if Not Provided: Without this project, Asadabad 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.

Project	Location	($000) Amount	Category
Troop Housing, Ph 3 (PN 72605)	Bagram Afghanistan	22,000	Billeting

Justification: Over 85% of personnel on BAF are still housed in expeditionary facilities, such as tents and plywood/ wood frame huts. The buildings are expeditionary in nature with a life span meant only for initial build-up. Because of their expeditionary construction, they also pose an increased safety and health risk. Several fires have occurred in the all-wood structures. Also, due to an absence in insulation, winter temperatures inside the huts drop below freezing. Furthermore, the inefficient mechanical systems consume a disproportionately large amount of electricity, in spite of the fact they neither heat nor cool to acceptable standards. Lastly, most of these have surpassed their designed life span.

Impact if Not Provided: The combat readiness of personnel is negatively impacted due to living in plywood/wood frame huts and 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 these wood facilities in order to inflict the maximum number of casualties. Without funding for this project, the tent and wood frame huts will have to be replaced on a case-by-case basis with either new wood frame huts or Relocatable Buildings. This diverts large sums of funds away from the warfighter missions in order to improve the safety and quality of life for military housing.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Drainage System Ph 2 (73124)	Bagram Afghanistan	21,000	Infrastructure

Justification: Bagram (BAF) did not have a comprehensive plan for a drainage system. The base has only one Soviet-era drainage ditch that no longer functions. All other flood controls constructed on BAF prior to 2001 are collection systems, rather than drainage systems. Due to the expediency with which coalition forces first beddown at BAF, most of the facilities were constructed in low-lying areas surrounded on all sides by road and force protection barriers. This causes rain and flood waters to pond within the boundaries of each camp and currently no method exists for removal other than evaporation. This continues the drainage system work started with the phase 1 project in the FY09 Overseas Contingency Operations Supplemental Request.

Impact if Not Provided: Drainage projects are required in order to meet BAF's growing facility and mission requirements. Standing water degrades mission capability, damages government property, and increases health risk to personnel (e.g. malaria). BAF must have a properly working drainage system in order adequately support long-term mission requirements. Without a comprehensive drainage system, military personnel and facilities will face an annual risk of danger and damage due to flood waters.

Project	Location	($000) Amount	Category
Access Roads (PN 74134)	Bagram Afghanistan	21,000	Roads

Justification: Traffic is very congested on BAF due to the limited number of paved/unpaved roads. There is currently only one paved asphalt road to support vehicle traffic. On the west side of the base, there is only one road that runs north to south. This significantly restricts movement, especially during an emergency or contingency situation. Also, smaller vehicles must yield to larger vehicles because the main paved road is narrow. The current perimeter road is gravel.

Impact if Not Provided: If not provided, the ability of forces at Bagram to react to a force protection threat or emergency will be severely impacted. Also, BAF will not have an adequate road system to efficiently move traffic and perform its mission. Congested roads greatly increase the risk of injury to personnel and damage to government equipment.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Command & Control Facility (PN 74136)	Bagram Afghanistan	4,500	Operational

Justification: US Forces have an immediate need for the expansion of the Bagram Airfield to meet operational requirements in RC-South, Afghanistan. In order to facilitate the US mission and its command & control element, this facility is required to support a medical brigade assigned to Bagram.

Impact if Not Provided: If this project is not funded, US Forces will not have a suitable facility to support the medical brigade for Command & Control, after being deployed to the Afghanistan AOR. Without a place to conduct missions, provide command & control of medical forces and supplies, US capabilities will significantly degrade resulting in decreased operating capacity.

Project	Location	($000) Amount	Category
MedLog Warehouse (PN 74154)	Bagram Afghanistan	3,350	Support Facility

Justification: The existing Medlog facility is located behind the flight line at Bagram Airfield. This facility must be relocated due to an Air Force project in FY11, which expands the Medevac helipad. This project is required to provide a replacement facility, properly sized and functionally configured as a storage and distribution center.

Impact if Not Provided: Medical supplies and essential medical assets will be stranded and could possibly put to risk the health and lives of troops support the Afghanistan war fighting mission.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Waste Management Area (PN 74160)	Blessing Afghanistan	5,600	Support Facilities

Justification: Blessing is a Battalion-sized camp that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management area is required for force health protection and to meet environmental requirements at Blessing. This facility will ensure proper stewardship of Afghanistan's environment.

Impact if Not Provided: Without this project, Blessing 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.

Project	Location	($000) Amount	Category
Waste Management Area (PN 74122)	Bostick Afghanistan	5,500	Support Facilities

Justification: Bostick is a Battalion-sized FOB that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management area is required for force health protection and to meet environmental requirements at Bostick. This facility will ensure proper stewardship of Afghanistan's environment.

Impact if Not Provided: Without this project, Bostick 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.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Fuel System, Ph 1 (PN 74147)	Dwyer Afghanistan	5,800	Fuel Handling and Storage

Justification: Currently, FOB Dwyer is rapidly expanding to meet a surge in troops and operations to RC-S. There are several large facility projects planned for Dwyer, including housing, waste management complex, and command and control facility that will require large amounts of fuel to operate.

Impact if Not Provided: Without this project, Dwyer will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss of the FOB's critical fuel supply.

Project	Location	($000) Amount	Category
Waste Management Complex (PN 74171)	Dwyer Afghanistan	6,900	Support Facilities

Justification: Currently, Dwyer is rapidly expanding to meet a surge in troops and operations to RC-S. There are several large facility projects planned, including housing and a dining facility, that will require a waste management complex to properly operate. A comprehensive waste management area is required for force health protection and to meet environmental requirements at Dwyer.

Impact if Not Provided: Without this project, Dwyer 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.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Dining Facility (PN 74324)	Dwyer Afghanistan	2,200	Support Facilities

Justification: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Dwyer does not have a Dining Facility to accommodate all in-coming forces.

Impact if Not Provided: If this project is not funded, US Forces will not have a designated location to provide adequate meals to over 1000 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Dwyer are subject to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Project	Location	($000) Amount	Category
Contingency Housing Ph 1 (PN 74326)	Dwyer Afghanistan	8,600	Billeting

Justification: The Army has an immediate need for the expansion of Camp Dwyer to meet operational requirements in southern Afghanistan. This project is phase one of Dwyer's housing requirement. Several more units are currently planned for deployment to the Dwyer area. Housing personnel in tents is meant for initial operating capability (IOC) purposes only, as tents offer zero protection from direct fire, indirect fire, or exploded fragmentation.

Impact if Not Provided: If this project is not funded, additional US Forces will not have facilities for housing after being deployed to Afghanistan. Incoming US Forces will be housed in tents, offering zero protection from direct fire, indirect fire, extreme weather conditions or exploded fragmentation.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Contingency Housing, Ph 2 (PN 74330)	Dwyer Afghanistan	6,900	Billeting

Justification: US Forces are currently planned to augment forces in FOB Dwyer and will require additional housing. Dwyer does not have adequate housing facilities to accommodate incoming personnel.

Impact if Not Provided: If this project is not funded, US Forces will not have housing after being deployed to Afghanistan. Without this project, US Forces will be housed in tents, exposed to enemy attacks, unnecessary health risks, and extreme weather conditions in summer and winter seasons.

Project	Location	($000) Amount	Category
Contingency Housing (PN 73195)	Frontenac Afghanistan	3,800	Billeting

Justification: The Army has an immediate need for the expansion of Forward Operating Base (FOB) Frontenac to meet operational requirements in Southern Afghanistan. Several more units are currently planned for deployment to Frontenac and will be housed in expeditionary facilities such as tents and plywood and wood frame huts due to the lack of adequate housing.

Impact if Not Provided: If this project is not funded, additional US Forces will not have designated and sufficient facilities for housing after being deployed to Afghanistan. Without additional housing facilities, incoming US Forces will have to be housed in tents, offering zero protection from direct fire, indirect fire, extreme weather conditions or exploded fragmentation.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Dining Facility (PN 73228)	Frontenac Afghanistan	2,200	Support Facilities

Justification: US Forces have an immediate need for the expansion of the Forward Operating Base Frontenac to meet operational requirements in RC-South, Afghanistan. Frontenac does not have an adequately Dining Facility to accommodate all in-coming forces.

Impact if Not Provided: If this project is not funded, US Forces will not have an adequate dining facility to provide meals to over 1000 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Frontenac are subject to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Project	Location	($000) Amount	Category
Tactical Runway (PN 73420)	Gardez Afghanistan	28,000	Airfield Operations

Justification: Planned force beddown at this location requires a tactical airstrip capable of supporting C-130 and C-17 operations in year-round conditions. These missions will initially require substantial tactical airlift capability for the movement of personnel and materiel, and will continue to require airlift to support sustained ground operations in Eastern Afghanistan. Currently, Gardez is essentially a "greenfield" site, supporting a small detachment of Army personnel, and has no airlift capability.

Impact if Not Provided: If this project is not funded, the commanders in Afghanistan will face unacceptable risk sustaining additional forces because the logistics concept of operations for those forces will be impossible to execute. The facilities at the existing air hubs Bagram and Kandahar are currently overextended, not able to meet the full daily demand for airlift, and unable to support the demands of additional forces.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Contingency Housing (PN 74162)	Gardez Afghanistan	8,400	Billeting

Justification: Several more units are currently planned for deployment to Gardez and will require housing. Housing personnel in tents is meant for initial operating capability (IOC) purposes only, as tents offer zero protection from direct fire, indirect fire, or exploded fragmentation.

Impact if Not Provided: Additional US Forces will augment current forces in southern Afghanistan and will require a larger FOB for rotational forces. If this project is not funded, additional US Forces will not have adequate, safe facilities for housing and will have to live in tents or other expeditionary housing facilities.

Project	Location	($000) Amount	Category
Dining Facility (PN 74250)	Gardez Afghanistan	2,200	Support Facilities

Justification: US Forces are currently planned to augment forces in Afghanistan and will require support facilities for rotational forces. Gardez does not currently have an adequate Dining Facility to accommodate all in-coming forces.

Impact if Not Provided: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 1000 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Airborne are subject to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Fuel System Ph 1 (PN 74251)	Gardez Afghanistan	6,000	Fuel Handling and Storage

Justification: Currently, FOB Gardez is rapidly expanding to meet a surge in troops and operations to RC-S. There are several large facility projects planned for Gardez, including a runway, housing, and dining facility that will require large amounts of fuel to operate. Support of the surge and operations requires a reliable fuel storage system.

Impact if Not Provided: Without this project, Gardez will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss of the FOB's critical fuel supply.

Project	Location	($000) Amount	Category
Waste Management Complex (PN 74120)	Ghazni Afghanistan	5,500	Support Facilities

Justification: Currently, FOB Ghazni is rapidly expanding to meet a surge in troops and operations to RC-E. Proper handling and disposal of solid waste is required for force health protection and to meet environmental requirements. There are several large facility projects planned for Ghazni that will require a waste management complex to properly operate.

Impact if Not Provided: Without this project, Ghazni 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.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Contingency Housing (PN 74159)	Jalalabad Afghanistan	6,900	Billeting

Justification: US Forces are currently planned to augment forces in Jalalabad and will require additional housing. Jalalabad does not have adequate housing facilities to accommodate in-coming personnel.

Impact if Not Provided: If this project is not funded, US Forces will not have housing after being deployed to the Afghanistan. The deployed personnel will be housed in tents, exposed to enemy attacks, unnecessary health risks, and extreme weather conditions in summer and winter seasons

Project	Location	($000) Amount	Category
Dining Facility (PN 74216)	Jalalabad Afghanistan	4,350	Support Facilities

Justification: US Forces have an immediate need for the expansion of the Jalalabad (JAF) to meet operational requirements in RC-East, Afghanistan. JAF does not currently have adequate dining facility capacity to accommodate all in-coming forces. In order to facilitate the US mission and its command & control element, all support facilities must be collocated.

Impact if Not Provided: If this project is not funded, US Forces will not have a designated location to provide adequate meals to over 2000 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Jalalabad are subject to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Ammunition Supply Point (PN 74219)	Jalalabad Afghanistan	35,000	Munitions Handling and Storage

Justification: Jalalabad has a small munitions storage area. A number of new air and ground missions (including additional Marine attack aircraft) plan to beddown at Jalalabad and will require an increase in munitions/ammunition storage that cannot be met by the existing ASP. This project is necessary to enable increased force posture in Afghanistan.

Impact if Not Provided: The current ASP will not be able to support munitions storage and operational requirements associated with new missions there. Munitions will either not be available or available on an uncertain and limited basis. This will severely limit the ground combat Commanders' options for combat support in Southern and Eastern Afghanistan. Lack of consistent and reliable munitions storage will place ground combat forces at risk on the battlefield.

Project	Location	($000) Amount	Category
Perimeter Fence (PN 74221)	Jalalabad Afghanistan	2,050	Force Protection

Justification: A perimeter fence is required to provide additional security around installation land areas not fenced. Current fenced areas cannot accommodate the additional surge requirements without expansion.

Impact if Not Provided: Jalalabad cannot accommodate the additional surge requirement and provide adequate security without this additional fencing. The additional area must be fenced for security and protection of soldiers, facilities and equipment

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Dining Facility (PN 73237)	Joyce Afghanistan	2,100	Support Facilities

Justification: US Forces are currently planned to augment forces in Afghanistan and will require an adequate dining facility for rotational forces. Joyce does not currently have a dining facility to accommodate all in-coming forces.

Impact if Not Provided: If this project is not funded, US Forces will not have an adequate dining facility to provide meals to over 800 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Joyce are subject to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Project	Location	($000) Amount	Category
Waste Management Area (PN 74240)	Joyce Afghanistan	5,600	Support Facilities

Justification: Currently, Camp Joyce is rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Joyce, including housing and a dining facility. A comprehensive waste management area is required for force health protection and to meet environmental requirements at Joyce.

Impact if Not Provided: Without this project, Joyce 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.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
USFOR-A HQ & Housing (PN72477)	Kabul Afghanistan	98,000	Operational/ Billeting

Justification: Consolidate all US Forces-Afghanistan(USFOR-A) and Combined Security Transition Command-Afghanistan (CSTC-A) living and working facilities at the new Kabul compound (NKC). Billeting, administration, and support/training facilities are required for USFOR-A and the relocation of CSTC-A's current population. This surge living and working population of 1,300 and 1,500, respectively, is in direct support of the development of Afghanistan National Security Forces (ANSF) and is projected to be sustained for 5-7 years. Current NKC and Camp Eggers (CE) infrastructure cannot fulfill surge requirements, therefore immediate construction of billeting, administration, and support/training facilities are essential. This project will allow CSTC-A personnel to vacate CE in its entirety and consolidate at NKC.

Impact if Not Provided: If this project is not funded, CSTC-A will be forced to execute split base operations. After completion of the Consolidated Compound (PN 66770 FY08 GWoT), NKC will only be able to accommodate approximately half of the current CE population. The surge period (5-7 years) requires a larger CSTC-A headquarters, thus requiring the continued funding of leased costs for CE ($4M annually). Split operations will directly diminish our ability to synchronize CSTC-A staff functions and will create a dysfunctional command and control relationship between the CSTC-A Commanding General and his staff due to the physical separation (about 2 miles). This separation also increases the danger to CSTC-A personnel due to a higher volume of commuting traffic between CE and NKC. The primary traffic route between NKC and CE received the highest threat classification for Improvised Explosive Device attacks in 50 of the last 60 days.

Project	Location	($000) Amount	Category
Camp Phoenix Western Expansion (PN 74172)	Kabul Afghanistan	39,000	Support Facilities

Justification: Camp Phoenix currently is at maximum capacity and cannot accommodate the additional surge and personnel will be forced to live in unsatisfactory conditions without this expansion. Current population of Camp Phoenix is 2,173 personnel. Existing Fire Department is inadequate and Camp Phoenix is at a substantial risk of damage due to fire. Current vehicle maintenance facility is not capable of supporting the surge of vehicles. MWR facilities do not provide adequate space and activities for personnel. The construction of these facilities will consolidate and streamline structures to utilize the limited space available on Camp Phoenix more efficiently.

Impact if Not Provided: If this project is not funded, closure of Camp Eggers will be delayed and personnel will continue to be housed in a high threat environment. Afghan National Security Forces combat readiness and training will be severely impacted if the base does not expand to accommodate living, administrative and support facilities for the additional 320 permanent party personnel on Camp Phoenix. The risks a catastrophic fire event at Camp Phoenix will remain at a possibility if the Fire Department is not funded. Without these facilities, US forces will struggle to be able to meet their mission of training the Afghan Forces.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Troop Housing, Ph 2 (PN 72603)	Kandahar Afghanistan	4,250	Billeting

Justification: The existing expeditionary housing has deteriorated to a point where they are unsafe, unhealthy, and expose personnel to enemy attacks and extreme weather conditions in summer and winter months. Inefficient mechanical systems cannot heat or cool to acceptable standards and several fires have occurred in the all-wood hut structures.

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. If this project is not funded, the plywood & wood frame huts will have to be replaced on a case-by-case basis with either new huts or relocatable buildings diverting funds away from the warfighter missions in order to improve the safety and quality of life for military housing.

Project	Location	($000) Amount	Category
Command & Control Facility (PN 73082)	Kandahar Afghanistan	4,500	Operational

Justification: US Forces have an immediate need for the expansion of Kandahar Airfield (KAF) to meet operational requirements in RC-South, Afghanistan. In order to facilitate the US mission and its command & control element, all support facilities must be collocated on KAF. US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Adequate facilities do not exist to support this new requirement.

Impact if Not Provided: If this project is not funded, US Forces will not have a suitable location meeting the requirements for Command & Control after being deployed to the Afghanistan AOR. Without a place to conduct missions, provide command & control of aircraft and ground forces, US capabilities will significantly degrade resulting in decreased operating capacity.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Tanker Truck off Load Facility (PN 73095)	Kandahar Afghanistan	23,000	Fuel Handling and Storage

Justification: The sole method for fuel delivery is via host nation contractors in fuel trucks, and there are no off-load points outside the base perimeter. Consequently, as many as 40 trucks per delivery must enter the base and dispense fuel. This poses a significant force protection risk to the population of Kandahar, and strains the entry control point (ECP) and the personnel who operate there. The existing on-base off-load point can only service two (2) trucks at a time and at a transfer rate of 350 GPM. This causes the line of fuel trucks to become backed-up and further increases the force protection risk.

Impact if Not Provided: Kandahar personnel and assets will continue to be unnecessarily exposed to threats caused by inefficient off-load operations that take place on-base. Efficient and reliable fuel operations are critical to numerous US missions on Kandahar, and must be improved beyond expeditionary standards in order to assure operations are not interrupted as missions grow as a result of additional units stationed in southern Afghanistan.

Project	Location	($000) Amount	Category
Command & Control Facility (PN 73097)	Kandahar Afghanistan	4,500	Operational

Justification: US Forces have an immediate operational need for the expansion of Kandahar Airfield (KAF) to meet future operational requirements in RC-South, Afghanistan. In order to facilitate the US mission and its command & control element, all support facilities must be collocated on KAF. US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Adequate facilities do not exist to support this new requirement.

Impact if Not Provided: : If this project is not funded, US Forces will not have a suitable location meeting the requirements for Command & Control after being deployed to the Afghanistan AOR. Without a place to conduct missions, provide command & control of aircraft and ground forces, US capabilities will significantly degrade resulting in decreased operating capacity.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Command & Control Facility (PN 73099)	Kandahar Afghanistan	4,500	Operational

Justification: US Forces have an immediate operational need for the expansion of Kandahar Airfield (KAF) to meet future operational requirements in RC-South, Afghanistan. In order to facilitate the US mission and its command & control element, all support facilities must be collocated on KAF. US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Adequate facilities do not exist to support this new requirement.

Impact if Not Provided: : If this project is not funded, US Forces will not have a suitable location meeting the requirements for Command & Control after being deployed to the Afghanistan AOR. Without a place to conduct missions, provide command & control of aircraft and ground forces, US capabilities will significantly degrade resulting in decreased operating capacity.

Project	Location	($000) Amount	Category
South Park Roads (PN 73106)	Kandahar Afghanistan	11,000	Roads

Justification: Traffic is very congested on Kandahar due to the limited number of paved/unpaved roads. There is currently only one paved asphalt road to support vehicle traffic. On the west side of the base, there is only one road that runs north to south. This significantly restricts movement, especially during an emergency or contingency situation. Also, smaller vehicles must yield to larger vehicles because the main paved road is narrow. The current perimeter road is gravel.

Impact if Not Provided: If not provided, Kandahar's ability to react to a force protection threat or emergency will be severely impacted. Also, there will not be a complete transportation system to perform its mission. Congested roads greatly increase the risk of injury to personnel and damage to government equipment.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Waste Management Complex (PN 74149)	Kandahar Afghanistan	10,000	Support Facilities

Justification: Kandahar (KAF) has the largest population of any installation in Afghanistan. A comprehensive solid waste management complex is required to support force health protection and meet environmental requirements at KAF. This facility will ensure proper stewardship of Afghanistan's environment. Currently, Kandahar has a population of over 15,000 personnel but does not have a waste management system designed for its population.

Impact if Not Provided: Without this project, Kandahar will be forced to operate without facilities for proper waste management. Improper management of US-generated waste will increase costs exponentially if we wait to remediate in the future.

Project	Location	($000) Amount	Category
Warehouse (PN 74292)	Kandahar Afghanistan	20,000	Support Facilities

Justification: A warehouse is required for use as a Defense Logistics Agency (DLA) distribution facility at Kandahar, Afghanistan. Construction of facility will allow for in-country receipt, storage and issue of DLA owned material to customers throughout the Afghan Theater of Operations, to include critical Joint Forward Repair Facilities in Regional Command South. DLA has no distribution capability within Afghanistan and currently moves product from Defense Distribution Depot Kuwait (DDKS), Defense Distribution Depot Europe (DDDE) in Germersheim, Germany and CONUS along tenuous surface and Air Lines of Communication.

Impact if Not Provided: If project is not completed, DLA will not be able to provide discrete order fulfillment of DLA owned material from locations inside Afghanistan. Additionally, by not holding DLA owned material, we assume significant risk associated with distribution through contractors in Pakistan and Afghanistan; thereby risking increased customer wait times and/or increased air distribution costs.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Theater Vehicle Maintenance Compound (PN 74296)	Kandahar Afghanistan	55,000	Support Facilities

Justification: All higher level wheeled vehicle refurbishment for joint units operating in Afghanistan is currently completed in Kuwait, Qatar or other repair facilities outside of Afghanistan. This can only be done securely by air transport out of Afghanistan using military or contracted aviation support. The movement of food, fuel, medical supplies, ammunition and personnel by air are a higher priority than equipment requiring refurbishment. Construction equipment, material handling equipment and robotics are refurbished in Bagram facilities that cannot handle the increase in equipment densities created by the OEF plus-up in Regional Command South (RC-S) and Regional Command West (RC-W). New facilities are required in southern Afghanistan to support the additional units and increased fleets of equipment.

Impact if Not Provided: If this project is not provided, the Combatant command's ability to refurbish high OPTEMPO, worn out and battle damaged wheeled vehicles and install safety and soldier survivability enhancements will be limited by the ability to fly these vehicles and pieces f equipment in and out of Afghanistan. The combatant commander must have the ability to complete higher level repairs and thus maintain operational readiness on wheeled vehicles in Afghanistan to sustain operations

Project	Location	($000) Amount	Category
Dining Facility (PN 73134)	Maywand Afghanistan	6,600	Support Facilities

Justification: US Forces are currently planned to augment forces in Afghanistan and will require support facilities for rotational forces. Maywand does not have an adequate dining facility with capability to feed all incoming personnel.

Impact if Not Provided: If this project is not funded, US Forces will not have an adequate dining facility to provide meals to over 3500 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Maywand are subjected to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Waste Management Area (PN 74203)	Maywand Afghanistan	5,600	Support Facilities

Justification: Currently, COB Maywand is rapidly expanding to meet a surge in troops and operations to RC-E. A comprehensive waste management area is required for force health protection and to meet environmental requirements at Maywand. This facility will ensure proper stewardship of Afghanistan's environment.

Impact if Not Provided: Without this project, Maywand 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.

Project	Location	($000) Amount	Category
Waste Management Area (PN 74161)	Mehtar-Lam Afghanistan	4,150	Support Facilities

Justification: Mehtar-Lam is a Battalion-sized location that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management area is required for force health protection and to meet environmental requirements at Mehtar-Lam. This facility will ensure proper stewardship of Afghanistan's environment.

Impact if Not Provided: Without this project, Mehtar-Lam 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.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Waste Management Complex (PN 74117)	Salerno Afghanistan	5,500	Support Facilities

Justification: Currently, COB Salerno is rapidly expanding to meet a surge in troops and operations to RC-E. Proper handling and disposal of waste is required for force health protection and to meet environmental requirements. There are several large facility projects planned for Salerno, including a runway reconstruction, housing, and dining facility that will require a waste management complex to properly operate.

Impact if Not Provided: Without this project, Salerno 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.

Project	Location	($000) Amount	Category
Electrical Distribution Grid (PN 74233)	Salerno Afghanistan	2,600	Utilities

Justification: Currently, Camp Salerno is rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Salerno, including a dining facility and fuel system that will require an electrical distribution network to support facilities.

Impact if Not Provided: Without this project, Salerno will be forced to operate with an expeditionary electric system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems utilize spot generation that is expensive to maintain and an inefficient use of fuel supplies.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Fuel System, Ph 1 (PN 74234)	Salerno Afghanistan	12,800	Fuel Handling and Storage

Justification: Currently, Camp Salerno is rapidly expanding to meet a surge in troops and operations to RC-E. Several projects are planned for Salerno, including adining facility and waste management complex which will require additional fuel supply. Support of surge operations requires a reliable fuel storage system.

Impact if Not Provided: Without this project, Salerno will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss critical fuel supply.

Project	Location	($000) Amount	Category
Dining Facility (PN 74235)	Salerno Afghanistan	4,300	Support Facilities

Justification: US Forces are currently planned to augment forces in Afghanistan and will require support facilities for rotational forces. Salerno does not currently have an adequate dining facility that will accommodate all in-coming forces.

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 or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Salerno are subject to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Runway Upgrade (PN 74285)	Salerno Afghanistan	25,000	Airfield Operations

Justification: Current runway and taxiways are reaching the end of their effective life span. The airfield is highly susceptible to closure for months at a time because it is not all-weather capable. The gravel runway and taxiway cannot support C-17's safely in all weather conditions. A paved runway is needed for efficient and safe military operations.

Impact if Not Provided: The airfield will not be able to handle the current operational level of effort for much longer. Stop-gap repair measures will continue to be demanded of the US Army engineers, who will need to be diverted from other high priority projects. Additional engineer units will need to be deployed to Salerno to keep the airfield operational. Unacceptable friction characteristics of the runway will result in severely limited aircraft operations during heavy rains and continue to be a safety hazard.

Project	Location	($000) Amount	Category
Dining Facility (PN 73234)	Shank Afghanistan	4,350	Support Facilities

Justification: US Forces are currently planned to augment forces in Afghanistan and will require an adequate dining facility for rotational forces. Shank does not currently have the dining facility capacity to accommodate all in-coming forces.

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 or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Shank are subject to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Electrical Distribution Grid (PN 74099)	Shank Afghanistan	4,600	Utilities

Justification: Currently, COB Shank is rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Shank, including a runway, housing, and BDE HQ, that will require a prime power network to operate.

Impact if Not Provided: Without this project, Shank will be forced to operate with an expeditionary electric system, meant only for temporary use and requires frequent and expensive replacement. Furthermore, expeditionary systems utilize spot generation that is expensive to maintain and an inefficient use of fuel supplies.

Project	Location	($000) Amount	Category
Troop Housing, Ph 2 (PN 74102)	Shank Afghanistan	8,600	Billeting

Justification: Additional US Forces are currently planned to augment forces FOB Shank and will require housing. Shank does not have adequate housing facilities to accommodate in-coming personnel. Incoming US Forces would be housed in tents and plywood and wood frame facilities.

Impact if Not Provided: If this project is not funded, US Forces will be housed in tents, exposed to enemy attacks, unnecessary health risks, and extreme weather conditions in summer and winter seasons.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Waste Management Complex (PN 74103)	Shank Afghanistan	8,100	Support Facilities

Justification: Currently, Shank is rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Shank, including a runway, housing, and Dining Facility. A comprehensive waste management area is required for force health protection and to meet environmental requirements at Shank. This facility will ensure proper stewardship of Afghanistan's environment.

Impact if Not Provided: Without this project, Shank 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.

Project	Location	($000) Amount	Category
Water Distribution System (PN 74195)	Shank Afghanistan	2,650	Utilities

Justification: Currently, FOB Shank is rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Shank, including a runway, housing, and dining facility that will require a water distribution system to properly operate.

Impact if Not Provided:
Without this project, Shank will be forced to operate without the facilities required to properly supply water.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Rotary-Wing Parking (PN 74206)	Sharana Afghanistan	32,000	Airfield Operations

Justification: Currently, Sharana does not have sufficient facilities to support increased rotary wing aircraft operations and maintenance missions. US Forces have an immediate need for expansion of Sharana to meet operational requirements in eastern Afghanistan. In order to facilitate the US mission with its command and control element, helicopter support facilities must be collocated on Sharana.

Impact if Not Provided: Additional US Forces will augment current forces in eastern Afghanistan. If this project is not funded, US Forces will not have a designated and sufficient location for rotary-wing aircraft operations & basing after being deployed to Afghanistan. Without a place to conduct missions, operate & base aircraft, US Army aviation capabilities will be significantly degraded resulting in decreased operating capacity and combat effectiveness.

Project	Location	($000) Amount	Category
Ammunition Supply Point (PN 74207)	Sharana Afghanistan	14,000	Munitions Handling and Storage

Justification: Sharana has a small munitions storage area on the east side of the current runway consisting of enclosed and climate-controlled facilities. A number of new air and ground missions plan to beddown at Sharana that will require an increase in munitions/ammunition storage that cannot be met by existing infrastructure. This project is necessary to enable increased force posture in Afghanistan.

Impact if Not Provided: The current Ammunition Supply Point will not be able to support munitions storage and operational requirements associated with new missions there. Munitions will either not be available or available on an uncertain and limited basis; both options will severely limit the ground combat Commanders' options for combat support in Southern and Eastern Afghanistan. Lack of consistent and reliable munitions storage will place ground combat forces at risk on the battlefield.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Aviation Maintenance Facility (PN 74210)	Sharana Afghanistan	12,200	Airfield Operations

Justification: US Forces are currently planned to augment forces in Afghanistan. Sharana does not have adequate maintenance facilities to support incoming aviation assets.

Impact if Not Provided: If this project is not funded, US units will not have a designated location to maintain and repair in-coming multi-million dollar aircraft after being deployed to the Afghanistan AOR. Without a place to conduct necessary maintenance and repair, these critical assets are at high risk to damage by weather and enemy attacks; this will significantly degrade US capabilities resulting in decreased battlefield effectiveness.

Project	Location	($000) Amount	Category
Electrical Distribution Grid (PN 74215)	Sharana Afghanistan	2,600	Utilities

Justification: Currently, Sharana is rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Sharana, including a Fuel System, Rotary Wing Parking Apron, and Aviation Hangar/Maintenance facilities that will require an electrical distribution network to support facilities.

Impact if Not Provided: Without this project, Sharana will be forced to operate with an expeditionary electric system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems utilize spot generation that is expensive to maintain and an inefficient use of fuel supplies.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Dining Facility (PN 73214)	Tarin Kowt Afghanistan	4,350	Support Facilities

Justification: US Forces are currently planned to augment forces in Afghanistan and will require support facilities for rotational forces. Tarin Kowt does not have an adequate dining facility to accommodate all in-coming forces.

Impact if Not Provided: If this project is not funded, US Forces will not be able to provide adequate meals to over 2100 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve in meals, US forces stationed at Tarin Kowt are subject to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Project	Location	($000) Amount	Category
Fuel System, Ph 2 (PN 74145)	Tarin Kowt Afghanistan	11,800	Fuel Handling and Storage

Justification: Currently, Tarin Kowt is rapidly expanding to meet a surge in troops and operations to RC-S. There are several large facility projects planned for Tarin Kowt, including housing, command and control facility, aviation facilities, and a dining facility that will require large amounts of fuel to operate.

Impact if Not Provided: Without this project, Tarin Kowt will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss of the COB's critical fuel supply.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Waste Management Area (PN 74181)	Tarin Kowt Afghanistan	6,800	Support Facilities

Justification: Currently, Tarin Kowt is rapidly expanding to meet a surge in troops and operations to RC-S. There are several large facility projects planned for Airborne, including housing and a dining facility. A comprehensive waste management area is required for force health protection and to meet environmental requirements at Tarin Kwot. This facility will ensure proper stewardship of Afghanistan's environment.

Impact if Not Provided: Without this project, Tarin Kowt 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.

Project	Location	($000) Amount	Category
Ammunition Supply Point (PN 74286)	Tarin Kowt Afghanistan	35,000	Munitions Handling and Storage

Justification: Tarin Kowt has a small munitions storage area. A number of new air and ground missions (including additional Marine attack aircraft) plan to beddown at Tarin Kowt and will require an increase in munitions/ammunition storage that cannot be met by the existing ASP. This project is necessary to enable increased force posture in Afghanistan.

Impact if Not Provided: The current ASP will not be able to support munitions storage and operational requirements associated with new missions there. Munitions will either not be available or available on an uncertain and limited basis. This will severely limit the ground combat Commanders' options for combat support in Southern and Eastern Afghanistan. Lack of consistent and reliable munitions storage will place ground combat forces at risk on the battlefield.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Basic Load Ammunition Holding Area (PN 73100)	Tombstone/Bastion Afghanistan	7,500	Munitions Handling and Storage

Justification: There is no designated hazardous cargo pad on the airfield. Missions carrying dangerous cargo are loaded and unloaded on the taxi-way. This current load/unload area is a safe distance from inhabited facilities; however, it requires the hazardous cargo to be transported to the Ammunition Storage Point on the Northwest side of the airfield. There is no adequate pad that can be utilized for the handling of hazardous cargo. Due to the inadequate ramp space, USAF/USA/USMC personnel, other aircraft, and assets are continually subjected to unsafe operations. Together with the constant threat of rocket fire, an enemy attack on a cargo aircraft loaded with munitions would likely cause fatalities as well as damage to aircraft and other equipment.

Impact if Not Provided: If this project is not constructed, personnel, aircraft, and resources will continue to operate under considerable risk due to the transportation requirements and inadequate areas to operate other aircraft while hazardous cargo is unloaded. Personnel are unnecessarily compromised and the potential for injury/death is substantial.

Project	Location	($000) Amount	Category
Dining Facility (PN 73206)	Tombstone/Bastion Afghanistan	8,900	Support Facilities

Justification: US Forces are currently planned to augment forces in Afghanistan and will require support facilities for rotational forces. Tombstone/Bastion does not have an adequate Dining Facility to support the US forces currently based at Tombstone/Bastion. With the increasing population, the existing dining facility will not be capable of supporting the incoming personnel.

Impact if Not Provided: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 4000 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.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Entry Control Point & Access Roads (PN 74143)	Tombstone/Bastion Afghanistan	14,200	Force Protection

Justification: The existing ECP is undersized and inadequately designed. The ECP cannot accommodate in the traffic accessing the base. Entering traffic is delayed for hours while being inspected and cleared for entry. There is an insufficient vehicles staging area that causes congestion in the nearby area around the ECP.

Impact if Not Provided: If a new ECP is not constructed, combat operations at Bastion/Tombstone will be at risk for significant disruption. In addition, since Bastion/Tombstone is a major supply hub for the rest of the Combined Joint Operations Area, combat operations throughout Afghanistan will also be at risk.

Project	Location	($000) Amount	Category
Fuel System Ph 2 (PN 74144)	Tombstone/Bastion Afghanistan	14,200	Operational

Justification: Tombstone/Bastion requires the capability to store and dispense approx 1,000,000 gallons of fuel in support of air and land operations for Operation Enduring Freedom (OEF). Bastion is rapidly expanding to meet a surge in troops and operations to RC-S. There are several large facility projects planned for Tombstone/Bastion, including a runway, housing, and command and control facilities that will require large amounts of fuel to operate.

Impact if Not Provided: Without this project, Tombstone/Bastion will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent and expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss of the COB's critical fuel supply.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Roads (PN 74274)	Tombstone/Bastion Afghanistan	4,300	Roads

Justification: Traffic is very congested on Tombstone/Bastion due to the limited number of roads. There are currently no paved asphalt roads to support vehicle traffic. This significantly restricts movement especially during the rainy season. Although the country only receives 15 inches of rain annually, the lack of paved surfaces significantly restricts movements due to severe flooding and surface breakdown. In the dry season the reoccurring dust generated by heavy vehicle traffic creates a hazardous dust situation. Finally, the road conditions are in a constant state of deterioration, requiring continuous upkeep and maintenance. The repair and maintenance performed by heavy equipment present an additional hazard to all vehicle traffic that must safely circumvent the machines.

Impact if Not Provided: If not provided, Tombstone/Bastion's ability to react to a force protection threat or emergency will be severely impacted. Also, the installation will not an adequate road network for efficient traffic flow to perform its mission. Finally, deteriorated dirt roads coupled with heavy equipment required to help maintain them represents hazardous situations to all vehicle traffic, greatly increasing the risk of injury to personnel and damage to government equipment.

Project	Location	($000) Amount	Category
Troop Housing, Ph 3 (PN 74276)	Tombstone/Bastion Afghanistan	3,250	Billeting

Justification: Many U.S. personnel based at Tombstone/Bastion are housed in expeditionary housing, such as plywood and wood frame huts or tents. The buildings are expeditionary in nature and have a maximum 3-5 year life span. Because of their expeditionary construction, they pose an increased safety and health risk. The inefficient mechanical systems cannot heat nor cool to acceptable standards. Also, due to an absence of insulation, winter temperatures inside the huts drop below freezing. These structures are extremely vulnerable to fire.

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. If this project is not funded, the plywood and wood frame huts will have to be replaced on a case-by-case basis with either new huts or relocatable buildings. This diverts funds away from the warfighter missions in order to improve the safety and quality of life for military housing.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Level 3 Medical Facility (PN 74291)	Tombstone/Bastion Afghanistan	16,500	Medical

Justification: This project is required to provide adequate medical service to US Forces in the region. There is currently no medical facility and this base is being developed into a new Contingency Operating Base that will support over 20,000 personnel.

Impact if Not Provided: If this project is not funded, Tombstone/Bastion will be severely limited in their lifesaving and preventative medicine capability, significantly degrading US resources resulting in decreased operating capacity. Without this facility, personnel will have to be transported to another medical facility 250 miles away.

Project	Location	($000) Amount	Category
Water Supply & Distribution System (PN 74319)	Tombstone/Bastion Afghanistan	6,200	Utilities

Justification: Tombstone/Bastion requires efficient infrastructure to support its operations in Regional Command-East (RC-E). It will ultimately maintain facilities for 5,500 Soldiers. Quantities and costs are based on the consumption planning factor of 50 gallons per day per Soldier resulting in a water storage capacity requirement of 450,000 gallons

Impact if Not Provided: Without this project, Tombstone/Bastion will be forced to operate without the facilities required to properly supply water.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Troop Housing, Ph 4 (PN 74329)	Tombstone/Bastion Afghanistan	3,800	Billeting

Justification: More units are planned for deployment to Tombstone/Bastion and the base will require additional facilities. Housing personnel in tents is meant for initial operating capability (IOC) purposes only, as tents offer zero protection from direct fire, indirect fire, exploded fragmentation, or extreme weather conditions.

Impact if Not Provided: If this project is not funded, additional US Forces will not have housing after being deployed to Afghanistan. Without this project, US Forces will have to be housed in tents and plywood & wood frame huts, exposed to unhealthy conditions and enemy attacks.

Project	Location	($000) Amount	Category
Dining Facility (PN 73218)	Wolverine Afghanistan	2,200	Support Facilities

Justification: US Forces are currently planned to augment forces in Afghanistan and will require support facilities for rotational forces. Wolverine does not have an adequate Dining Facility to accommodate all in-coming forces.

Impact if Not Provided: If this project is not funded, US Forces will not have a Dining Facility to provide adequate meals to over 1100 personnel or maintain higher standards of sanitary cooking and food preparation area. Without a place to properly cook, serve and partake in meals, US forces stationed at Wolverine are subject to unnecessary health risks; this will significantly degrade US capabilities resulting in decreased operating capacity.

Summary of FY 2010 Overseas Contingency Operations
Military Construction Projects

Project	Location	($000) Amount	Category
Fuel System Ph 1 (PN 74146)	Wolverine Afghanistan	5,800	Fuel Handling and Storage

Justification: Currently, Camp Wolverine is rapidly expanding to meet a surge in troops and operations to RC-S. There are several large facility projects planned for Wolverine, including housing, waste management complex, and command and control facility that will require large amounts of fuel to operate.

Impact if Not Provided: Without this project, Wolverine will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss of critical fuel supply.

Project	Location	($000) Amount	Category
Waste Management Complex (PN 74169)	Wolverine Afghanistan	6,900	Support Facilities

Justification: Currently, Wolverine is rapidly expanding to meet a surge in troops and operations to RC-S. There are several large facility projects planned for Wolverine, including a housing and a dining facility, that will require a waste management complex to properly operate. A comprehensive waste management area is required for force health protection and to meet environmental requirements at Wolverine. This facility will ensure proper stewardship of Afghanistan's environment.

Impact if Not Provided: Without this project, Wolverine 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.

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Airborne Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	722	73231	Auth 2,200 Approp 2,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,092
Dining Facility,	m2 (SF)	535 (5,759)	1,330	(712)
Information Systems	LS	--	--	(32)
Kitchen Module w/Equipment	m2 (SF)	53 (570.49)	4,483	(238)
Standby Generator	m2 (SF)	300 (3,229)	366.24	(110)
SUPPORTING FACILITIES				865
Electric Service	LS	--	--	(300)
Water, Sewer, Gas	LS	--	--	(260)
Paving, Walks, Curbs & Gutters	LS	--	--	(175)
Storm Drainage	LS	--	--	(30)
Site Imp(60) Demo( )	LS	--	--	(60)
Antiterrorism Measures	LS	--	--	(20)
Communication	LS	--	--	(20)
ESTIMATED CONTRACT COST				1,957
CONTINGENCY (5.00%)				98
SUBTOTAL				2,055
SUPV, INSP & OVERHEAD (7.70%)				158
TOTAL REQUEST				2,213
TOTAL REQUEST (ROUNDED)				2,200
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Dining Facility. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, mechanical systems, and building information systems. Kitchen capacity is 1,000 persons per meal; seating capacity is provided to support the desired number of personnel and seating during each meal period. 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. Antiterrorism/Force Protection measures will be included.

11. REQ: 1,000 PN ADQT: NONE SUBSTD: 1,000 PN

PROJECT: Construct a Dining Facility (DFAC) for 1000 personnel at Airborne, Wardak Province, Afghanistan.

REQUIREMENT: US Forces have an immediate operational need for the expansion of Airborne to meet operational requirements in RC-East, Afghanistan. In order to facilitate the US mission and its command & control element, all support facilities must be collocated on Airborne.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Airborne does not currently have a sustaining capacity to accommodate

CURRENT SITUATION: (CONTINUED)
all in-coming forces.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 1,000 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook, serve and partake in meals, US forces stationed at Airborne are subject 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	437
(c) Total Design Cost	437
(d) Contract	292
(e) In-house	145

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Airborne, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	73231

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Airborne Afghanistan (Afghanistan Various)	Waste Management Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74110	Auth 5,600 Approp 5,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,543
Covered Storage and Sorting Fac	m2 (SF)	696.77 (7,500)	1,066	(743)
Incinerator Unit	kg (TON)	14,515 (16)	228.18	(3,312)
Waste Management Office	m2 (SF)	60.39 (650)	1,991	(120)
Ash Landfill	m2 (SF)	2,462 (26,500)	137.35	(338)
Antiterrorism Measures	LS	--	--	(30)
SUPPORTING FACILITIES				405
Electric Service	LS	--	--	(130)
Water, Sewer, Gas	LS	--	--	(100)
Paving, Walks, Curbs & Gutters	LS	--	--	(70)
Storm Drainage	LS	--	--	(20)
Site Imp(75) Demo( )	LS	--	--	(75)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				4,948
CONTINGENCY (5.00%)				247
SUBTOTAL				5,195
SUPV, INSP & OVERHEAD (7.70%)				400
TOTAL REQUEST				5,595
TOTAL REQUEST (ROUNDED)				5,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Area. Primary facilities include 16 ton incinerator (multiple units), covered storage and sorting facility, an administrative facility, and an ash landfill. Supporting facilities include utilities, site improvements, pavements and drainage.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Area at Airborne, Afghanistan.

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

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Airborne, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74110

IMPACT IF NOT PROVIDED: Without this project, Airborne will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	208
(b) All Other Design Costs	103
(c) Total Design Cost	311
(d) Contract	208
(e) In-house	103

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Airborne, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74110

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Altimur Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	722	73235	Auth 2,150 Approp 2,150

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,060
Dining Facility	m2 (SF)	535 (5,759)	1,330	(712)
Kitchen Module w/Equipment	m2 (SF)	53 (570.49)	4,483	(238)
Standby Generator	kWe(KW)	300 (300)	366.24	(110)
SUPPORTING FACILITIES				840
Electric Service	LS	--	--	(280)
Water, Sewer, Gas	LS	--	--	(260)
Paving, Walks, Curbs & Gutters	LS	--	--	(175)
Storm Drainage	LS	--	--	(30)
Site Imp(60) Demo( )	LS	--	--	(60)
Antiterrorism Measures	LS	--	--	(20)
Communication Lines	LS	--	--	(15)
ESTIMATED CONTRACT COST				1,900
CONTINGENCY (5.00%)				95
SUBTOTAL				1,995
SUPV, INSP & OVERHEAD (7.70%)				154
TOTAL REQUEST				2,149
TOTAL REQUEST (ROUNDED)				2,150
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a Dining Facility. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, mechanical systems, and building information systems. Kitchen capacity is 1000 persons per meal; seating capacity is provided to support the desired number of personnel and seatings during each meal period. Supporting facilities include roads, curbs, walkways, drainage, and parking. Furniture will be purchase with other funding. Antiterrorism/Force Protection will be provided.

11. REQ: 1,000 PN ADQT: NONE SUBSTD: 1,000 PN

PROJECT: Construct a Dining Facility to support 1000 personnel at FOB Altimur, Afghanistan.

REQUIREMENT: US Forces have an immediate need for the expansion of the Forward Operating Base Altimur to meet operational requirements in RC-East, Afghanistan. A Dining Facility is required to adequately feed the personnel at FOB Altimur.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Altimur does not currently have a sustaining capacity to appropriately accommodate all in-coming forces.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Altimur, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	73235

IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 1000 personnel or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook, serve and partake in meals, US forces stationed at Altimur are subject 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	360
(c) Total Design Cost	360
(d) Contract	240
(e) In-house	120

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Altimur, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	73235

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Altimur Afghanistan (Afghanistan Various)	Waste Management Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74238	Auth 5,600 Approp 5,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,543
Covered Stor and Sorting Fac	m2 (SF)	696.77 (7,500)	1,066	(743)
Incinerator	kg (TON)	14,515 (16)	228.18	(3,312)
Ash Landfill	m2 (SF)	2,462 (26,500)	137.35	(338)
Waste Management Office	m2 (SF)	60.39 (650)	1,991	(120)
Antiterrorism Measures	LS	--	--	(30)
SUPPORTING FACILITIES				385
Electric Service	LS	--	--	(130)
Water, Sewer, Gas	LS	--	--	(100)
Paving, Walks, Curbs & Gutters	LS	--	--	(70)
Site Imp(75) Demo( )	LS	--	--	(75)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				4,928
CONTINGENCY (5.00%)				246
SUBTOTAL				5,174
SUPV, INSP & OVERHEAD (7.70%)				398
TOTAL REQUEST				5,572
TOTAL REQUEST (ROUNDED)				5,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Area. Primary facilities include 16 ton incinerator (multiple units), covered storage and sorting facility, an administrative facility, and an ash landfill. Supporting facilities include utilities, site improvements, pavements and drainage.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Area at Forward Operating Base Altimur, Afghanistan.

REQUIREMENT: Altimur is a Battalion-sized FOB that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management area is required to meet environmental requirements. 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.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Altimur, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74238

IMPACT IF NOT PROVIDED: Without this project, Altimur will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	207
(b) All Other Design Costs	103
(c) Total Design Cost	310
(d) Contract	207
(e) In-house	103

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Altimur, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74238

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Asadabad Afghanistan (Afghanistan Various)	Waste Management Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74121	Auth 5,500 Approp 5,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,451
Incinerator Units	kg (TON)	14,515 (16)	221.84	(3,220)
Covered Storage & Sorting Fac	m2 (SF)	696.77 (7,500)	1,066	(743)
Ash Landfill	m2 (SF)	2,462 (26,500)	137.35	(338)
Waste Management Office	m2 (SF)	60.39 (650)	1,991	(120)
Antiterrorism Measures	LS	--	--	(30)
SUPPORTING FACILITIES				385
Electric Service	LS	--	--	(130)
Water, Sewer, Gas	LS	--	--	(100)
Paving, Walks, Curbs & Gutters	LS	--	--	(70)
Site Imp(75) Demo( )	LS	--	--	(75)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				4,836
CONTINGENCY (5.00%)				242
SUBTOTAL				5,078
SUPV, INSP & OVERHEAD (7.70%)				391
TOTAL REQUEST				5,469
TOTAL REQUEST (ROUNDED)				5,500
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Area. Primary facilities include 16 ton per day incinerator (multiple units), covered storage and sorting facility, an administrative facility, and an ash landfill. The incinerator must operate using fuel or waste oil. Supporting facilities include electrical service, utilities, site improvements, pavements and drainage.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Area at Asadabad, Konar Province, Afghanistan.

REQUIREMENT: Asadabad is a Battalion-sized location that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management area is required to meet environmental requirements at Asadabad. 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.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a

CURRENT SITUATION: (CONTINUED)
danger to personnel and potential long-term harm to the local environment.
IMPACT IF NOT PROVIDED: Without this project, Asadabad will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a)	Date Design Started	APR 2009
(b)	Percent Complete As Of January 2009	.00
(c)	Date 35% Designed	NOV 2009
(d)	Date Design Complete	APR 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	203
(b)	All Other Design Costs	101
(c)	Total Design Cost	304
(d)	Contract	203
(e)	In-house	101

(4)	Construction Contract Award	JUN 2010
(5)	Construction Start	JUN 2010
(6)	Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Asadabad, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74121

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Bagram Air Base Afghanistan (Afghanistan Various)	Troop Housing, Ph 3

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	72605	Auth 22,000 Approp 22,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				15,564
Contingency Barracks	PN	972 --	15,000	(14,580)
Antiterrorism Measures	LS	--	--	(300)
Building Information Systems	LS	--	--	(684)
SUPPORTING FACILITIES				3,549
Electric Service	LS	--	--	(1,245)
Water, Sewer, Gas	LS	--	--	(779)
Paving, Walks, Curbs & Gutters	LS	--	--	(215)
Storm Drainage	LS	--	--	(110)
Site Imp(800) Demo( )	LS	--	--	(800)
Information Systems	LS	--	--	(200)
Antiterrorism Measures	LS	--	--	(200)
ESTIMATED CONTRACT COST				19,113
CONTINGENCY (5.00%)				956
SUBTOTAL				20,069
SUPV, INSP & OVERHEAD (7.70%)				1,545
TOTAL REQUEST				21,614
TOTAL REQUEST (ROUNDED)				22,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct Troop Housing for 972 personnel to replace expeditionary housing facilities. Primary facilities will be temporary construction(Relocatable Buildings, Pre-Engineered Metal Buildings) with associated stairways, hallways, latrines, and mechanical rooms. Supporting facilities include site improvements, pavement, electrical & utility infrastructure, mechanical systems, and information systems. Antiterrorism/Force Protection measures are included.

11. REQ: 15,700 PN ADQT: 5,745 PN SUBSTD: 9,955 PN

PROJECT: Construct Troop Housing, Ph 3 of 9, to replace expeditionary facilities, at Bagram Air Base, Afghanistan. Current Mission

REQUIREMENT: The Army has an immediate need for housing facilities at Bagram to meet requirements in southern Afghanistan. US Forces are housed in expeditionary facilities such as tents and plywood & wood frame huts, which do not provide adequate protection from enemy fire and extreme weather conditions.

CURRENT SITUATION: Over 60% of personnel on BAF are still housed in expeditionary facilities, such as tents or plywood & woodframe huts. Because of their expeditionary construction, they pose an increased safety and health risk. Several fires have occurred in the plywood & wood frame huts. Due to an

CURRENT SITUATION: (CONTINUED)
absence of insulation, winter temperatures inside the plywood & woodframe huts drop below freezing. Furthermore, the inefficient mechanical systems consume a disproportionately large amount of electricity and cannot heat or cool to acceptable standards.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have adequate, safe housing after being deployed to Afghanistan. US Forces will continue living in tents and plywood & wood frame huts that provide no protection from enemy fire or extreme weather conditions. The combat readiness of personnel is negatively impacted due to living in tents or plywood & wood frame huts that pose a fire hazard and are not insulated from continuous exposure to the elements. The plywood & wood frame huts will have to be replaced on a case-by-case basis, diverting funds away from the warfighter missions in order to improve the safety and quality of life for military housing.
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.

	FY2009($000)	Requested FY2010($000)	FYDP
Authorization	$20,000	$22,000	TBD
Authorization of Appropriation	$20,000	$22,000	TBD
Appropriation	$20,000	$22,000	TBD

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... APR 2009
(b) Percent Complete As Of January 2009..... .00
(c) Date 35% Designed..... DEC 2009
(d) Date Design Complete..... JUN 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

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Troop Housing, Ph 3	72605

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

	($000)
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	
(a) Production of Plans and Specifications.....	761
(b) All Other Design Costs.....	380
(c) Total Design Cost.....	1,141
(d) Contract.....	761
(e) In-house.....	380
(4) Construction Contract Award.....	AUG 2010
(5) Construction Start.....	SEP 2010
(6) Construction Completion.....	DEC 2011

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Bagram Air Base Afghanistan (Afghanistan Various)	Drainage System, Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	871	73124	Auth 21,000 Approp 21,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				14,946
Drainage Culverts	m (LF)	5,000 (16,404)	624.28	(3,121)
Open Trenching and Berms	m (LF)	3,400 (11,155)	282.56	(961)
Divert to Coyote Creek	m (LF)	1,150 (3,773)	9,248	(10,636)
Demining	m2 (SF)	47,000 (505,904)	4.85	(228)
SUPPORTING FACILITIES				3,343
Paving, Walks, Curbs & Gutters	LS	--	--	(777)
Site Imp(2,566) Demo( )	LS	--	--	(2,566)
ESTIMATED CONTRACT COST				18,289
CONTINGENCY (5.00%)				914
SUBTOTAL				19,203
SUPV, INSP & OVERHEAD (7.70%)				1,479
DESIGN/BUILD - DESIGN COST				768
TOTAL REQUEST				21,450
TOTAL REQUEST (ROUNDED)				21,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct drainage system to control flood waters that flow thru Bagram Airfield (BAF). Work will include drainage ditches, trenching berm at the entrance of Coyote Creek, swales, culverts, headwalls, wingwalls, catch basins, and demining. Supporting facilities include excavation, and pavements.

11. REQ: 8,400 m ADQT: NONE SUBSTD: 8,400 m

PROJECT: Construct the second phase of a Drainage System for Bagram Airfield (BAF).

REQUIREMENT: Design and construct the second phase of a comprehensive drainage system for BAF.

CURRENT SITUATION: BAF does not have a comprehensive plan for a drainage system. The base has only one Soviet-era drainage ditch that no longer functions. All other flood controls constructed on BAF prior to 2001 are collection systems, rather than drainage systems. Due to the expediency with which coalition forces first beddown at BAF, most of the facilites were constructed in low-lying areas surrounded on all sides by road and force protection barriers. This causes rain and flood waters to pond within the boundaries of each camp and can only be removed through evaporation.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Drainage System, Ph 2	73124

IMPACT IF NOT PROVIDED: Drainage projects are required in order to meet BAF's growing facility and mission requirements. Standing water degrades mission capability, damages government property, and increases health risk to personnel (e.g. malaria). BAF must have a properly working drainage system in order adequately support long-term mission requirements. Without a comprehensive drainage program, military personnel and facilities will face an annual risk of danger and damage due to flood waters.
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.

	FY2009($000)	Requested FY2010($000)
Authorization	$18,500	$21,000
Authorization of Appropriation	$18,500	$21,000
Appropriation	$18,500	$21,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	JUN 2010
(d) Date Design Complete	NOV 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	384
(b) All Other Design Costs	134
(c) Total Design Cost	518
(d) Contract	384
(e) In-house	134

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Drainage System, Ph 2	73124

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(4) Construction Contract Award..... MAY 2010

(5) Construction Start..... JUN 2010

(6) Construction Completion..... OCT 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Bagram Air Base Afghanistan (Afghanistan Various)	Access Roads

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	851	74134	Auth 21,000 Approp 21,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				16,900
Culverts	m (LF)	672 (2,205)	1,607	(1,080)
Roads	km (MI)	23.60 (14.67)	654,000	(15,434)
Retaining Structure	m (LF)	240 (787.40)	1,607	(386)
SUPPORTING FACILITIES				995
Site Imp(3) Demo(992)	LS	--	--	(995)
ESTIMATED CONTRACT COST				17,895
CONTINGENCY (5.00%)				895
SUBTOTAL				18,790
SUPV, INSP & OVERHEAD (7.70%)				1,447
DESIGN/BUILD - DESIGN COST				752
TOTAL REQUEST				20,989
TOTAL REQUEST (ROUNDED)				21,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct access roads. Primary facilities include grading, drainage, and paving.

11. REQ: 23 km ADQT: NONE SUBSTD: 23 km

PROJECT: Construct access roads that lead into Bagram Airfields three (3) primary entry control points (ECPs).

REQUIREMENT: This project is required to provide paved roads needed to support vehicle traffic and provide alternate routes to ease traffic flow and provide diversions for construction traffic. It is critical for emergency response vehicles to be able to reach all BAF Facilities.

CURRENT SITUATION: Traffic is very congested on BAF due to the limited number of paved/unpaved roads. There is currently only one paved asphalt road to support vehicle traffic. On the west side of the base, there is only one road that runs north to south. This significantly restricts movement, especially during an emergency or contingency situation. Also, smaller vehicles must yield to larger vehicles because the main paved road is narrow. The current perimeter road is gravel.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Access Roads	74134

IMPACT IF NOT PROVIDED: If not provided, Bagram's ability to react to a force protection threat or emergency will be severely impacted. Also, BAF will not have a complete transportation system to perform its mission. Congested roads greatly increase the risk of injury to personnel and damage to government equipment.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	JUN 2010
(d) Date Design Complete	NOV 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	375
(b) All Other Design Costs	131
(c) Total Design Cost	506
(d) Contract	375
(e) In-house	131

(4) Construction Contract Award	MAY 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAY 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Access Roads	74134

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		12 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Bagram Air Base Afghanistan (Afghanistan Various)	Command & Control Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	141	74136	Auth 4,500 Approp 4,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,632
Command And Control Facility	m2 (SF)	920 (9,903)	2,173	(1,999)
Antiterrorism Measures	LS	--	--	(51)
Building Information Systems	LS	--	--	(582)
SUPPORTING FACILITIES				1,326
Electric Service	LS	--	--	(456)
Water, Sewer, Gas	LS	--	--	(225)
Paving, Walks, Curbs & Gutters	LS	--	--	(150)
Storm Drainage	LS	--	--	(42)
Site Imp(225) Demo( )	LS	--	--	(225)
Information Systems	LS	--	--	(163)
Antiterrorism Measures	LS	--	--	(65)
ESTIMATED CONTRACT COST				3,958
CONTINGENCY (5.00%)				198
SUBTOTAL				4,156
SUPV, INSP & OVERHEAD (7.70%)				320
TOTAL REQUEST				4,476
TOTAL REQUEST (ROUNDED)				4,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a Command & Control Facility. Facilities will provide all necessary administrative areas, latrines and supporting infrastructure to include electrical distribution, communication (fiber optic) distribution, water and sewage distribution systems, mechanical systems, roads, drainage, and parking. Antiterrorism/Force Protection measures are included.

11. REQ: 920 m2 ADQT: NONE SUBSTD: 920 m2

PROJECT: Construct a Command & Control Facility to support an assigned Brigade or Battalion at Bagram, Afghanistan. (Current Mission)

REQUIREMENT: The assigned brigades or battalions require a headquarters facility for Command & Control, to accommodate staff offices for the command structure and for other functions such as logistics, maintenance, and personnel. An area in compliance with sensitive compartmented information facility (SCIF) criteria is required within the Command and Control Facility. Adequate facilities do not exist to support this requirement.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require additional facilities to support assigned rotational forces. Adequate facilities do not exist to support this new requirement.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		12 MAY 2009

3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Command & Control Facility	74136

IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate command and control facility to support an assigned brigade or battalion for command and control being deployed to the Afghanistan AOR. Without a facility to provide command & control, 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	MAY 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	166
(b) All Other Design Costs	83
(c) Total Design Cost	249
(d) Contract	166
(e) In-house	83

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010
(6) Construction Completion	AUG 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		12 MAY 2009

3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Command & Control Facility	74136

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Bagram Air Base Afghanistan (Afghanistan Various)	MedLog Warehouse

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
			Auth 3,350
01010A	141	74154	Approp 3,350

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,472
Controlled Humidity Warehouse	m2 (SF)	800 (8,611)	1,698	(1,359)
Antiterrorism Measures	LS	--	--	(14)
Building Information Systems	LS	--	--	(99)
SUPPORTING FACILITIES				1,473
Electric Service	LS	--	--	(153)
Water, Sewer, Gas	LS	--	--	(350)
Paving, Walks, Curbs & Gutters	LS	--	--	(630)
Site Imp(136) Demo( )	LS	--	--	(136)
Information Systems	LS	--	--	(53)
Communication Lines, Undergroun	LS	--	--	(151)
ESTIMATED CONTRACT COST				2,945
CONTINGENCY (5.00%)				147
SUBTOTAL				3,092
SUPV, INSP & OVERHEAD (7.70%)				238
TOTAL REQUEST				3,330
TOTAL REQUEST (ROUNDED)				3,350
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct an Medical Logistics (MedLog) Warehouse as the main storage and distribution center for RC East as well as Combined Joint Operations Area (CJOA) wide for all medicial supplies. Primary facility is a large storage warehouse with climate control with associated site work, reinforced concrete slab, interior lighting, fire suppression, and interior climate control. Supporting facilities includes pavements, site improvements, electrical & utility infrastructure, and information systems, and all other necessary support.

11. REQ: 800 m2 ADQT: NONE SUBSTD: 800 m2

PROJECT: Construct a Controlled Humidity Warehouse to support the MedLog function, operations, and storage at Bagram Air Base, Afghanistan.

REQUIREMENT: The existing MedLog facility is located behind the flightline at BAF. This facility must be vacated due to an Air Force project in FY11 which expands the medevac helipad. This project is required to provide a properly sized and functionally configured facility to be the central storage and distribution center for all of RC-East and US forces in the rest of CJOA.

CURRENT SITUATION: The current Medlog Facility is undersized and does not provide a controlled humidity environment to store medical supplies. Refrigeration units are used to provide storage for humidity/temperature

CURRENT SITUATION: (CONTINUED)
sensitive medical supplies. The administrative offices, medical equipment maintenance, and other specialties operate from MILVANs since there is no space within the storage facility.
IMPACT IF NOT PROVIDED: Without this project, medical supplies and essential medical assets will not have a centralized operational facility and humidity controlled warehouse to support US medical facilities in Afghanistan. Proper managment and storage of medical supplies is vital to the health and lives of troops supporting the Afghanistan warfighting 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	JUN 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	60
(b) All Other Design Costs	21
(c) Total Design Cost	81
(d) Contract	60
(e) In-house	21

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
MedLog Warehouse	74154

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Blessing Afghanistan (Afghanistan Various)	Waste Management Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74160	Auth 5,600 Approp 5,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,651
Incinerator Units	kg (TON)	14,515 (16)	221.84	(3,220)
Recycling Fac	EA	1 --	100,000	(100)
Ash Landfill	m2 (SF)	2,462 (26,501)	137.35	(338)
Hazardous Waste Storage	EA	1 --	100,000	(100)
Covered Storage & Sorting Fac	m2 (SF)	696.77 (7,500)	1,066	(743)
Total from Continuation page				(150)
SUPPORTING FACILITIES				300
Electric Service	LS	--	--	(120)
Water, Sewer, Gas	LS	--	--	(14)
Paving, Walks, Curbs & Gutters	LS	--	--	(1)
Site Imp(155) Demo( )	LS	--	--	(155)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				4,951
CONTINGENCY (5.00%)				248
SUBTOTAL				5,199
SUPV, INSP & OVERHEAD (7.70%)				400
TOTAL REQUEST				5,599
TOTAL REQUEST (ROUNDED)				5,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Area. Primary facilities include 16 ton per day incinerator (multiple units), covered storage and sorting facility, ash landfill, hazardous waste collection and administrative facility. Supporting facilities include electrical service, utilities, site improvements, and pavements.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Area at Camp Blessing, Konar Province, Afghanistan.

REQUIREMENT: Blessing is a Battalion-sized camp that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management area is required to meet environmental requirements at Blessing. This facility will ensure proper stewardship of Afghanistan's environment.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Administrative Fac	m2 (SF)	60.39 (650)	1,991	(120)
Antiterrorism Measures	LS	--	--	(30)
			Total	150

IMPACT IF NOT PROVIDED: Without this project, Blessing will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	208
(b) All Other Design Costs	105
(c) Total Design Cost	313
(d) Contract	209
(e) In-house	104

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Blessing, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74160

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Bostick Afghanistan (Afghanistan Various)	Waste Management Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74122	Auth 5,500 Approp 5,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,451
Incinerator Unit	kg (TON)	14,515 (16)	221.84	(3,220)
Covered Storage & Sorting Fac	m2 (SF)	696.77 (7,500)	1,066	(743)
Ash Landfill	m2 (SF)	2,462 (26,500)	137.35	(338)
Waste Management Office	m2 (SF)	60.39 (650)	1,991	(120)
Antiterrorism Measures	LS	--	--	(30)
SUPPORTING FACILITIES				381
Electric Service	LS	--	--	(129)
Water, Sewer, Gas	LS	--	--	(99)
Paving, Walks, Curbs & Gutters	LS	--	--	(69)
Site Imp(74) Demo( )	LS	--	--	(74)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				4,832
CONTINGENCY (5.00%)				242
SUBTOTAL				5,074
SUPV, INSP & OVERHEAD (7.70%)				391
TOTAL REQUEST				5,465
TOTAL REQUEST (ROUNDED)				5,500
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Area. Primary facilities include 16 ton per day incinerator (multiple units), covered storage and sorting facility, an administrative facility, and an ash landfill. Supporting facilities include electrical service, utilities, site improvements, pavements and appropriate drainage.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Area at FOB Bostick, Nuristan Province, Afghanistan.

REQUIREMENT: Bostick is a Battalion-sized FOB that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management area is required to meet environmental requirements at Bostick. This facility will ensure proper stewardship of Afghanistan's environment.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Bostick, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74122

IMPACT IF NOT PROVIDED: Without this project, Bostick will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	203
(b) All Other Design Costs	101
(c) Total Design Cost	304
(d) Contract	203
(e) In-house	101

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Bostick, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74122

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Dwyer Afghanistan (Afghanistan Various)	Fuel System, Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	411	74147	Auth 5,800 Approp 5,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,541
Fuel Storage System, Tanks/Pump	m3l(BL)	1,153 (7,252)	2,752	(3,173)
POL Pipeline, Underground	m (LF)	350 (1,148)	750.00	(263)
Containment Berms	LS	--	--	(100)
Building Information Systems	LS	--	--	(5)
SUPPORTING FACILITIES				1,578
Electric Service	LS	--	--	(411)
Water, Sewer, Gas	LS	--	--	(276)
Paving, Walks, Curbs & Gutters	LS	--	--	(141)
Storm Drainage	LS	--	--	(101)
Site Imp(564) Demo( )	LS	--	--	(564)
Information Systems	LS	--	--	(15)
Antiterrorism Measures	LS	--	--	(70)
ESTIMATED CONTRACT COST				5,119
CONTINGENCY (5.00%)				256
SUBTOTAL				5,375
SUPV, INSP & OVERHEAD (7.70%)				414
TOTAL REQUEST				5,789
TOTAL REQUEST (ROUNDED)				5,800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct fuel distribution & storage system. Project includes storage tanks, secondary containment, offload & upload points, pumping & pump houses, metering, filtering, all related mechanical systems, lighting protection, and operational administrative office facility. Supporting facilities include all site work, security fencing & lighting, and electrical, water, sewer, & storm drainage systems.

11. REQ: 3,785 m3l ADQT: NONE SUBSTD: 3,785 m3l

PROJECT: Construct phase one of the fuel storage & distribution system at Camp Dwyer, Afghanistan.

REQUIREMENT: Camp Dwyer requires the capability to store and dispense approx 1,000,000 gallons of fuel in support of air & land operations for Operation Enduring Freedom (OEF).

CURRENT SITUATION: Currently, Dwyer is rapidly expanding to meet a surge in troops and operations to RC-S. There are several large facility projects planned for Dwyer that will require a large amounts of fuel to operate.

IMPACT IF NOT PROVIDED: Without this project, Dwyer will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss of the

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Dwyer, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Fuel System, Ph 1	74147

IMPACT IF NOT PROVIDED: (CONTINUED)
FOB's critical fuel supply.
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.

	Requested FY2010($000)	FYDP
Authorization	$5,800	TBD
Authorization of Appropriation	$5,800	TBD
Appropriation	$5,800	TBD

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	MAY 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	205
(b) All Other Design Costs	102
(c) Total Design Cost	307
(d) Contract	205
(e) In-house	102

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	MAY 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Dwyer, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Fuel System, Ph 1	74147

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Dwyer Afghanistan (Afghanistan Various)	Waste Management Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74171	Auth 6,900 Approp 6,900

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,593
Incinerator Units	kg (TON)	14,515 (16)	228.18	(3,312)
Recycling Facility	EA	1 --	150,000	(150)
Compost Facility	EA	1 --	100,000	(100)
Medical Incinerator	EA	1 --	650,000	(650)
Hazardous Waste Storage	EA	1 --	150,000	(150)
Total from Continuation page				(1,231)
SUPPORTING FACILITIES				513
Electric Service	LS	--	--	(140)
Water, Sewer, Gas	LS	--	--	(88)
Paving, Walks, Curbs & Gutters	LS	--	--	(45)
Storm Drainage	LS	--	--	(25)
Site Imp(205) Demo( )	LS	--	--	(205)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				6,106
CONTINGENCY (5.00%)				305
SUBTOTAL				6,411
SUPV, INSP & OVERHEAD (7.70%)				494
TOTAL REQUEST				6,905
TOTAL REQUEST (ROUNDED)				6,900
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Area. Primary facilities include 16 Ton incinerator (multiple units), covered storage and sorting facility, an administrative facility, compost facility, medical incinerator, hazardous waste storage, and an ash landfill. Supporting facilities include utilities, site improvements, pavements and drainage.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Area at Camp Dwyer, Afghanistan.

REQUIREMENT: Dwyer is a Battalion-sized Camp 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 regulations. 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.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Dwyer, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Complex	74171

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Ash Landfill	m2	(SF)	2,462	(26,500)	137.35	(338)
Covered Storage & Sorting Fac	m2	(SF)	696.77	(7,500)	1,066	(743)
Admin Fac	m2	(SF)	60.39	(650)	1,991	(120)
Antiterrorism Measures	LS		--		--	(30)
					Total	1,231

IMPACT IF NOT PROVIDED: Without this project, Dwyer will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	
(b) All Other Design Costs	384
(c) Total Design Cost	384
(d) Contract	256
(e) In-house	128

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Dwyer, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Complex	74171

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Dwyer Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	722	74324	Auth 2,200 Approp 2,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,092
Dining Facility,	m2 (SF)	535 (5,759)	1,330	(712)
Information Systems	LS	--	--	(32)
Kitchen Module w/Equipment	m2 (SF)	53 (570.49)	4,483	(238)
Standby Generator	kWe(KW)	300 (300)	366.24	(110)
SUPPORTING FACILITIES				865
Electric Service	LS	--	--	(300)
Water, Sewer, Gas	LS	--	--	(260)
Paving, Walks, Curbs & Gutters	LS	--	--	(175)
Storm Drainage	LS	--	--	(30)
Site Imp(60) Demo( )	LS	--	--	(60)
Antiterrorism Measures	LS	--	--	(20)
Communications	LS	--	--	(20)
ESTIMATED CONTRACT COST				1,957
CONTINGENCY (5.00%)				98
SUBTOTAL				2,055
SUPV, INSP & OVERHEAD (7.70%)				158
TOTAL REQUEST				2,213
TOTAL REQUEST (ROUNDED)				2,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a Dining Facility. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, mechanical systems, and building information systems. Feeding capacity is 1000 persons per meal; seating capacity is provided to support the desired number of personnel and seatings during each meal period. 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 procured with other funding. Antiterrorism/Force Protection measures will be included.

11. REQ: 1,000 PN ADQT: NONE SUBSTD: 1,000 PN

PROJECT: Construct a Dining Facility (DFAC) for 1000 personnel at Camp Dwyer, Afghanistan.

REQUIREMENT: US Forces have an immediate operational need for the expansion of the Camp Dwyer to meet operational requirements in RC-East, Afghanistan. In order to facilitate the US mission and its command & control element, all support facilities must be collocated on the Dwyer.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Dwyer does not currently have a capacity to accommodate all in-coming

CURRENT SITUATION: (CONTINUED)
forces.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 1000 personnel or maintain higher standards of sanitary cooking and food preparation area. Without a place to properly cook and serve meals, US forces stationed at Dwyer are subject 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	438
(c) Total Design Cost	438
(d) Contract	292
(e) In-house	146

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Dwyer, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	74324

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Dwyer Afghanistan (Afghanistan Various)	Contingency Housing, Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	74326	Auth 8,600 Approp 8,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,368
Relocatable Housing Foundation	EA	15 --	93,300	(1,400)
Non-Recoverable Comp./Erection	EA	15 --	92,300	(1,385)
Roads	LS	--	--	(583)
SUPPORTING FACILITIES				4,222
Electric Service	LS	--	--	(1,184)
Water, Sewer, Gas	LS	--	--	(1,100)
Paving, Walks, Curbs & Gutters	LS	--	--	(226)
Storm Drainage	LS	--	--	(145)
Site Imp(867) Demo( )	LS	--	--	(867)
Antiterrorism Measures	LS	--	--	(700)
ESTIMATED CONTRACT COST				7,590
CONTINGENCY (5.00%)				380
SUBTOTAL				7,970
SUPV, INSP & OVERHEAD (7.70%)				614
TOTAL REQUEST				8,584
TOTAL REQUEST (ROUNDED)				8,600
INSTALLED EQT-OTHER APPROP				(10,000)

10.Description of Proposed Construction Construct Contingency Housing to replace expeditionary housing facilities. Facilities will provide necessary housing and latrines for approximately 1100 personnel. Primary facilities will include concrete pads, assembly and installation of Relocatable Buildings (RLBs), associated stairways, and hallways. RLBs for housing will be purchased with other appropriations. Supporting facilities include site preparation, pavement, site infrastructure, heating/ventilation and air conditioning (HVAC), and information systems. Antiterrorism/Force Protection measure are included.

11. REQ: 3,500 PN ADQT: 200 PN SUBSTD: 3,300 PN

PROJECT: Construct the first phase of contingency housing at Camp Dwyer, Afghanistan. (Current Mission)

REQUIREMENT: The Army has an immediate need for housing facilities at Camp Dwyer to meet requirements in Regional Command-South(RC-S) Afghanistan. US Forces are housed in expeditionary facilities such as tents and plywood & wood frame huts, which do not provide adequate protection from enemy fire and extreme weather conditions.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Dwyer, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Contingency Housing, Ph 1	74326

CURRENT SITUATION: Personnel based at Camp Dwyer are housed in expeditionary housing, such as tents or plywood & wood frame huts. These buildings are expeditionary in nature and have a maximum 3-5 year life span. Because of their expeditionary construction, they pose a safety and health risk and are extremely vulnerable to fire. The inefficient mechanical systems cannot heat or cool to acceptable standards. Due to an absence of insulation, winter temperatures inside the plywood & wood frame huts drop below freezing.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have adequate, safe housing after being deployed to Afghanistan. US Forces will continue living in tents and plywood & wood frame huts that provide no protection from enemy fire or extreme weather conditions. The combat readiness of personnel is negatively impacted due to living in tents or plywood & wood frame huts that pose a fire hazard and are not insulated for continuous exposure to the elements. The plywood & wood frame huts will have to be replaced on a case-by-case basis, diverting funds away from the warfighter missions in order to improve the safety and quality of life for military housing.
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.

	Requested FY2010($000)	FYDP
Authorization	$8,600	TBD
Authorization of Appropriation	$8,600	TBD
Appropriation	$8,600	TBD

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	APR 2009
(b) Percent Complete As Of January 2009.....	.00
(c) Date 35% Designed.....	NOV 2010
(d) Date Design Complete.....	MAR 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

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

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Dwyer, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Contingency Housing, Ph 1	74326

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(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.....	301
(b)	All Other Design Costs.....	150
(c)	Total Design Cost.....	451
(d)	Contract.....	301
(e)	In-house.....	150

(4) Construction Contract Award..... JUN 2010

(5) Construction Start..... JUL 2010

(6) Construction Completion..... MAY 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Relocatable Housing	2010	2010	10,000
		TOTAL	10,000

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Dwyer Afghanistan (Afghanistan Various)	Contingency Housing, Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	74330	Auth 6,900 Approp 6,900

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,075
Relocatable Housing Foundations	EA	15 --	93,300	(1,400)
Non-Recov Components/Erection	EA	15 --	92,300	(1,385)
Roads	LS	--	--	(275)
Antiterrorism Measures	LS	--	--	(15)
SUPPORTING FACILITIES				2,990
Electric Service	LS	--	--	(781)
Water, Sewer, Gas	LS	--	--	(735)
Paving, Walks, Curbs & Gutters	LS	--	--	(115)
Storm Drainage	LS	--	--	(109)
Site Imp(1,050) Demo( )	LS	--	--	(1,050)
Antiterrorism Measures	LS	--	--	(200)
ESTIMATED CONTRACT COST				6,065
CONTINGENCY (5.00%)				303
SUBTOTAL				6,368
SUPV, INSP & OVERHEAD (7.70%)				490
TOTAL REQUEST				6,858
TOTAL REQUEST (ROUNDED)				6,900
INSTALLED EQT-OTHER APPROP				(10,500)

10.Description of Proposed Construction Construct Contingency Housing facilities to support 1,100 personnel. Primary facilities will include concrete pads and assembly/installation of Relocatable Buildings (RLBs), associated stairways, and hallways. RLBs to be used for housing will be purchased with other appropriations. Supporting facilities include site preparation, pavement, site infrastructure, heating/ventilation and air conditioning (HVAC), and information systems, etc. Antiterrorism/Force Protection measures are included.

11. REQ: 3,500 PN ADQT: 1,100 PN SUBSTD: 2,200 PN

PROJECT: Construct Contingency Housing, Ph 2, at Camp Dwyer, Afghanistan. (Current Mission)

REQUIREMENT: The Army has an immediate need for housing facilities at Camp Dwyer to meet requirements in southern Afghanistan. US Forces are housed in expeditionary facilities such as tents and plywood & wood frame huts, which do not provide adequate protection from enemy fire and extreme weather conditions.

CURRENT SITUATION: Personnel based at Camp Dwyer are housed in expeditionary housing, such as tents or plywood & wood frame huts. These buildings are expeditionary in nature and have a maximum 3-5 year life span. Because of

CURRENT SITUATION: (CONTINUED)
their expeditionary construction, they pose a safety and health risk and are extremely vulnerable to fire. The inefficient mechanical systems cannot heat or cool to acceptable standards. Due to an absence of insulation, winter temperatures inside the plywood & wood frame huts drop below freezing.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have adequate, safe housing after being deployed to Afghanistan. US Forces will continue living in tents and plywood & wood frame huts that provide no protection from enemy fire or extreme weather conditions. The combat readiness of personnel is negatively impacted due to living in tents or plywood & wood frame huts that pose a fire hazard and are not insulated for continuous exposure to the elements. The plywood & wood frame huts will have to be replaced on a case-by-case basis, diverting funds away from the warfighter missions in order to improve the safety and quality of life for military housing.
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.

	FY2009($000)	Requested FY2010($000)	FYDP
Authorization	$10,800	$6,900	TBD
Authorization of Appropriation	$10,800	$6,900	TBD
Appropriation	$10,800	$6,900	TBD

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... APR 2009
(b) Percent Complete As Of January 2009..... .00
(c) Date 35% Designed..... DEC 2009
(d) Date Design Complete..... JUN 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

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Dwyer, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Contingency Housing, Ph 2	74330

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications.....	241
(b) All Other Design Costs.....	121
(c) Total Design Cost.....	362
(d) Contract.....	241
(e) In-house.....	121
(4) Construction Contract Award.....	JUL 2010
(5) Construction Start.....	AUG 2010
(6) Construction Completion.....	AUG 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
RLB Housing Units		2009	10,000
RLB Shwr/Lat		2009	500
		TOTAL	10,500

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Frontenac Afghanistan (Afghanistan Various)	Contingency Housing

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	610	73195	Auth 3,800 Approp 3,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,413
Community Activities Center	m2 (SF)	280 (3,014)	2,650	(742)
Relocatable Housing Foundation	EA	9 --	93,300	(840)
Non-Recov Componentas/Erection	EA	9 --	92,300	(831)
SUPPORTING FACILITIES				959
Electric Service	LS	--	--	(249)
Water, Sewer, Gas	LS	--	--	(405)
Paving, Walks, Curbs & Gutters	LS	--	--	(45)
Storm Drainage	LS	--	--	(55)
Site Imp(175) Demo( )	LS	--	--	(175)
Antiterrorism Measures	LS	--	--	(30)
ESTIMATED CONTRACT COST				3,372
CONTINGENCY (5.00%)				169
SUBTOTAL				3,541
SUPV, INSP & OVERHEAD (7.70%)				273
TOTAL REQUEST				3,814
TOTAL REQUEST (ROUNDED)				3,800
INSTALLED EQT-OTHER APPROP				(3,500)

10.Description of Proposed Construction Construct Contingency Housing to replace expeditionary housing facilities for approximately 670 personnel. Primary facilities will include concrete pads and assembly and installation of Relocatable Buildings (RLBs), associated stairways, and hallways. RLBs will be purchased with other appropriations. Supporting facilities include site preparation, pavement, site infrastructure, heating/ventilation and air conditioning (HVAC), and information systems. Antiterrorism/Force Protection measures are included.

11. REQ: 670 PN ADQT: NONE SUBSTD: 670 PN

PROJECT: Construct Contingency Housing at Frontenac, Afghanistan. (Current Mission)

REQUIREMENT: The Army has an immediate need for housing facilities at Contingency Operating Base(COB) Frontenac to meet requirements in Regional Command-South (RC-S) Afghanistan. US Forces are housed in expeditionary facilities such as tents and plywood & wood frame huts, which do not provide adequate protection from enemy fire and extreme weather conditions.

CURRENT SITUATION: Personnel based at COB Frontenac are housed in expeditionary housing, such as tents or plywood & wood frame huts. These buildings are expeditionary in nature and have a maximum 3-5 year life span.

CURRENT SITUATION: (CONTINUED)
Because of their expeditionary construction, they also pose an increased safety and health risk and are extremely vulnerable to fire. The inefficient mechanical systems cannot heat or cool to acceptable standards. Also, due to an absence of insulation, winter temperatures inside the plywood & wood frame huts drop below freezing.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have adequate, safe housing after being deployed to Afghanistan. US Forces will continue living in tents and plywood & wood frame huts that provide no protection from enemy fire or extreme weather conditions. The combat readiness of personnel is negatively impacted due to living in tents or plywood & wood frame huts that pose a fire hazard and are not insulated for continuous exposure to the elements. The plywood & wood frame huts will have to be replaced on a case-by-case basis, diverting funds away from the warfighter missions in order to improve the safety and quality of life for military housing.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	JUN 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	133
(b) All Other Design Costs	66
(c) Total Design Cost	199
(d) Contract	133
(e) In-house	66

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Frontenac, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Contingency Housing	73195

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... JUL 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Relocatable Housing	2010	2010	3,500
		TOTAL	3,500

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Frontenac Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	722	73228	Auth 2,200 Approp 2,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,060
Dining Facility	m2 (SF)	535 (5,759)	1,330	(712)
Kitchen Module w/Equipment	m2 (SF)	53 (570.49)	4,483	(238)
Standby Generator	kWe(KW)	300 (300)	366.24	(110)
SUPPORTING FACILITIES				905
Electric Service	LS	--	--	(300)
Water, Sewer, Gas	LS	--	--	(260)
Paving, Walks, Curbs & Gutters	LS	--	--	(175)
Storm Drainage	LS	--	--	(30)
Site Imp(100) Demo( )	LS	--	--	(100)
Antiterrorism Measures	LS	--	--	(20)
Communication Lines	LS	--	--	(20)
ESTIMATED CONTRACT COST				1,965
CONTINGENCY (5.00%)				98
SUBTOTAL				2,063
SUPV, INSP & OVERHEAD (7.70%)				159
TOTAL REQUEST				2,222
TOTAL REQUEST (ROUNDED)				2,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a Dining Facility. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, and mechanical systems. Feeding capacity is 1000 persons per meal; seating capacity is provided to support the desired number of personnel and seatings during each meal period. 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. Antiterrorism/Force Protection will be included.

11. REQ: 1,000 PN ADQT: NONE SUBSTD: 1,000 PN

PROJECT: Construct a Dining Facility to support 1000 personnel at FOB Frontenac, Afghanistan.

REQUIREMENT: US Forces have an immediate operational need for the expansion of the Forward Operating Base Frontenac to meet operational requirements in RC-South, Afghanistan. In order to facilitate the US mission and its command & control element, all support facilities must be collocated on COB Frontenac.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Frontenac does not currently have a sustaining capacity to

CURRENT SITUATION: (CONTINUED)
appropriately accommodate all in-coming forces.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 1000 personnel or maintain high standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Frontenac are subject 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	429
(c) Total Design Cost	429
(d) Contract	286
(e) In-house	143

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Frontenac, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	73228

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Gardez Afghanistan (Afghanistan Various)	Tactical Runway

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	111	73420	Auth 28,000 Approp 28,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				17,403
Tactical Runway	m2 (SF)	62,600 (673,821)	250.00	(15,650)
Runway Overrun Area	m2 (SF)	3,000 (32,292)	75.00	(225)
Shoulders	m2 (SF)	13,700 (147,466)	75.00	(1,028)
Runway/Taxiway Lighting	LS	--	--	(500)
SUPPORTING FACILITIES				7,671
Electric Service	LS	--	--	(2,000)
Site Imp(5,485) Demo( )	LS	--	--	(5,485)
Airfield Pavement Markings	LS	--	--	(186)
ESTIMATED CONTRACT COST				25,074
CONTINGENCY (5.00%)				1,254
SUBTOTAL				26,328
SUPV, INSP & OVERHEAD (7.70%)				2,027
TOTAL REQUEST				28,355
TOTAL REQUEST (ROUNDED)				28,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a 2,135 m long, paved runway, for C-130/C-17 aircraft. Primary facilities include pavement, markings and other necessary site improvements. Supporting facilities include site improvements and drainage.

11. REQ: 62,600 m2 ADQT: NONE SUBSTD: 62,600 m2

PROJECT: Construct Tactical Runway at Forward Operating Base Gardez, Afghanistan.

REQUIREMENT: Planned force beddown at this location requires a tactical airstrip (2135m long x 29.3m wide) capable of supporting C-130 and C-17 operations in year-round conditions. Force beddown at FOB Gardez may include any combination of the following: counterinsurgency/ground combat units, police mentoring/training teams, headquarters units, support units, and combat aviation. These missions will initially require substantial tactical airlift capability at the base for the movement of personnel and materiel, and will continue to require airlift to support sustained ground operations in Eastern Afghanistan.

CURRENT SITUATION: Gardez is essentially a "greenfield" site, supporting a small detachment of Army personnel, and has no airlift capability. The base is served by ground transport along dangerous, frequently attacked/IED-set

CURRENT SITUATION: (CONTINUED)
portions of Afghanistan's ring road, putting operational and supply convoys at constant risk. It is one of a handful of critical beddown locations for a ground-forces in Eastern Afghanistan, and requires this capability to support an increase in logistical support during the base's buildup and future operations. This project is necessary to enable increased force posture in Afghanistan.
IMPACT IF NOT PROVIDED: If this project is not funded, the commanders in Afghanistan will face unacceptable risk sustaining forces because the logistics concept of operations will be impossible to execute. The facilities at the existing air hubs, Bagram and Kandahar, are currently overextended (not able to meet the full daily demand for airlift) and unable to support the demands of additional forces. The required increase to airlift capacity cannot be satisfied by increased reliance on ground transportation. Several sensitive categories of materials must be delivered by air. Additionally, the current operational concept accepts significant risk by increasing ground flows across the Pakistan / Afghanistan border by 100% to 500%.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	JUL 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	1,053
(b) All Other Design Costs	526
(c) Total Design Cost	1,579
(d) Contract	1,053
(e) In-house	526

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Gardez, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Tactical Runway	73420

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... MAY 2012

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Gardez Afghanistan (Afghanistan Various)	Contingency Housing

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	74162	Auth 8,400 Approp 8,400

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,535
Relocatable Housing Foundation	EA	15 --	93,300	(1,400)
Non-Recov. Components/Erection	EA	15 --	92,300	(1,385)
Roads	LS	--	--	(750)
SUPPORTING FACILITIES				3,866
Electric Service	LS	--	--	(823)
Water, Sewer, Gas	LS	--	--	(1,078)
Paving, Walks, Curbs & Gutters	LS	--	--	(200)
Storm Drainage	LS	--	--	(165)
Site Imp(1,050) Demo( )	LS	--	--	(1,050)
Antiterrorism Measures	LS	--	--	(550)
ESTIMATED CONTRACT COST				7,401
CONTINGENCY (5.00%)				370
SUBTOTAL				7,771
SUPV, INSP & OVERHEAD (7.70%)				598
TOTAL REQUEST				8,369
TOTAL REQUEST (ROUNDED)				8,400
INSTALLED EQT-OTHER APPROP				(10,000)

10.Description of Proposed Construction Construct Contingency Housing to replace expeditionary housing facilities for approximately 1100 personnel at Forward Operating Base (FOB) Gardez, Afghanistan. Primary facilities will include concrete pads and assembly and installation of Relocatable Buildings (RLBs), associated stairways, and hallways. RLBs will be purchased with other appropriations. Supporting facilities include site preparation, pavement, site infrastructure, heating/ventilation and air conditioning (HVAC), and information systems. Antiterrorism/Force Protection measures are included.

11. REQ: 1,100 PN ADQT: NONE SUBSTD: 1,100 PN

PROJECT: Construct contingency housing at Gardez, Afghanistan. (Current Mission)

REQUIREMENT: The Army has an immediate need for additional housing at FOB Gardez to support operational requirements in eastern Afghanistan. There is a lack of housing assets at Gardez to provide for in-coming US Forces and there are no available expeditionary assets such as Force Provider or Harvest Falcon.

CURRENT SITUATION: Personnel are housed in tents or plywood & wood frame huts until adequate housing can be provided. This type of housing is meant for initial operating capability (IOC) purposes only and offer zero protection

CURRENT SITUATION: (CONTINUED)
from direct fire, indirect fire, exploded fragmentation, or extreme weather conditions.
IMPACT IF NOT PROVIDED: Additional US Forces will augment current forces in eastern Afghanistan and will require housing for rotational forces. If this project is not funded, additional US Forces will not have adequate, safe housing after being deployed to Afghanistan. US Forces will continue living if tents and plywood & wood frame huts that provide no protection from enemy fire or extreme weather conditions.
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.

	Requested FY2010($000)
Authorization	$8,400
Authorization of Appropriation	$8,400
Appropriation	$8,400

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	JUN 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	294
(b) All Other Design Costs	147
(c) Total Design Cost	441
(d) Contract	294

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Gardez, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Contingency Housing	74162

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house..... 147

(4) Construction Contract Award..... AUG 2010

(5) Construction Start..... SEP 2010

(6) Construction Completion..... DEC 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Relocatable Housing	2010	2010	10,000
		TOTAL	10,000

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Gardez Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	722	74250	Auth 2,200 Approp 2,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,112
Dining Facility,	m2 (SF)	535 (5,759)	1,330	(712)
Information Systems	LS	--	--	(52)
Kitchen Module w/Equipment	m2 (SF)	53 (570.49)	4,483	(238)
Standby Generator	kWe(KW)	300 (300)	366.24	(110)
SUPPORTING FACILITIES				815
Electric Service	LS	--	--	(250)
Water, Sewer, Gas	LS	--	--	(260)
Paving, Walks, Curbs & Gutters	LS	--	--	(175)
Storm Drainage	LS	--	--	(30)
Site Imp(60) Demo( )	LS	--	--	(60)
Antiterrorism Measures	LS	--	--	(20)
Communication	LS	--	--	(20)
ESTIMATED CONTRACT COST				1,927
CONTINGENCY (5.00%)				96
SUBTOTAL				2,023
SUPV, INSP & OVERHEAD (7.70%)				156
TOTAL REQUEST				2,179
TOTAL REQUEST (ROUNDED)				2,200
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Dining Facility. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, and mechanical systems. Feeding capacity is 1000 persons per meal; seating capacity is provided to support the desired number of personnel and seating during each meal period. 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. Antiterrorism/Force Protection measures will be included.

11. REQ: 1,000 PN ADQT: NONE SUBSTD: 1,000 PN

PROJECT: Construct a Dining Facility (DFAC) for 1000 personnel at Forward Operating Base Gardez, Afghanistan. (Current Mission)

REQUIREMENT: US Forces have an immediate operational need for the expansion of the Forward Operating Base Gardez to meet operational requirements in Regional Command-East, Afghanistan. In order to facilitate the US mission and its command & control element, all support facilities must be collocated on the COB Gardez.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Gardez, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	74250

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Gardez does not currently have a sustaining capacity to appropriately accommodate all in-coming forces.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 1000 personnel or maintain high standards of sanitary cooking and food preparation. Without a place to properly cook, serve and partake in meals, US forces stationed at Gardez are subject 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	438
(c) Total Design Cost	438
(d) Contract	292
(e) In-house	146

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Gardez, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	74250

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Gardez Afghanistan (Afghanistan Various)	Fuel System, Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	411	74251	Auth 6,000 Approp 6,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,693
Fuel Stor Sys (tanks,pumps,etc)	m3l(BL)	1,153 (7,252)	2,752	(3,173)
POL Pipeline, Underground	m (LF)	500 (1,640)	750.00	(375)
Containment Berms	LS	--	--	(140)
Building Information Systems	LS	--	--	(5)
SUPPORTING FACILITIES				1,650
Electric Service	LS	--	--	(375)
Water, Sewer, Gas	LS	--	--	(248)
Paving, Walks, Curbs & Gutters	LS	--	--	(144)
Storm Drainage	LS	--	--	(103)
Site Imp(614) Demo( )	LS	--	--	(614)
Information Systems	LS	--	--	(15)
Antiterrorism Measures	LS	--	--	(51)
Information Systems	LS	--	--	(100)
ESTIMATED CONTRACT COST				5,343
CONTINGENCY (5.00%)				267
SUBTOTAL				5,610
SUPV, INSP & OVERHEAD (7.70%)				432
TOTAL REQUEST				6,042
TOTAL REQUEST (ROUNDED)				6,000
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a fuel distribution & storage system. Project includes storage tanks, secondary containment, offload & upload points, pumping & pump houses, metering, filtering, all related mechanical systems, lighting protection, and operational administrative office facility. Supporting facilities includes site work, security fencing & lighting, and electrical, water, sewer, & storm drainage systems.

11. REQ: 3,785 m3l ADQT: NONE SUBSTD: 3,785 m3l

PROJECT: Construct phase one of the fuel storage & distribution system at Forward Operating Base Gardez, Afghanistan. This phase provides 1153 m3l of the total requirement.

REQUIREMENT: Forward Operating Base (FOB) Gardez requires the capability to store and dispense approx 1,000,000 gallons (3,785 m3l) of fuel in support of air & land operations in support of Operation Enduring Freedom (OEF). There are several large facility projects planned for Gardez, including a runway, housing, and dining facility that will require a large amounts of fuel to operate.

CURRENT SITUATION: Currently, FOB Gardez is rapidly expanding to meet a surge in troops and operations to Regional Command-South (RC-S). Fuel is supplied by delivery trucks and stored in expeditionary fuel bladders. There

CURRENT SITUATION: (CONTINUED)
are significant delays in delivery due to weather and road conditions, and thus impacting operational requirements. Plus the fuel trucks require inspection and escort during deliveries, using valuable manpower and creating potential safety issues.
IMPACT IF NOT PROVIDED: Without this project, Gardez will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss of the COB's critical fuel supply.
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.

	Requested FY2010($000)	FYDP
Authorization	$6,000	TBD
Authorization of Appropriation	$6,000	TBD
Appropriation	$6,000	TBD

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	MAY 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	212
(b) All Other Design Costs	106
(c) Total Design Cost	318

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Gardez, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Fuel System, Ph 1	74251

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract..... 212

(e) In-house..... 106

(4) Construction Contract Award..... JUL 2010

(5) Construction Start..... AUG 2010

(6) Construction Completion..... MAY 2011

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Ghazni Afghanistan (Afghanistan Various)	Waste Management Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74120	Auth 5,500 Approp 5,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,451
Incinerator Units	kg (TON)	14,515 (16)	221.84	(3,220)
Covered Storage & Sorting Fac	m2 (SF)	696.77 (7,500)	1,066	(743)
Waste Management Office	m2 (SF)	60.39 (650)	1,991	(120)
Ash Landfill	m2 (SF)	2,462 (26,500)	137.35	(338)
Antiterrorism Measures	LS	--	--	(30)
SUPPORTING FACILITIES				385
Electric Service	LS	--	--	(130)
Water, Sewer, Gas	LS	--	--	(100)
Paving, Walks, Curbs & Gutters	LS	--	--	(70)
Site Imp(75) Demo( )	LS	--	--	(75)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				4,836
CONTINGENCY (5.00%)				242
SUBTOTAL				5,078
SUPV, INSP & OVERHEAD (7.70%)				391
TOTAL REQUEST				5,469
TOTAL REQUEST (ROUNDED)				5,500
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Complex. Primary facilities include 16 ton per day incinerator (multiple units), covered storage and sorting facility, an administrative facility, and an ash landfill. The incinerator must operate using fuel or waste oil. Supporting facilities include electrical service, utilities, site improvements, pavements and appropriate drainage.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Complex at FOB Ghazni, Ghazni Province, Afghanistan.

REQUIREMENT: Ghazni is a Brigade-sized FOB that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management complex is required to meet environmental requirements at Ghazni. This facility will ensure proper stewardship of Afghanistan's environment.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Ghazni, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Complex	74120

IMPACT IF NOT PROVIDED: Without this project, Ghazni will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	203
(b) All Other Design Costs	101
(c) Total Design Cost	304
(d) Contract	203
(e) In-house	101

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Ghazni, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Complex	74120

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Jalalabad Afghanistan (Afghanistan Various)	Contingency Housing

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	74159	Auth 6,900 Approp 6,900

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,050
Relocatable Housing Foundations	EA	15 --	93,300	(1,400)
Non-Recov Components/Erection	EA	15 --	92,300	(1,385)
Roads	LS	--	--	(250)
Antiterrorism Measures	LS	--	--	(15)
SUPPORTING FACILITIES				3,018
Electric Service	LS	--	--	(805)
Water, Sewer, Gas	LS	--	--	(780)
Paving, Walks, Curbs & Gutters	LS	--	--	(145)
Storm Drainage	LS	--	--	(138)
Site Imp(950) Demo( )	LS	--	--	(950)
Antiterrorism Measures	LS	--	--	(200)
ESTIMATED CONTRACT COST				6,068
CONTINGENCY (5.00%)				303
SUBTOTAL				6,371
SUPV, INSP & OVERHEAD (7.70%)				491
TOTAL REQUEST				6,862
TOTAL REQUEST (ROUNDED)				6,900
INSTALLED EQT-OTHER APPROP				(10,500)

10.Description of Proposed Construction Construct contingency housing facilities to support 1,100 personnel. Primary facilities will include concrete pads, assembly and installation of Relocatable Buildings (RLBs), associated stairways, and hallways. RLBs for housing will be purchased with other appropriations. Supporting facilities include site preparation, pavement, site infrastructure, heating/ventilation and air conditioning (HVAC), and information systems. Antiterrorism/Force Protection measures will be included. Antiterrorism/Force Protection measures are included.

11. REQ: 1,100 PN ADQT: NONE SUBSTD: 1,100 PN

PROJECT: Construct contingency housing at Jalalabad Airfield, Afghanistan, to support 1,100 personnel. (Current Mission)

REQUIREMENT: US Forces have an immediate need for additional housing at Jalalabad to meet operational requirements and support in-comung US Forces.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and does not have housing facilities able to accommodate in-coming personnel. There are no expeditionary assets available to support this housing requirement.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Jalalabad, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Contingency Housing	74159

IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have adequate, and safe, housing after being deployed to the Afghanistan AOR negatively impacting unit morale and welfare. The deployed personnel will be housed in tents or plywood & wood frame huts, exposed to enemy attacks, unnecessary health risks, and extreme weather conditions in summer and winter seasons.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	JUN 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	242
(b) All Other Design Costs	121
(c) Total Design Cost	363
(d) Contract	242
(e) In-house	121

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	AUG 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Jalalabad, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Contingency Housing	74159

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
RLB Housing Units		2009	10,000
RLB Shwr/Lat		2009	500
		TOTAL	10,500

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Jalalabad Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
	722	74216	Auth	4,350
			Approp	4,350

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,170
Dining Facility	m2 (SF)	1,070 (11,517)	1,330	(1,423)
Information Systems	LS	--	--	(52)
Kitchen Module w/Equipment	m2 (SF)	106 (1,141)	4,483	(475)
Standby Generator	kWe(KW)	600 (600)	366.24	(220)
SUPPORTING FACILITIES				1,666
Electric Service	LS	--	--	(550)
Water, Sewer, Gas	LS	--	--	(520)
Paving, Walks, Curbs & Gutters	LS	--	--	(350)
Storm Drainage	LS	--	--	(60)
Site Imp(106) Demo( )	LS	--	--	(106)
Antiterrorism Measures	LS	--	--	(40)
Communications	LS	--	--	(40)
ESTIMATED CONTRACT COST				3,836
CONTINGENCY (5.00%)				192
SUBTOTAL				4,028
SUPV, INSP & OVERHEAD (7.70%)				310
TOTAL REQUEST				4,338
TOTAL REQUEST (ROUNDED)				4,350
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a Dining Facility. A single or multiple facilities can be constructed. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, mechanical systems, and building information systems. Feeding capacity is 2000 persons per meal; seating capacity is provided to support the desired number of personnel and seatings during each meal period. 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. Antiterrorism/Force Protection measures will be included.

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11. REQ: 2,000 PN ADQT: NONE SUBSTD: 2,000 PN

PROJECT: Construct a new Dining Facility (DFAC) at Jalalabad (JAF), Afghanistan.

REQUIREMENT: US Forces have an immediate operational need for the expansion of the Contingency Operating Base JAF to meet operational requirements in Regional Command-East, Afghanistan. In order to facilitate the US mission and its command & control element, all support facilities must be collocated on the COB JAF.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Jalalabad, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	74216

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. JAF does not currently have a sustaining capacity to accommodate all in-coming forces.
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 or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook, serve and partake in meals, US forces stationed at JAF are subject 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	897
(c) Total Design Cost	897
(d) Contract	598
(e) In-house	299

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Jalalabad, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	74216

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Jalalabad Afghanistan (Afghanistan Various)	Ammunition Supply Point

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	421	74219	Auth 35,000 Approp 35,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				25,947
General Purpose Magazine	m2 (SF)	4,725 (50,859)	4,506	(21,291)
Amm Insp, Repair, Repacking B	m2 (SF)	600 (6,458)	2,599	(1,559)
Amm Storage Pad	m2 (SF)	750 (8,073)	225.00	(169)
Site Lighting	EA	20 --	7,500	(150)
Roads	m2 (SF)	14,200 (152,848)	93.70	(1,331)
Total from Continuation page				(1,447)
SUPPORTING FACILITIES				3,992
Electric Service	LS	--	--	(1,177)
Water, Sewer, Gas	LS	--	--	(750)
Paving, Walks, Curbs & Gutters	LS	--	--	(200)
Storm Drainage	LS	--	--	(250)
Site Imp(740) Demo(75)	LS	--	--	(815)
Antiterrorism Measures	LS	--	--	(800)
ESTIMATED CONTRACT COST				29,939
CONTINGENCY (5.00%)				1,497
SUBTOTAL				31,436
SUPV, INSP & OVERHEAD (7.70%)				2,421
DESIGN/BUILD - DESIGN COST				1,257
TOTAL REQUEST				35,114
TOTAL REQUEST (ROUNDED)				35,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct an Ammunition Supply Point(ASP). Primary Facilities include ammunition storage magazines, pre-engineered metal facilities, paved munitions storage pads, lightning protection, site lighting, site work, drainage, paved roadways, fencing, demolition, and generator power.

11. REQ: 5,325 m2 ADQT: NONE SUBSTD: 5,325 m2

PROJECT: Construct an Ammunition Storage Point (ASP) in Jalalabad, Afghanistan, for at approximately 3 million pounds Net Explosive Weight(NEW). The ammunition storage magazines will each hold 120,000 lbs NEW and be 189 square meters.

REQUIREMENT: Jalalabad Airfield requires an area to safely receive, store, build, and provide sustained delivery of munitions for up to 10 days of ground and air combat. Construction of an ASP is necessary in order to create efficient operational flow and ensure safe operating conditions.

CURRENT SITUATION: Jalalabad Airfield has a small munitions storage area. A number of new air and ground missions (including additional Marine attack aircraft) plan to beddown at Jalalabad and will require an increase in munitions/ammunition storage that cannot be met by the existing ASP. This project is necessary to enable increased force posture in Afghanistan.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Jalalabad, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Supply Point	74219

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Lightning Protection System	EA	1 --	550,000	(550)
Chain Link 3.0 m High	m (LF)	2,600 (8,530)	345.00	(897)
			Total	1,447

IMPACT IF NOT PROVIDED: The current ASP will not be able to support munitions storage and operational requirements associated with new missions there. Munitions will either not be available or available on an uncertain and limited basis. This will severely limit the ground combat Commanders' options for combat support in Southern and Eastern Afghanistan. Lack of consistent and reliable munitions storage will place ground combat forces at risk on the battlefield.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	AUG 2010
(d) Date Design Complete	DEC 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	628
(b) All Other Design Costs	220
(c) Total Design Cost	848
(d) Contract	628
(e) In-house	220

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Jalalabad, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Supply Point	74219

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... FEB 2012

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Jalalabad Afghanistan (Afghanistan Various)	Perimeter Fence

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	74221	Auth 2,050 Approp 2,050

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,710
Chain Link 3.0 m High	m (LF)	9,500 (31,168)	180.00	(1,710)
SUPPORTING FACILITIES				100
Site Imp(100) Demo( )	LS	--	--	(100)
ESTIMATED CONTRACT COST				1,810
CONTINGENCY (5.00%)				91
SUBTOTAL				1,901
SUPV, INSP & OVERHEAD (7.70%)				146
TOTAL REQUEST				2,047
TOTAL REQUEST (ROUNDED)				2,050
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a perimeter fence to provide additional security around the installation.

11. REQ: 11,000 PN ADQT: 3,000 PN SUBSTD: 11,000 PN

PROJECT: Construct a perimeter fence at Jalalabad, Afghanistan.

REQUIREMENT: A perimeter fence is required to provide additional security around the installation.

CURRENT SITUATION: Jalalabad is at maximum capacity and cannot accommodate the additional surge and personnel without expanding. The additional area must be fenced for security along the installation boundaries.

IMPACT IF NOT PROVIDED: If this project is not funded, the physical security of the installation will not be adequately protected. It will be extremely difficult to control access to the installation and protect personnel, materials and equipment.

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.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Jalalabad, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Perimeter Fence	74221

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	76
(b) All Other Design Costs	38
(c) Total Design Cost	114
(d) Contract	76
(e) In-house	38

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUL 2010
(6) Construction Completion	DEC 2010

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Joyce Afghanistan (Afghanistan Various)	Dining Facilty

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	722	73237	Auth 2,100 Approp 2,100

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,060
Dining Facility	m2 (SF)	535 (5,759)	1,330	(712)
Kitchen Module w/Equipment	m2 (SF)	53 (570.49)	4,483	(238)
Standby Generator	kWe(KW)	300 (300)	366.24	(110)
SUPPORTING FACILITIES				785
Electric Service	LS	--	--	(250)
Water, Sewer, Gas	LS	--	--	(260)
Paving, Walks, Curbs & Gutters	LS	--	--	(175)
Site Imp(60) Demo( )	LS	--	--	(60)
Antiterrorism Measures	LS	--	--	(20)
Communication Lines	LS	--	--	(20)
ESTIMATED CONTRACT COST				1,845
CONTINGENCY (5.00%)				92
SUBTOTAL				1,937
SUPV, INSP & OVERHEAD (7.70%)				149
TOTAL REQUEST				2,086
TOTAL REQUEST (ROUNDED)				2,100
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a Dining Facility. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, and mechanical systems. Feeding capacity is 1,000 persons per meal; seating capacity is provided to support the desired number of personnel and seatings during each meal period. 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 provided with other funding. Antiterrorism/Force Protection will be provided.

11. REQ: 1,000 PN ADQT: NONE SUBSTD: 1,000 PN

PROJECT: Construct a Dining Facility at Camp Joyce, Afghanistan to support 1000personnel.

REQUIREMENT: US Forces have an immediate operational need for the expansion of the Camp Joyce to meet future operational requirements in RC-East, Afghanistan. In order to facilitate the enduring US mission and its command & control element, all support facilities must be collocated on the Camp Joyce.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Joyce does not currently have a sustaining capacity to appropriately

CURRENT SITUATION: (CONTINUED)
accommodate all in-coming forces.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 1,000 personnel or maintain high standards of sanitary cooking and food preparation. Without a place to properly cook, serve and partake in meals, US forces stationed at Joyce are subject 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	360
(c) Total Design Cost	360
(d) Contract	240
(e) In-house	120

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Joyce, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facilty	73237

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Joyce Afghanistan (Afghanistan Various)	Waste Management Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74240	Auth 5,600 Approp 5,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,543
Covered Stor and Sorting Fac	m2 (SF)	696.77 (7,500)	1,066	(743)
Incinerator	kg (TON)	14,515 (16)	228.18	(3,312)
Ash Landfill	m2 (SF)	2,462 (26,500)	137.35	(338)
Waste Management Office	m2 (SF)	60.39 (650)	1,991	(120)
Antiterrorism Measures	LS	--	--	(30)
SUPPORTING FACILITIES				405
Electric Service	LS	--	--	(130)
Water, Sewer, Gas	LS	--	--	(100)
Paving, Walks, Curbs & Gutters	LS	--	--	(70)
Storm Drainage	LS	--	--	(20)
Site Imp(75) Demo( )	LS	--	--	(75)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				4,948
CONTINGENCY (5.00%)				247
SUBTOTAL				5,195
SUPV, INSP & OVERHEAD (7.70%)				400
TOTAL REQUEST				5,595
TOTAL REQUEST (ROUNDED)				5,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Area. Primary facilities include 16 ton incinerator (multiple units), covered storage and sorting facility, an administrative facility, and an ash landfill. Supporting facilities include utilities, site improvements, pavements and drainage.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Area at Camp Joyce, Afghanistan.

REQUIREMENT: Joyce is a Battalion-sized COB that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management area is required to meet environmental requirements at Joyce. 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.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

IMPACT IF NOT PROVIDED: Without this project, Joyce will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to

IMPACT IF NOT PROVIDED: (CONTINUED)
remediate in the future.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	208
(b) All Other Design Costs	103
(c) Total Design Cost	311
(d) Contract	208
(e) In-house	103

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Joyce, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74240

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kabul Afghanistan (Afghanistan Various)	USFOR-A Headquarters & Housing

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	72477	Auth 98,000 Approp 98,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				72,469
Billeting	m2 (SF)	14,969 (161,125)	1,620	(24,250)
Command And Control Facilities	m2 (SF)	12,919 (139,059)	1,808	(23,358)
Mission Support & Training Fac	m2 (SF)	7,912 (85,164)	1,772	(14,020)
Building Information Systems	LS	--	--	(7,807)
Antiterrorism Measures	LS	--	--	(3,034)
SUPPORTING FACILITIES				13,765
Electric Service	LS	--	--	(5,797)
Water, Sewer, Gas	LS	--	--	(2,898)
Paving, Walks, Curbs & Gutters	LS	--	--	(724)
Storm Drainage	LS	--	--	(724)
Site Imp(1,449) Demo( )	LS	--	--	(1,449)
Antiterrorism Measures	LS	--	--	(724)
Information Systems	LS	--	--	(1,449)
ESTIMATED CONTRACT COST				86,234
CONTINGENCY (5.00%)				4,312
SUBTOTAL				90,546
SUPV, INSP & OVERHEAD (7.70%)				6,972
TOTAL REQUEST				97,518
TOTAL REQUEST (ROUNDED)				98,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct Housing, Command & Control, and Support facilities for US Forces-Afghanistan (USFOR-A) and the Combined Security Transition Command-Afghanistan (CSTC-A). The proposed Primary Facilities include housing, command & control, various mission support and training facilities, and site infrastructure. Supporting facilities include electrical distribution with transformers and switchgear, water and sewage distribution systems, and mechanical systems. Antiterrorism/Force Protection measures are included.

11. REQ: 1,500 PN ADQT: NONE SUBSTD: 1,300 PN

PROJECT: Construct Housing, Command & Control, and Support Facilities at Kabul, Afghanistan. (Current Mission)

REQUIREMENT: Consolidate all USFOR-A and CSTC-A living and working facilities at Kabul. Housing, Command & Control, and Support/training facilities are required for USAFOR-A and CSTC-A's current population. This surge living and working population is in direct support of the development of Afghanistan National Security Forces (ANSF) and is projected to be sustained for 5-7 years. Current North Kabul Compound and Camp Eggers (CE) infrastructure cannot fulfill surge requirements. This project will allow CSTC-A personnel to vacate Camp Eggers in its entirety.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kabul, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
USFOR-A Headquarters & Housing	72477

CURRENT SITUATION: The facilities currently occupied by USFOR-A in Kabul Compound displaced the CSTC-A staff to Camp Eggers. The housing at Camp Eggers is off the installation in safe houses. CSTC-A personnel have to travel between Camp Eggers and their work location at New Kabul Compound. Personnel are exposed to high risk of attack by insurgents or Improvised Explosive Devices. Facilities are need to support CSTC-A relocation to Kabul and also support USFOR-A requirements.

IMPACT IF NOT PROVIDED: If this project is not funded, CSTC-A will be forced to conduct operations from several locations. The surge period (5-7 years) requires a larger CSTC-A headquarters, thus requiring the continued funding of leased costs for CE ($4M annually). Split operations will directly diminish our ability to synchronize CSTC-A staff functions and will create a dysfunctional command and control relationship between the CSTC-A Commanding General and his staff due to the physical separation (2 miles). This separation also increases the danger to CSTC-A personnel due to a higher volume of commuting traffic between CE and Kabul.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(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	3,622
(b) All Other Design Costs	1,811
(c) Total Design Cost	5,433
(d) Contract	3,622
(e) In-house	1,811

(4) Construction Contract Award	MAR 2010
(5) Construction Start	MAR 2010

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kabul, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
USFOR-A Headquarters & Housing	72477

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... DEC 2012

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kabul Afghanistan (Afghanistan Various)	Camp Phoenix Western Expansion

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	74172	Auth 39,000 Approp 39,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				27,162
Barracks	m2 (SF)	2,973 (32,001)	1,334	(3,966)
Admin Facilities	m2 (SF)	3,577 (38,503)	1,485	(5,312)
Renovate Brigade Headquarters	m2 (SF)	929.03 (10,000)	839.59	(780)
AAFES PX	m2 (SF)	1,320 (14,208)	1,334	(1,761)
Customs Warehouse	m2 (SF)	2,230 (24,004)	1,334	(2,975)
Total from Continuation page				(12,368)
SUPPORTING FACILITIES				7,341
Electric Service	LS	--	--	(3,363)
Water, Sewer, Gas	LS	--	--	(791)
Paving, Walks, Curbs & Gutters	LS	--	--	(366)
Storm Drainage	LS	--	--	(103)
Site Imp(219) Demo(74)	LS	--	--	(293)
Antiterrorism Measures	LS	--	--	(925)
Information Systems	LS	--	--	(1,500)
ESTIMATED CONTRACT COST				34,503
CONTINGENCY (5.00%)				1,725
SUBTOTAL				36,228
SUPV, INSP & OVERHEAD (7.70%)				2,790
TOTAL REQUEST				39,018
TOTAL REQUEST (ROUNDED)				39,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct modular barracks and k-span for transient billeting, renovate existing AAFES buildings for Brigade HQ and construct new AAFES PX in addition to constructing admin facilities and support facilities for the Combined Security Transition Command - Afghanistan (CSTC-A). The modular barracks will use relocatable buildings(2230SM). The k-span housing will be 743SM. Supporting facilities include construction of MWR facility, dining facility expansion, TMC/QRF addition, fire department, vehicle maintenance facility with wash rack, and ammunition holding area.

11. REQ: 840 PN ADQT: NONE SUBSTD: 840 PN

PROJECT: Construct Camp Phoenix West Expansion to support 840 PN in Kabul, Afghanistan.

REQUIREMENT: Construct additional facilities for 320 personnel using relocatable buildings. New support facilities are required to maintain the level of morale and safety at Camp Phoenix. Transient housing is required for an additional 520 personnel at Camp Phoenix to accommodate the move of Combined Security Transition Command - Afghanistan personnel and the surge requirement.

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY			Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)							
Community Activities Center	m2	(SF)	2,081	(	22,400)	1,485	(3,090)
DFAC Expansion	m2	(SF)	743.22	(	8,000)	1,485	(1,104)
TMC/QRF	m2	(SF)	763.66	(	8,220)	1,485	(1,134)
Fire Department	m2	(SF)	445.93	(	4,800)	2,085	(930)
Vehicle Maintenance Shop	m2	(SF)	2,648	(	28,500)	1,625	(4,303)
Wash Rack	EA		1	--		282,000	(282)
Ammo Supply Point	m2	(SF)	188	(	2,024)	4,920	(925)
Roads	LS			--		--	(600)
						Total	12,368

CURRENT SITUATION: Camp Phoenix currently is at maximum capacity and cannot accommodate the additional surge and personnel will be forced to live in unsatisfactory conditions without this expansion. Current population of Camp Phoenix is 2,173 personnel with an existing funded expansion of 1000 personnel. Existing Fire Department is inadequate and Camp Phoenix is at a substantial risk of damage due to fire. Current vehicle maintenance facility is not capable of supporting the surge of vehicles that will occur as a result of the move. MWR facilities do not provide adequate space and activities for personnel. The construction of these facilities will consolidate and streamline structures to utilize the limited space available on Camp Phoenix more efficiently.

IMPACT IF NOT PROVIDED: If this project is not funded, closure of Camp Eggers will be delayed and personnel will continue to be housed in a high threat environment. Afghan National Security Forces combat readiness and training will be severely impacted if the base does not expand to accommodate living, administrative and support facilities for the additional 320 TF Phoenix personnel on Camp Phoenix. The risks a catastrophic fire event at Camp Phoenix will remain at a possibility if the Fire Department is not funded. Without these facilities, US forces will struggle to be able to meet their mission of training the Afghan National Security Forces. Closing Camp Eggers will result in an annual operation savings of $12.9M.

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.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kabul, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Camp Phoenix Western Expansion	74172

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	JAN 2010
(d) Date Design Complete	MAY 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	1,449
(b) All Other Design Costs	724
(c) Total Design Cost	2,173
(d) Contract	1,449
(e) In-house	724

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	FEB 2012

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kandahar Afghanistan (Afghanistan Various)	Troop Housing, Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	72603	Auth 4,250 Approp 4,250

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,068
Relocatable Housing Foundation	EA	12 --	93,300	(1,120)
Non-Recov Components/Erection	EA	12 --	92,300	(1,108)
Roads	LS	--	--	(135)
Building Information Systems	LS	--	--	(705)
SUPPORTING FACILITIES				670
Electric Service	LS	--	--	(196)
Water, Sewer, Gas	LS	--	--	(198)
Storm Drainage	LS	--	--	(20)
Site Imp(50) Demo( )	LS	--	--	(50)
Information Systems	LS	--	--	(206)
ESTIMATED CONTRACT COST				3,738
CONTINGENCY (5.00%)				187
SUBTOTAL				3,925
SUPV, INSP & OVERHEAD (7.70%)				302
TOTAL REQUEST				4,227
TOTAL REQUEST (ROUNDED)				4,250
INSTALLED EQT-OTHER APPROP				(3,815)

10.Description of Proposed Construction Construct Troop Housing to support approximately 888 personnel. Primary facilities will include concrete pads, assembly and installation of Relocatable Buildings (RLBs), associated stairways, and hallways. RLBs will be purchased with other appropriations. Supporting facilities include site preparation, pavement, site infrastructure, heating/ventilation and air conditioning (HVAC), and information systems, etc. This is phase two of three phases. All three phases will provide housing for approximately 3,500 personnel. Antiterrorism/Force Protection measures are included.

11. REQ: 3,500 PN ADQT: 1,100 PN SUBSTD: 2,400 PN

PROJECT: Construct Troop Housing to replace expeditionary housing or administration buildings for personnel at Kandahar, Afghanistan. (Current Mission)

REQUIREMENT: Construct troop housing to replace expeditionary facilities at Kandahar Afghanistan. The existing expeditionary housing has deteriorated to a point where they are unsafe, unhealthy, and expose personnel to enemy attacks and extreme weather conditions in summer and winter months. In addition, there are no steady-state housing facilities in Kandahar to support assigned personnel.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Troop Housing, Ph 2	72603

CURRENT SITUATION: Personnel in Kandahar are still housed in expeditionary housing, such as plywood/wood frame huts or tents. The buildings are expeditionary in nature and have a maximum 3-5 year life span. Because of their expeditionary construction, they also pose an increased safety and health risk. Inefficient mechanical systems cannot heat or cool to acceptable standards. Several fires have occurred in the all-wood hut structures. Also, due to an absence in insulation, winter temperatures inside these facilities drop below freezing.

IMPACT IF NOT PROVIDED: The combat readiness of personnel is negatively impacted due to living in plywood/wood frame huts or tents that pose a fire hazard and are not insulated for continous exposure to the elements; they cannot maintain recommended room temperatures. Without funding for this project, the plywood/wood frame huts will have to be replaced on a case-by-case basis with either new huts or RLBs. This diverts large sums of funds away from the warfighter missions in order to improve the safety and quality of life for military housing.

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.

	FY2009($000)	Requested FY2010($000)	FYDP
Authorization	$8,700	$4,250	TBD
Authorization of Appropriation	$8,700	$4,250	TBD
Appropriation	$8,700	$4,250	TBD

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

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

(2) Basis:

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Troop Housing, Ph 2	72603

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Standard or Definitive Design: NO

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): ($000)

(a)	Production of Plans and Specifications.....	149
(b)	All Other Design Costs.....	74
(c)	Total Design Cost.....	223
(d)	Contract.....	149
(e)	In-house.....	74

(4) Construction Contract Award..... JUN 2010

(5) Construction Start..... JUL 2010

(6) Construction Completion..... MAY 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Relocatable Housing	2010	2010	3,500
Info Sys - ISC	OPA	2012	315
		TOTAL	3,815

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		12 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kandahar Afghanistan (Afghanistan Various)	Command & Control Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	610	73082	Auth 4,500 Approp 4,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,896
Command & Control Facility	m2 (SF)	920 (9,903)	2,173	(1,999)
Building Information Systems	LS	--	--	(897)
SUPPORTING FACILITIES				1,100
Electric Service	LS	--	--	(395)
Water, Sewer, Gas	LS	--	--	(185)
Paving, Walks, Curbs & Gutters	LS	--	--	(150)
Storm Drainage	LS	--	--	(40)
Site Imp(125) Demo( )	LS	--	--	(125)
Information Systems	LS	--	--	(160)
Antiterrorism Measures	LS	--	--	(45)
ESTIMATED CONTRACT COST				3,996
CONTINGENCY (5.00%)				200
SUBTOTAL				4,196
SUPV, INSP & OVERHEAD (7.70%)				323
TOTAL REQUEST				4,519
TOTAL REQUEST (ROUNDED)				4,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a Command & Control Facility. Facilities will provide administrative areas, latrines, electrical distribution, communication (fiber optic) distribution, water and sewage distribution systems, and mechanical systems. Supporting facilities include roads, drainage, and parking. Furniture and equipment will be furnished and installed with proponent funds (OMA).

11. REQ: 920 m2 ADQT: NONE SUBSTD: 920 m2

PROJECT: Construct a Command & Control Facility to support an assigned Brigade or Battalion at Kandahar, Afghanistan. (Current Mission)

REQUIREMENT: The assigned brigades or battalions require a headquarters facility for Command & Control, to accommodate staff offices for the command structure and for other functions such as logistics, maintenance, and personnel. An area in compliance with sensitive compartmented information facility (SCIF) criteria is required within the Command and Control Facility. Adequate facilities do not exist to support this requirement.

CURRENT SITUATION: There are no facilities at Kandahar that can support the in-coming Brigades or Battalions. Command & Control requirements would have to be met by constructing plywood & wood frame buildings or tents to support their operations. That would not provide for efficient command & control

CURRENT SITUATION: (CONTINUED)
operations or facilities that provide adequate shelter from extreme weather conditions or enemy fire.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have a designated and enduring location for C2 after being deployed to the Afghanistan AOR. Without a place to conduct missions, provide command & control of aircraft and command & control of ground forces, US capabilities will significantly degrade 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	MAY 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	168
(b) All Other Design Costs	83
(c) Total Design Cost	251
(d) Contract	168
(e) In-house	83

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010
(6) Construction Completion	AUG 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		12 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Command & Control Facility	73082

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kandahar Afghanistan (Afghanistan Various)	Tanker Truck Off-Load Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	411	73095	Auth 23,000 Approp 23,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				17,835
Tank Truck Load/Unload Facility	OL	4 --	750,000	(3,000)
Fillstands (w/filters/controls)	OL	4 --	500,000	(2,000)
Bulk Storage(includes pumps, fi	L (GA)	4000000 (1056688)	2.50	(10,000)
Operating Drop Tanks	L (GA)	202,000 (53,363)	2.50	(505)
Emergency Load/Unload Facility	LS	--	--	(760)
Total from Continuation page				(1,570)
SUPPORTING FACILITIES				2,845
Electric Service	LS	--	--	(441)
Water, Sewer, Gas	LS	--	--	(233)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,300)
Site Imp(549) Demo( )	LS	--	--	(549)
Antiterrorism Measures	LS	--	--	(210)
Information Systems	LS	--	--	(112)
ESTIMATED CONTRACT COST				20,680
CONTINGENCY (5.00%)				1,034
SUBTOTAL				21,714
SUPV, INSP & OVERHEAD (7.70%)				1,672
TOTAL REQUEST				23,386
TOTAL REQUEST (ROUNDED)				23,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct a Tanker Truck Off Load Facility (TTOF) at Kandahar Airfield (KAF), Afghanistan. Primary Facilities include a three outlet off load facility outside the base perimeter to service fuel delivery trucks, one (1) 25,000 barrel receipt bulk storage tank, a pumphouse & filter facility, a four(4) position fillstand, a control and administrative area. One additional off load points will be provided on base at the bulk tank to serve as back-up if the off-base facility is taken out of service. Supporting Facilities include site work, mechanical, electrical, and information systems.

11. REQ: 4,000,000 L ADQT: NONE SUBSTD: 4,000,000 L

PROJECT: Construct a Tanker Truck Off Load Facility at KAF.

REQUIREMENT: Project has been reviewed and validated by CENTCOM and International Security Assistance Forces (ISAF) Master Planners at KAF. KAF requires the capability to receive, store, and dispense fuel. Increased missions in response to Presidential directives has increased the fuel requirement several million gallons per month. Force projection concerns drive the need for a TTOF outside the base perimeter; allowing Afghan-owned fuel trucks to offload fuel without entering the base. The TTOF must be capable of off-loading three (3) trucks simultaneously and accept 375K gallons of fuel in a 12-hour period (525 GPM). The bulk storage receipt tank is to support this

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
POL Pipeline, Underground	LS	--	--	(1,245)
Antiterrorism Measures	LS	--	--	(325)
			Total	1,570

REQUIREMENT: (CONTINUED)
off-load rate, as well as serve as additional storage for KAF.
CURRENT SITUATION: The sole method for fuel delivery is via host nation contractors in fuel trucks, and there are no off-load points outside the base perimeter. Consequently, as many as 40 trucks per delivery must enter the base and dispense fuel. This poses a significant force protection risk to the population of KAF, and strains the entry control point (ECP) and the personnel who operate there. The existing on-base off-load point can only service two (2) trucks at a time and at a transfer rate of 350 GPM. This causes the line of fuel trucks to become backed-up and further increases the force protection risk.
IMPACT IF NOT PROVIDED: KAF personnel and assets will continue to be unnecessarily exposed to threats caused by inefficient off-load operations that take place on-base. Efficient and reliable fuel operations are critical to numerous US missions on KAF, and must be improved beyond expeditionary standards in order to assure operations are not interrupted as KAF's missions grow as a result of additional units in southern Afghanistan.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... APR 2009
(b) Percent Complete As Of January 2009..... .00
(c) Date 35% Designed..... NOV 2009
(d) Date Design Complete..... MAR 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)

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Tanker Truck Off-Load Facility	73095

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a)	Production of Plans and Specifications.....	868
(b)	All Other Design Costs.....	434
(c)	Total Design Cost.....	1,302
(d)	Contract.....	868
(e)	In-house.....	434

(4)	Construction Contract Award.....	APR 2010
(5)	Construction Start.....	MAY 2010
(6)	Construction Completion.....	MAY 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		12 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kandahar Afghanistan (Afghanistan Various)	Command & Control Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	610	73097	Auth 4,500 Approp 4,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,946
Command & Control Facility	m2 (SF)	920 (9,903)	2,173	(1,999)
Antiterrorism Measures	LS	--	--	(50)
Building Information Systems	LS	--	--	(897)
SUPPORTING FACILITIES				1,037
Electric Service	LS	--	--	(250)
Water, Sewer, Gas	LS	--	--	(233)
Paving, Walks, Curbs & Gutters	LS	--	--	(125)
Storm Drainage	LS	--	--	(50)
Site Imp(125) Demo( )	LS	--	--	(125)
Information Systems	LS	--	--	(160)
Antiterrorism Measures	LS	--	--	(94)
ESTIMATED CONTRACT COST				3,983
CONTINGENCY (5.00%)				199
SUBTOTAL				4,182
SUPV, INSP & OVERHEAD (7.70%)				322
TOTAL REQUEST				4,504
TOTAL REQUEST (ROUNDED)				4,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a Command & Control Facility. Primary facilities include administration space, auditorium, conference rooms, secure rooms/sensitive compartmented information facility (SCIF), training areas, command center, and communications room. Supporting facilities include electrical & utility distribution systems, mechanical systems, and building information systems. Other supporting facility features include roads, curbs, walkways, drainage, and parking.

11. REQ: 920 m2 ADQT: NONE SUBSTD: 920 m2

PROJECT: Construct a Command & Control Facility to support an assigned Brigade or Battalion at Kandahar, Afghanistan. (Current Mission)

REQUIREMENT: The assigned brigades or battalions require a headquarters facility for Command & Control, to accommodate staff offices for the command structure and for other functions such as logistics, maintenance, and personnel. An area in compliance with SCIF criteria is required within the Command and Control Facility. Adequate facilities do not exist to support this requirement.

CURRENT SITUATION: There are no facilities at Kandahar that can support the in-coming Brigades or Battalions. Command & Control requirements would have to be met by constructing plywood & wood frame buildings or tents to support

CURRENT SITUATION: (CONTINUED)
their operations. That would not provide for efficient command & control operations or facilities that provide adequate shelter from extreme weather conditions or enemy fire.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have a facility to support assigned brigades or battalions. Command & Control will be extremely difficult and impact operational requirements by forcing the command and support staff functions to operate out of separate, remotely located facilities.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	MAY 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	167
(b) All Other Design Costs	83
(c) Total Design Cost	250
(d) Contract	167
(e) In-house	83

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010
(6) Construction Completion	AUG 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		12 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Command & Control Facility	73097

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		12 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kandahar Afghanistan (Afghanistan Various)	Command & Control Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
			Auth	4,500
01010A	610	73099	Approp	4,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,996
Command & Control Facility	m2 (SF)	920 (9,903)	2,173	(1,999)
Antiterrorism Measures	LS	--	--	(100)
Building Information Systems	LS	--	--	(897)
SUPPORTING FACILITIES				1,004
Electric Service	LS	--	--	(351)
Water, Sewer, Gas	LS	--	--	(204)
Paving, Walks, Curbs & Gutters	LS	--	--	(80)
Storm Drainage	LS	--	--	(35)
Site Imp(99) Demo( )	LS	--	--	(99)
Information Systems	LS	--	--	(160)
Antiterrorism Measures	LS	--	--	(75)
ESTIMATED CONTRACT COST				4,000
CONTINGENCY (5.00%)				200
SUBTOTAL				4,200
SUPV, INSP & OVERHEAD (7.70%)				323
TOTAL REQUEST				4,523
TOTAL REQUEST (ROUNDED)				4,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a Command & Control Facility. Primary facilities include administration space, auditorium, conference rooms, secure rooms/Sensitive Compartmented Information Facility (SCIF), training areas, command center, and communications room. Supporting facilities include electrical & utility distribution systems, mechanical systems, and building information systems. Other supporting facility features include roads, curbs, walkways, drainage, and parking. Anti-Terrorism (AT) measures will be included.

11. REQ: 920 m2 ADQT: NONE SUBSTD: 920 m2

PROJECT: Construct a Command and Control Facility to support an assigned brigade or battalion at Kandahar, Afghanistan. (Current Mission)

REQUIREMENT: The assigned brigades or battalions require a headquarters facility for Command & Control, to accommodate staff offices for the command structure and for other functions such as logistics, maintenance, and personnel. An area in compliance with SCIF criteria is required within the Command and Control Facility. Adequate facilities do not exist to support this requirement.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		12 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Command & Control Facility	73099

CURRENT SITUATION: There are no facilities at Kandahar that can support the in-coming Brigades or Battalions. Command & Control requirements would have to be met by constructing plywood & wood frame buildings or tents to support their operations. That would not provide for efficient command & control operations or facilities that provide adequate shelter from extreme weather conditions or enemy fire.

IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have a facility to support assigned brigades or battalions. Command & Control will be extremely difficult and impact operational requirements by forcing the command and support staff functions to operate out of separate, remotely located facilities.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	JUN 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	168
(b) All Other Design Costs	84
(c) Total Design Cost	252
(d) Contract	168
(e) In-house	84

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010
(6) Construction Completion	AUG 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		12 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Command & Control Facility	73099

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kandahar Afghanistan (Afghanistan Various)	South Park Roads

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	851	73106	Auth 11,000 Approp 11,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,453
Roads	km (MI)	14 (8.70)	654,500	(9,163)
Retaining Structure & Culverts	m (LF)	50 (164.04)	1,632	(82)
Demolition	m2 (SF)	17,000 (182,986)	12.24	(208)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				9,453
CONTINGENCY (5.00%)				473
SUBTOTAL				9,926
SUPV, INSP & OVERHEAD (7.70%)				764
DESIGN/BUILD - DESIGN COST				397
TOTAL REQUEST				11,087
TOTAL REQUEST (ROUNDED)				11,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct roads in the South Park area of Kandahar Airfield (KAF). The roads and gravel shoulders will support mission vehicle traffic and provide alternate routes to ease traffic flow, support emergency response vehicles, and providing diversions for construction traffic.

11. REQ: 14 m2 ADQT: NONE SUBSTD: 14 m2

PROJECT: Construct roads in South Park in Kandahar Airfield, Afghanistan.

REQUIREMENT: This project is required to provide paved roads needed to support vehicle traffic and provide alternate routes to ease traffic flow and provide diversions for construction traffic. It is critical for emergency response vehicles to be able to reach all Kandahar Facilities.

CURRENT SITUATION: Traffic is very congested on Kandahar due to the limited number of paved/unpaved roads. There is currently only one paved asphalt road to support vehicle traffic. On the west side of the base, there is only one road that runs north to south. This significantly restricts movement, especially during an emergency or contingency situation. Also, smaller vehicles must yield to larger vehicles because the main paved road is narrow. The current perimeter road is gravel.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
South Park Roads	73106

IMPACT IF NOT PROVIDED: If not provided, Kandahar's ability to react to a force protection threat or emergency will be severely impacted. Also, there will not be a complete transportation system to perform its mission. Congested roads greatly increase the risk of injury to personnel and damage to government equipment.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	JUN 2010
(d) Date Design Complete	NOV 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	198
(b) All Other Design Costs	69
(c) Total Design Cost	267
(d) Contract	198
(e) In-house	69

(4) Construction Contract Award	MAY 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	JAN 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
South Park Roads	73106

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kandahar Afghanistan (Afghanistan Various)	Waste Management Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	811	74149	Auth 10,000 Approp 10,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				8,307
Incinerator Units	kg (TON)	29,030 (31.99)	221.84	(6,440)
Covered Storage and Sorting Fac	m2 (SF)	929.03 (10,000)	1,066	(990)
Ash Landfill	m2 (SF)	5,110 (55,000)	138.53	(708)
Waste Management Office	m2 (SF)	69.68 (750)	1,991	(139)
Antiterrorism Measures	LS	--	--	(30)
SUPPORTING FACILITIES				508
Electric Service	LS	--	--	(181)
Water, Sewer, Gas	LS	--	--	(115)
Paving, Walks, Curbs & Gutters	LS	--	--	(71)
Storm Drainage	LS	--	--	(25)
Site Imp(106) Demo( )	LS	--	--	(106)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				8,815
CONTINGENCY (5.00%)				441
SUBTOTAL				9,256
SUPV, INSP & OVERHEAD (7.70%)				713
TOTAL REQUEST				9,969
TOTAL REQUEST (ROUNDED)				10,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Complex. Primary facilities include a 32 ton per day incinerator(multiple units), covered storage and sorting facility, an administrative facility, and an ash landfill. The incinerator must operate using fuel or waste oil. Supporting facilities include utilities, site improvements, pavements and drainage.

11. REQ: 29,030 kg ADQT: NONE SUBSTD: 29,030 kg

PROJECT: Construct a Waste Management Complex at Kandahar, Afghanistan.

REQUIREMENT: Kandahar has the largest population of any installation in Afghanistan. A comprehensive solid waste management complex is required to meet environmental reguirements at Kandahar. This facility will ensure proper stewardship of Afghanistan's environment.

CURRENT SITUATION: Currently, Kandahar has a population of over 15,000 personnel but does not have a waste management system designed for its population.

IMPACT IF NOT PROVIDED: Without this project, Kandahar will be forced to operate without facilites for proper waste management. Improper management of US-generated waste will increase costs exponentially if we wait to remediate in the future.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Complex	74149

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	370
(b) All Other Design Costs	185
(c) Total Design Cost	555
(d) Contract	370
(e) In-house	185

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Complex	74149

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kandahar Afghanistan (Afghanistan Various)	Warehouse

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	442	74292	Auth 20,000 Approp 20,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				15,661
General Purpose Warehouse	m2 (SF)	16,112 (173,428)	820.00	(13,212)
Administrative Facility	m2 (SF)	160 (1,722)	1,000	(160)
Entry Control Point	LS	--	--	(80)
Site Perimeter Roads	m2 (SF)	13,512 (145,442)	95.00	(1,284)
Organizational Vehicle Parking	m2 (SF)	37,515 (403,808)	20.00	(750)
Total from Continuation page				(175)
SUPPORTING FACILITIES				2,145
Electric Service	LS	--	--	(965)
Water, Sewer, Gas	LS	--	--	(1,105)
Storm Drainage	LS	--	--	(75)
ESTIMATED CONTRACT COST				17,806
CONTINGENCY (5.00%)				890
SUBTOTAL				18,696
SUPV, INSP & OVERHEAD (7.70%)				1,440
TOTAL REQUEST				20,136
TOTAL REQUEST (ROUNDED)				20,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct a permanent, non-combustible, dock height general-purpose warehouse with 7.62-meter (25-foot) clear stacking height, loading docks with dock levelers, weather-sealed truck doors, and concrete floor slab. The warehouse will be a pre-engineered metal building. Uninterruptible Power Supply (UPS) will be provided. Supporting facilities include connection to all utilities, asphalt paved roadways and aprons, crushed stone truck parking & staging areas, perimeter fencing with entry control points and area lighting. Heating, Ventilation, and Air-Conditioning shall be radiant heat in winter and supply and exhaust fans to evacuate air in the summer.

11. REQ: 16,272 m2 ADQT: NONE SUBSTD: 16,272 m2

PROJECT: Construction of a Defense Logistics Agency (DLA) Warehouse in Kandahar, Afghanistan.

REQUIREMENT: A warehouse is required for use as a DLA distribution facility at Kandahar, Afghanistan. Construction of facility will allow for in-country receipt, storage and issue of DLA owned material to customers throughout the Afghan Theater of Operations, to include critical Joint Forward Repair Facilities in Regional Command-South.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Warehouse	74292

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Uninterruptable Power Supply	LS		--		--	(10)
Security Chain Link Fencing	m	(LF)	1,652	(5,420)	100.00	(165)
					Total	175

CURRENT SITUATION: DLA has no distribution capability within Afghanistan and currently moves product from Defense Distribution Depot Kuwait (DDKS), Defense Distribution Depot Europe (DDDE) in Germersheim, Germany and CONUS along tenuous surface and Air Lines of Communication. At present, Defense Supply Center Philadelphia (DSCP) has modified a Subsistence Prime Vendor contract to hold and distribute Class IV items(Construction materials including installed equipment and all fortification and/or barrier materials). This contract does not have the capability to execute discrete order fulfillment and distributes material via manual processes (vice the use of Distribution Standard System). This is considered a sub-optimal and temporary solution.
IMPACT IF NOT PROVIDED: If project is not completed, DLA will not be able to provide discrete order fulfillment of DLA owned material from locations inside Afghanistan. We will be unable to relieve the pressure associated with the aforementioned DSCP Prime Vendor contract modification. Additionally, by not holding DLA owned material we assume significant risk associated with distribution through the Ground LOCs in Pakistan and Afghanistan; thereby risking increased customer wait times and/or increased air distribution costs.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started..... APR 2009
(b) Percent Complete As Of January 2009..... .00
(c) Date 35% Designed..... FEB 2010
(d) Date Design Complete..... MAY 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)

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Warehouse	74292

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a)	Production of Plans and Specifications.....	695
(b)	All Other Design Costs.....	348
(c)	Total Design Cost.....	1,043
(d)	Contract.....	695
(e)	In-house.....	348

(4)	Construction Contract Award.....	JUN 2010
(5)	Construction Start.....	JUL 2010
(6)	Construction Completion.....	JUL 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Kandahar Afghanistan (Afghanistan Various)	Theater Vehicle Maintenance Compound

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	214	74296	Auth 55,000 Approp 55,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				38,681
Vehicle Maintenance Facility	m2 (SF)	6,503 (69,998)	1,673	(10,878)
Vehicle Maintenance Shop	m2 (SF)	6,503 (69,998)	1,673	(10,878)
Electronics/Robotics Maint Shop	m2 (SF)	1,254 (13,498)	2,007	(2,517)
Civil Eng/Housing Maint Shop	m2 (SF)	1,254 (13,498)	1,518	(1,903)
MHE General Item Repair Shop	m2 (SF)	1,254 (13,498)	1,518	(1,903)
Total from Continuation page				(10,602)
SUPPORTING FACILITIES				9,644
Electric Service	LS	--	--	(2,864)
Water, Sewer, Gas	LS	--	--	(1,850)
Paving, Walks, Curbs & Gutters	LS	--	--	(1,985)
Storm Drainage	LS	--	--	(245)
Site Imp(1,200) Demo(500)	LS	--	--	(1,700)
Antiterrorism Measures	LS	--	--	(500)
Information Systems	LS	--	--	(500)
ESTIMATED CONTRACT COST				48,325
CONTINGENCY (5.00%)				2,416
SUBTOTAL				50,741
SUPV, INSP & OVERHEAD (7.70%)				3,907
TOTAL REQUEST				54,648
TOTAL REQUEST (ROUNDED)				55,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct sustainment level refurbishment facility capable of repairing 150-200 wheeled vehicles per month in addition to construction equipment, material handling equipment and robotics for Joint forces in Afghanistan. This facility will be placed in the deep south park expansion area of KAF, Kandahar Province, Afghanistan. Area must be de-mined, secured and prepped for adequate drainage. The complex will require appropriate levels of force protection. Facilities include vehicle storage lot and wash rack area, two large wheeled vehicle maintenance buildings, one construction equipment repair building, one material handling equipment repair building, one robotics repair building, one tire and wheel assembly repair facility (TARP), one machine and welding shop, one paint shop, one wash rack and one PLL storage building. All buildings must be climate controlled and include utilities (electrical, water, and sewer) as well as fire detection and suppression systems. Maintenance and repair buildings must also have overhead lift, overhead exhaust, appropriate compressed air and electrical and internal computer/ communication systems.

11. REQ: 22,000 m2 ADQT: NONE SUBSTD: 22,000 m2

PROJECT: Construct a sustainment level refurbishment facility at Kandahar Airfield, Kandahar Province, Afghanistan.

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Machine/Welding Shop	m2	(SF)	1,254	(13,498)	1,875	(2,352)
Vehicle Paint & Prep Shop	m2	(SF)	929	(10,000)	2,152	(1,999)
TARP Vehicle Maintenance Shop	m2	(SF)	1,672	(17,997)	1,916	(3,204)
Admin Facility	m2	(SF)	929	(10,000)	1,690	(1,570)
Steam Cleaning Facility	m2	(SF)	450.39	(4,848)	1,776	(800)
Building Information Systems	LS			--	--	(677)
					Total	10,602

REQUIREMENT: This project is required to support up to and including depot level refurbishment and enhancements for all wheeled vehicles, construction and material handling equipment as well as robotics for joint units operating in Afghanistan. This includes returning equipment to 10/20+ standards, installing PM enhancements as well as AOA, safety requirements and battle damage repairs. Climate controlled storage and work areas are required to enable support to war fighting units with an "in country" higher level maintenance capability that will significantly enhance the readiness and availability of the wheeled ground fleet and reduce the Combatant Commander's air and ground movement requirements for vehicle retrograde outside the Combined Joint Area of Operation (CJOA).

CURRENT SITUATION: All higher level wheeled vehicle refurbishment for joint units operating in Afghanistan is currently completed in Kuwait, Qatar or other repair facilities outside of Afghanistan. While that would be an acceptable solution with secure ground LOCs to move vehicles out to these facilities like those available in Iraq, it can only be done securely by air out of Afghanistan using military or contracted aviation support. Construction equipment, material handling equipment and robotics are refurbished in Bagram at facilities that cannot handle the increase in equipment densities or the wider dispersion of units created by the OEF plus-up expansion in Regional Command South (RC-S) and Regional Command West (RC-W). New facilities are required in southern Afghanistan to support the additional units and increased fleets of equipment.

IMPACT IF NOT PROVIDED: If this project is not provided, the command's ability to refurbish, worn out and battle damaged wheeled vehicles and install safety and soldier survivability enhancements will be limited by the ability to fly these vehicles and pieces of equipment in and out of Afghanistan. Air assets are limited and extremely expensive and the movement of food, fuel, medical supplies, ammunition and personnel are a higher priority than equipment requiring refurbishment. The rugged terrain and limited road networks in Afghanistan will only increase the higher level maintenance requirements for these vehicles and systems well beyond the conditions

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Theater Vehicle Maintenance Compound	74296

IMPACT IF NOT PROVIDED: (CONTINUED)
experienced in Iraq over the last several years. The combatant commander must have the ability to complete higher level repairs and thus maintain operational readiness on wheeled vehicles in Afghanistan to sustain operations beyond two years and save his critical air assets for higher priority missions. If CE, MHE and robotics repair facilities are not built in southern Afghanistan, all this new equipment will have to trucked up to Bagram using the ring road and the facilities there are not capable of handling this additional work load. Work would stack up and these critical war fighting systems would be kept out of the fight for extended periods waiting for technicians and bay space. Separate CE, MHE and robotics facilities are needed to support the Combatant Commander's warfighting efforts in Southern Afghanistan. This facility will require 400-500 contract personnel and approximately 20 US government employees to operate. These personnel will require billeting and life support on KAF.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	JUN 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	1,946
(b) All Other Design Costs	973
(c) Total Design Cost	2,919
(d) Contract	1,946
(e) In-house	973

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010
(6) Construction Completion	OCT 2012

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Kandahar, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Theater Vehicle Maintenance Compound	74296

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Maywand Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	610	73134	Auth 6,600 Approp 6,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,178
Dining Facility	m2 (SF)	1,605 (17,276)	1,330	(2,135)
Kitchen Module w/Equipment	m2 (SF)	159 (1,711)	4,483	(713)
Standby Generator	kWe(KW)	900 (900)	366.24	(330)
SUPPORTING FACILITIES				2,625
Electric Service	LS	--	--	(790)
Water, Sewer, Gas	LS	--	--	(780)
Paving, Walks, Curbs & Gutters	LS	--	--	(525)
Storm Drainage	LS	--	--	(100)
Site Imp(180) Demo( )	LS	--	--	(180)
Antiterrorism Measures	LS	--	--	(100)
Communication Lines	LS	--	--	(150)
ESTIMATED CONTRACT COST				5,803
CONTINGENCY (5.00%)				290
SUBTOTAL				6,093
SUPV, INSP & OVERHEAD (7.70%)				469
TOTAL REQUEST				6,562
TOTAL REQUEST (ROUNDED)				6,600
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a Dining Facility. A single or multiple facilities may be constructed. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, and mechanical systems. Feeding capacity is 3000 persons per meal; seating capacity will be provided to support the required number of personnel and seatings during each meal period. Supporting facilities include roads, curbs, walkways, drainage, and parking. Furniture and equipment will be purchased with other funding. Antiterrorism/Force Protection will be included.

11. REQ: 3,000 PN ADQT: NONE SUBSTD: 3,000 PN

PROJECT: Construct a Dining Facility at Forward Operating Base Maywand, Afghanistan to support 3000 personnel.

REQUIREMENT: US Forces have an immediate operational need for the expansion of the FOB Maywand to meet operational requirements in RC-South, Afghanistan. In order to facilitate the US mission and its command & control element, support facilities are required at FOB Maywand.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a forward operating base for rotational forces. Maywand does not have an adequate dining facility to support incoming

CURRENT SITUATION: (CONTINUED)
personnel.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 3000 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 Maywand 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	1,430
(c) Total Design Cost	1,430
(d) Contract	954
(e) In-house	476

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Maywand, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	73134

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Maywand Afghanistan (Afghanistan Various)	Waste Management Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74203	Auth 5,600 Approp 5,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,543
Storage and Sorting Fac, Gen Pu	m2 (SF)	696.77 (7,500)	1,066	(743)
Incinerator	kg (TON)	14,515 (16)	228.18	(3,312)
Ash Landfill	m2 (SF)	2,462 (26,500)	137.35	(338)
Waste MAnagement Office	m2 (SF)	60.39 (650)	1,991	(120)
Antiterrorism Measures	LS	--	--	(30)
SUPPORTING FACILITIES				405
Electric Service	LS	--	--	(130)
Water, Sewer, Gas	LS	--	--	(100)
Paving, Walks, Curbs & Gutters	LS	--	--	(70)
Storm Drainage	LS	--	--	(20)
Site Imp(75) Demo( )	LS	--	--	(75)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				4,948
CONTINGENCY (5.00%)				247
SUBTOTAL				5,195
SUPV, INSP & OVERHEAD (7.70%)				400
TOTAL REQUEST				5,595
TOTAL REQUEST (ROUNDED)				5,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Area. Primary facilities include 16 Ton Incinerator (multiple units), covered storage and sorting facility, an administrative facility, and an ash landfill. Supporting facilities include utilities, site improvements, pavements and appropriate drainage.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Area at Forward Operating Base Maywand, Afghanistan.

REQUIREMENT: Maywand is a Battalion-sized FOB 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. This facility will ensure proper stewardship of Afghanistan's environment.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Maywand, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74203

IMPACT IF NOT PROVIDED: Without this project, Maywand will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	208
(b) All Other Design Costs	104
(c) Total Design Cost	312
(d) Contract	208
(e) In-house	104

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Maywand, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74203

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Mehtar Lam Afghanistan (Afghanistan Various)	Waste Management Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74161	Auth 4,150 Approp 4,150

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,195
Recycling Facility	EA	1 --	100,000	(100)
Incinerator Facility	kg (TON)	7,257 (8)	221.84	(1,610)
Waste Water Treatment Facility	EA	2 --	365,553	(731)
Ash Landfill	m2 (SF)	1,254 (13,500)	137.35	(172)
Hazardous Waste Storage Point	EA	1 --	100,000	(100)
Total from Continuation page				(482)
SUPPORTING FACILITIES				455
Electric Service	LS	--	--	(140)
Water, Sewer, Gas	LS	--	--	(75)
Paving, Walks, Curbs & Gutters	LS	--	--	(75)
Site Imp(155) Demo( )	LS	--	--	(155)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				3,650
CONTINGENCY (5.00%)				183
SUBTOTAL				3,833
SUPV, INSP & OVERHEAD (7.70%)				295
TOTAL REQUEST				4,128
TOTAL REQUEST (ROUNDED)				4,150
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Area. Primary facilities include 8 ton incinerator (single or multiple units), covered storage and sorting facility, solid waste recycling, ash landfill, hazardous waste collection point and waste water treatment facility . Supporting facilities include electrical service, utilities, site improvements, and pavements.

11. REQ: 7,257 kg ADQT: NONE SUBSTD: 7,257 kg

PROJECT: Construct a Waste Management Area at Mehtar Lam, Laghman Province, Afghanistan.

REQUIREMENT: Mehtar Lam is a Battalion-sized location that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management area is required to meet environmental requirementsat Mehtar Lam. This facility will ensure proper stewardship of Afghanistan’s environment.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Mehtar Lam, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74161

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Covered Storage & Sorting Fac	m2	(SF)	371.61	(4,000)	1,066	(396)
Waste Management Office	m2	(SF)	27.87	(300)	1,991	(56)
Antiterrorism Measures	LS			--	--	(30)
					Total	482

IMPACT IF NOT PROVIDED: Without this project, Mehtar Lam will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	153
(b) All Other Design Costs	76
(c) Total Design Cost	229
(d) Contract	153
(e) In-house	76

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Mehtar Lam, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74161

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Salerno Afghanistan (Afghanistan Various)	Waste Management Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74117	Auth 5,500 Approp 5,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,451
Incinerator Units	kg (TON)	14,515 (16)	221.84	(3,220)
Covered Storage & Sorting Fac	m2 (SF)	696.77 (7,500)	1,066	(743)
Waste Management Office	m2 (SF)	60.39 (650)	1,991	(120)
Ash Landfill	m2 (SF)	2,462 (26,500)	137.35	(338)
Antiterrorism Measures	LS	--	--	(30)
SUPPORTING FACILITIES				385
Electric Service	LS	--	--	(130)
Water, Sewer, Gas	LS	--	--	(100)
Paving, Walks, Curbs & Gutters	LS	--	--	(70)
Site Imp(75) Demo( )	LS	--	--	(75)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				4,836
CONTINGENCY (5.00%)				242
SUBTOTAL				5,078
SUPV, INSP & OVERHEAD (7.70%)				391
TOTAL REQUEST				5,469
TOTAL REQUEST (ROUNDED)				5,500
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Complex. Primary facilities include 16 ton per day incinerator (multiple units), covered storage and sorting facility, an administrative facility, and an ash landfill. The incinerator must operate using fuel or waste oil. Supporting facilities include electrical service, utilities, site improvements, pavements and drainage.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Complex at Camp Salerno, Khost Province, Afghanistan. (Current Mission)

REQUIREMENT: Salerno will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management complex is required to meet environmental requirements at Salerno. There are several large facility projects planned for Salerno, including housing and Dining Facility, that will produce significant amounts of solid waste. This facility will ensure proper stewardship of Afghanistan's environment.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods creates unsafe, unhealthy emissions, and contaminates the air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Salerno, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Complex	74117

IMPACT IF NOT PROVIDED: Without this project, Salerno will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	203
(b) All Other Design Costs	102
(c) Total Design Cost	305
(d) Contract	203
(e) In-house	102

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Salerno, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Complex	74117

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Salerno Afghanistan (Afghanistan Various)	Electrical Distribution Grid

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	811	74233	Auth 2,600 Approp 2,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,612
Electrical Distribution System	m (LF)	4,371 (14,341)	350.00	(1,530)
Transformers - 500 kVA	EA	2 --	25,000	(50)
Antiterrorism Measures	LS	--	--	(32)
SUPPORTING FACILITIES				607
Electric Service	LS	--	--	(250)
Paving, Walks, Curbs & Gutters	LS	--	--	(26)
Site Imp(213) Demo( )	LS	--	--	(213)
Antiterrorism Measures	LS	--	--	(68)
Information Systems	LS	--	--	(50)
ESTIMATED CONTRACT COST				2,219
CONTINGENCY (5.00%)				111
SUBTOTAL				2,330
SUPV, INSP & OVERHEAD (7.70%)				179
DESIGN/BUILD - DESIGN COST				93
TOTAL REQUEST				2,602
TOTAL REQUEST (ROUNDED)				2,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct an electrical distribution system. Primary facilities include underground electrical distribution and equipment to install a grid capable of supplying power to facilities throughout the installation.

11. REQ: 4,371 m ADQT: NONE SUBSTD: 4,371 m

PROJECT: Construct an electrical distribution system at Camp Salerno, Afghanistan.

REQUIREMENT: Salerno is a Brigade-sized camp that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). The electrical distribution system must include all required underground cables, transformers, to power facilities constructed at Salerno.

CURRENT SITUATION: Currently, Camp Salerno is rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Salerno, including a Dining Facility and fuel system that will require an electrical distribution network to support facilities.

IMPACT IF NOT PROVIDED: Without this project, Salerno will be forced to operate with an expeditionary electric system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary

IMPACT IF NOT PROVIDED: (CONTINUED)
systems utilize spot generation that is expensive to maintain and an inefficient use of fuel supplies.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	AUG 2010
(d) Date Design Complete	DEC 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	46
(b) All Other Design Costs	16
(c) Total Design Cost	62
(d) Contract	46
(e) In-house	16

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUL 2010
(6) Construction Completion	DEC 2010

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Salerno, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Electrical Distribution Grid	74233

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Salerno Afghanistan (Afghanistan Various)	Fuel System, Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	411	74234	Auth 12,800 Approp 12,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,244
Fuel Storage System	m3l(BL)	2,150 (13,524)	2,752	(5,917)
POL Pipeline, Underground	m (LF)	1,600 (5,249)	750.00	(1,200)
POL Control Center/Admin Office	m2 (SF)	743.22 (8,000)	2,540	(1,888)
Containment Berms	LS	--	--	(234)
Building Information Systems	LS	--	--	(5)
SUPPORTING FACILITIES				1,994
Electric Service	LS	--	--	(575)
Water, Sewer, Gas	LS	--	--	(422)
Paving, Walks, Curbs & Gutters	LS	--	--	(174)
Storm Drainage	LS	--	--	(143)
Site Imp(614) Demo( )	LS	--	--	(614)
Information Systems	LS	--	--	(15)
Antiterrorism Measures	LS	--	--	(51)
ESTIMATED CONTRACT COST				11,238
CONTINGENCY (5.00%)				562
SUBTOTAL				11,800
SUPV, INSP & OVERHEAD (7.70%)				909
TOTAL REQUEST				12,709
TOTAL REQUEST (ROUNDED)				12,800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct fuel distribution & storage system. Project includes storage tanks, secondary containment, offload & upload points, pumping & pump houses, metering, filtering, all related mechanical systems, lighting protection, and operational administrative office facility. Supporting facilities include all site work, security fencing & lighting, and electrical, water, sewer, & storm drainage systems.

11. REQ: 3,785 m3l ADQT: NONE SUBSTD: 3,785 m3l

PROJECT: Construct fuel storage & distribution system at Camp Salerno, Afghanistan. This phase will provide 2150 m3l fuel storage.

REQUIREMENT: Camp Salerno requires the capability to store and dispense approx 1,000,000 gallons of fuel in support of air & land operations for the Global War on Terrorism in Operation Enduring Freedom (OEF).

CURRENT SITUATION: Currently, Camp Salerno is rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Salerno, including a dining facility, road pavement project and electrical grid installation that will require a large amounts of fuel to operate.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Salerno, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Fuel System, Ph 1	74234

IMPACT IF NOT PROVIDED: Without this project, Salerno will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss of the FOB's critical fuel supply.
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.

	Requested FY2010($000)	FYDP
Authorization	$12,800	TBD
Authorization of Appropriation	$12,800	TBD
Appropriation	$12,800	TBD

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	MAY 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	448
(b) All Other Design Costs	224
(c) Total Design Cost	672
(d) Contract	448
(e) In-house	224

(4) Construction Contract Award: JUL 2010

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Salerno, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Fuel System, Ph 1	74234

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... AUG 2010

(6) Construction Completion..... MAY 2011

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Salerno Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	722	74235	Auth 4,300 Approp 4,300

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,170
Dining Facility	m2 (SF)	1,070 (11,517)	1,330	(1,423)
Information Systems	LS	--	--	(52)
Kitchen Module w/Equipment	m2 (SF)	106 (1,141)	4,483	(475)
Standby Generator	kWe(KW)	600 (600)	366.24	(220)
SUPPORTING FACILITIES				1,626
Electric Service	LS	--	--	(550)
Water, Sewer, Gas	LS	--	--	(520)
Paving, Walks, Curbs & Gutters	LS	--	--	(350)
Storm Drainage	LS	--	--	(60)
Site Imp(106) Demo( )	LS	--	--	(106)
Communication	LS	--	--	(40)
ESTIMATED CONTRACT COST				3,796
CONTINGENCY (5.00%)				190
SUBTOTAL				3,986
SUPV, INSP & OVERHEAD (7.70%)				307
TOTAL REQUEST				4,293
TOTAL REQUEST (ROUNDED)				4,300
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct a Dining Facility. A single or multiple facilities can be constructed. Primary facility includes a kitchen, seating area, storage, electrical distribution, water storage tanks, water and sewage distribution systems, and mechanical systems. Feeding capacity is 2000 persons per meal; seating capacity is provided to support the desired number of personnel and seating during each meal period. Supporting facilities will 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. Antiterrorism/Force Protection measures will be included.

11. REQ: 2,000 PN ADQT: NONE SUBSTD: 2,000 PN

PROJECT: Construct a Dining Facility (DFAC) to support 2,000 personnel at Camp Salerno, Afghanistan. (Current Mission)

REQUIREMENT: US Forces have an immediate need for the expansion of the Camp Salerno to meet operational requirements in Regional Command-East (RC-E), Afghanistan. The DFACs at Camp Salerno are not able to support the increase in feeding requirements caused by the increase in personnel.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Salerno, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	74235

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and require a contingency operating base for rotational forces. Salerno does not currently have the sustainment capacity to accommodate all in-coming forces.
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 or maintain higher standards of sanitary cooking and food preparation. Without a place to properly cook and serve meals, US forces stationed at Salerno are subject to unnecessary health risks. This will significantly degrade US capabilities resulting in decreased operational 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	898
(c) Total Design Cost	898
(d) Contract	599
(e) In-house	299

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Salerno, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	74235

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Salerno Afghanistan (Afghanistan Various)	Runway Upgrade

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	111	74285	Auth 25,000 Approp 25,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				20,167
Fixed Wing Runway	m2 (SF)	82,336 (886,263)	132.29	(10,892)
Fixed Wing Taxiway	m2 (SF)	70,110 (754,657)	132.29	(9,275)
SUPPORTING FACILITIES				1,618
Electric Service	LS	--	--	(100)
Site Imp( ) Demo(1,518)	LS	--	--	(1,518)
ESTIMATED CONTRACT COST				21,785
CONTINGENCY (5.00%)				1,089
SUBTOTAL				22,874
SUPV, INSP & OVERHEAD (7.70%)				1,761
TOTAL REQUEST				24,635
TOTAL REQUEST (ROUNDED)				25,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Upgrade and extend 5,000' gravel runway with a 6,000' concrete runway on an existing airfield to provide all-weather C-17 capability. Project includes removal of 5,000' of gravel and placement of additional 1,200' of asphaltic concrete and overlaying the remainder (4,800') of the runway, removal and replacement of the taxiways and repairing shoulders on all taxiways and the runway.

11. REQ: 152,446 m2 ADQT: NONE SUBSTD: 152,446 m2

PROJECT: Construct runway and taxiways at Camp Salerno, Afghanistan. The existing are gravel and require upgrade with overlay. Salerno Airfield is a critical hub for military operations in Afghanistan in support of Operation Enduring Freedom.

REQUIREMENT: The gravel runway and taxiway cannot support C-17's safely in all weather conditions. A paved runway is needed for efficient and safe military operations.

CURRENT SITUATION: Current runway and taxiways are reaching the end of their effective life span. The airfield is highly susceptible to closure for months at a time because it is not all-weather capable.

IMPACT IF NOT PROVIDED: The airfield will not be able to handle the current operational level of effort for much longer. Stop-gap repair measures will continue to be demanded of the US Army engineers, who will need to be diverted from other high priority projects. Additional engineer units will need to be deployed to Salerno to keep the airfield operational. Unacceptable friction charateristics of the runway will result in severely limited aircraft operations during heavy rains and continue to be a safety hazard.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	915
(b) All Other Design Costs	457
(c) Total Design Cost	1,372
(d) Contract	915
(e) In-house	457

(4) Construction Contract Award	JUL 2010
(5) Construction Start	SEP 2010
(6) Construction Completion	DEC 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Salerno, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Runway Upgrade	74285

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Shank Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
	722	73234	Auth	4,350
			Approp	4,350

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,170
Dining Facility	m2 (SF)	1,070 (11,517)	1,330	(1,423)
Information Systems	LS	--	--	(52)
Kitchen Module w/Equipment	m2 (SF)	106 (1,141)	4,483	(475)
Standby Generator	kWe(KW)	600 (600)	366.24	(220)
SUPPORTING FACILITIES				1,666
Electric Service	LS	--	--	(550)
Water, Sewer, Gas	LS	--	--	(520)
Paving, Walks, Curbs & Gutters	LS	--	--	(350)
Storm Drainage	LS	--	--	(60)
Site Imp(106) Demo( )	LS	--	--	(106)
Antiterrorism Measures	LS	--	--	(40)
Communication	LS	--	--	(40)
ESTIMATED CONTRACT COST				3,836
CONTINGENCY (5.00%)				192
SUBTOTAL				4,028
SUPV, INSP & OVERHEAD (7.70%)				310
TOTAL REQUEST				4,338
TOTAL REQUEST (ROUNDED)				4,350
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct a Dining Facility. A single or multiple facilities can be constructed. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, and mechanical systems. Feeding capacity is 2000 persons per meal; seating capacity is provided to support the desired number of personnel and seating during each meal period. 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. Antiterrorism/Force Protection measures will be included.

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11. REQ: 2,000 PN ADQT: NONE SUBSTD: 2,000 PN

PROJECT: Construct a Dining Facility (DFAC) at FOB Shank, Afghanistan

REQUIREMENT: US Forces have an immediate operational need for the expansion of the Forward Operating Base Shank to meet operational requirements in RC-East, Afghanistan. In order to facilitate the US mission and its command & control element, all support facilities must be collocated on the FOB Shank.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Shank does not currently have a sustaining capacity to accommodate all

CURRENT SITUATION: (CONTINUED)
in-coming forces.
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 or while maintain high standards of sanitary cooking and food preparation. Without a place to properly cook and serve in meals, US forces stationed at Shank are subject 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	897
(c) Total Design Cost	897
(d) Contract	598
(e) In-house	299

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Shank, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	73234

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Shank Afghanistan (Afghanistan Various)	Electrical Distribution Grid

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	811	74099	Auth 4,600 Approp 4,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,264
Electrical Distribution	m (LF)	9,000 (29,528)	350.00	(3,150)
Transformers - 500 kVA	EA	2 --	25,000	(50)
Antiterrorism Measures	LS	--	--	(64)
SUPPORTING FACILITIES				645
Electric Service	LS	--	--	(270)
Paving, Walks, Curbs & Gutters	LS	--	--	(70)
Site Imp(229) Demo( )	LS	--	--	(229)
Antiterrorism Measures	LS	--	--	(75)
Information Systems	LS	--	--	(1)
ESTIMATED CONTRACT COST				3,909
CONTINGENCY (5.00%)				195
SUBTOTAL				4,104
SUPV, INSP & OVERHEAD (7.70%)				316
DESIGN/BUILD - DESIGN COST				164
TOTAL REQUEST				4,584
TOTAL REQUEST (ROUNDED)				4,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct an electrical distribution system with transformers to provide a grid supplying power to facilities throughout the installation.

11. REQ: 9,000 m ADQT: NONE SUBSTD: 9,000 m

PROJECT: Install an electrical distribution system at Shank Airfield, Logar Province, Afghanistan.

REQUIREMENT: Shank is a Brigade-sized forward operation base (FOB) that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). The electrical distribution system must include all required underground cables, transformers, etc. to transfer power from the power generation source to facilities being constructed at Shank.

CURRENT SITUATION: Currently, FOB Shank is barebase and rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Shank, including a runway, housing, and BDE HQ, that will require a prime power network to operate.

IMPACT IF NOT PROVIDED: Without this project, Shank will be forced to operate with an expeditionary electric system, meant only for temporary use and requiring frequent & expensive replacement. Furthermore, expeditionary

IMPACT IF NOT PROVIDED: (CONTINUED)
systems utilize spot generation that is expensive to maintain and is an inefficient use of fuel supplies.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	JUN 2010
(d) Date Design Complete	NOV 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	82
(b) All Other Design Costs	29
(c) Total Design Cost	111
(d) Contract	82
(e) In-house	29

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010
(6) Construction Completion	MAY 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Shank, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Electrical Distribution Grid	74099

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Shank Afghanistan (Afghanistan Various)	Troop Housing, Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	74102	Auth 8,600 Approp 8,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,500
Relocatable Housing Foundations	EA	15 --	97,000	(1,455)
Non-Recov Components/Erection	EA	15 --	96,000	(1,440)
Roads	LS	--	--	(550)
Antiterrorism Measures	LS	--	--	(55)
SUPPORTING FACILITIES				4,087
Electric Service	LS	--	--	(972)
Water, Sewer, Gas	LS	--	--	(900)
Paving, Walks, Curbs & Gutters	LS	--	--	(269)
Storm Drainage	LS	--	--	(185)
Site Imp(1,646) Demo( )	LS	--	--	(1,646)
Antiterrorism Measures	LS	--	--	(115)
ESTIMATED CONTRACT COST				7,587
CONTINGENCY (5.00%)				379
SUBTOTAL				7,966
SUPV, INSP & OVERHEAD (7.70%)				613
TOTAL REQUEST				8,579
TOTAL REQUEST (ROUNDED)				8,600
INSTALLED EQT-OTHER APPROP				(10,800)

10.Description of Proposed Construction Construct second phase of Troop Housing to support 1,100 personnel. Primary facilities will include concrete pads, assembly and installation of Relocatable Buildings (RLBs), associated stairways, and hallways. RLBs for housing will be purchased with other appropriations. Supporting facilities include site preparation, pavement, site infrastructure, heating/ventilation and air conditioning (HVAC), and information systems. Antiterrorism/Force Protection measures are included.

11. REQ: 2,200 PN ADQT: 1,100 PN SUBSTD: 1,100 PN

PROJECT: Construct Troop Housing, Ph 2, at FOB Shank, Afghanistan. This is phase 2 of 2.(Current Mission)

REQUIREMENT: The Army has an immediate need for housing facilities at Forward Operating Base(FOB) Shank to meet requirements in southern Afghanistan. US Forces are housed in expeditionary facilities such as tents and plywood & wood frame huts, which do not provide adequate protection from enemy fire and extreme weather conditions.

CURRENT SITUATION: Personnel based at FOB Shank are housed in expeditionary housing, such as tents or plywood & wood frame huts. These buildings are expeditionary in nature and have a maximum 3-5 year life span. Because of their expeditionary construction, they pose a safety and health risk and are

CURRENT SITUATION: (CONTINUED)
extremely vulnerable to fire. The inefficient mechanical systems cannot heat or cool to acceptable standards. Due to an absence of insulation, winter temperatures inside the plywood & wood frame huts drop below freezing.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have adequate, safe housing after being deployed to Afghanistan. US Forces will continue living in tents and plywood & wood frame huts that provide no protection from enemy fire or extreme weather conditions. The combat readiness of personnel is negatively impacted due to living in tents or plywood & wood frame huts that pose a fire hazard and are not insulated for continuous exposure to the elements. The plywood & wood frame huts will have to be replaced on a case-by-case basis, diverting funds away from the warfighter missions in order to improve the safety and quality of life for military housing.
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.

	FY2009($000)	Requested FY2010($000)	FYDP
Authorization	$7,800	$8,600	TBD
Authorization of Appropriation	$7,800	$8,600	TBD
Appropriation	$7,800	$8,600	TBD

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... APR 2009
(b) Percent Complete As Of January 2009..... .00
(c) Date 35% Designed..... DEC 2009
(d) Date Design Complete..... JUN 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

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Shank, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Troop Housing, Ph 2	74102

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications.....	301
(b) All Other Design Costs.....	150
(c) Total Design Cost.....	451
(d) Contract.....	301
(e) In-house.....	150
(4) Construction Contract Award.....	JUL 2010
(5) Construction Start.....	AUG 2010
(6) Construction Completion.....	JUN 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Relocatable Housing		2009	10,000
Relocatable Shwr/Latr		2009	800
		TOTAL	10,800

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Shank Afghanistan (Afghanistan Various)	Waste Management Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74103	Auth 8,100 Approp 8,100

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				6,517
Incinerator Unit	kg (TON)	21,772 (23.99)	228.18	(4,968)
Covered Storage and Sorting Fac	m2 (SF)	696.77 (7,500)	1,066	(743)
Ash Landfill	m2 (SF)	3,832 (41,250)	137.35	(526)
Hazardous Waste Storage Facilit	LS	--	--	(130)
Waste Management Office	m2 (SF)	60.39 (650)	1,991	(120)
Antiterrorism Measures	LS	--	--	(30)
SUPPORTING FACILITIES				620
Electric Service	LS	--	--	(180)
Water, Sewer, Gas	LS	--	--	(170)
Paving, Walks, Curbs & Gutters	LS	--	--	(125)
Site Imp(135) Demo( )	LS	--	--	(135)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				7,137
CONTINGENCY (5.00%)				357
SUBTOTAL				7,494
SUPV, INSP & OVERHEAD (7.70%)				577
TOTAL REQUEST				8,071
TOTAL REQUEST (ROUNDED)				8,100
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Complex. Primary facilities include 24 ton incinerator (multiple units), covered storage and sorting facility, an administrative facility, hazardous waste storage facility, and an ash landfill. Supporting facilities include utilities, site improvements, pavements and appropriate drainage.

11. REQ: 21,772 kg ADQT: NONE SUBSTD: 21,772 kg

PROJECT: Construct a Waste Management Complex at FOB Shank, Afghanistan.

REQUIREMENT: Shank is a Brigade-sized FOB that will require efficient infrastructure to support its operations in Regional Command-East (RC-E). A comprehensive waste management complex is required to meet environmental requirements at Shank. 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.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Shank, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Complex	74103

IMPACT IF NOT PROVIDED: Without this project, Shank will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	144
(b) All Other Design Costs	50
(c) Total Design Cost	194
(d) Contract	144
(e) In-house	50

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Shank, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Complex	74103

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
FOB Shank Afghanistan (Afghanistan Various)	Water Distribution System

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	841	74195	Auth 2,650 Approp 2,650

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,054
Water Well	EA	3 --	125,000	(375)
Water Storage Tanks	L (GA)	1703435 (450,000)	.66	(1,124)
Water Distribution Lines	m (LF)	2,500 (8,202)	210.00	(525)
Antiterrorism Measures	LS	--	--	(30)
SUPPORTING FACILITIES				188
Electric Service	LS	--	--	(120)
Water, Sewer, Gas	LS	--	--	(6)
Paving, Walks, Curbs & Gutters	LS	--	--	(35)
Site Imp(17) Demo( )	LS	--	--	(17)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				2,242
CONTINGENCY (5.00%)				112
SUBTOTAL				2,354
SUPV, INSP & OVERHEAD (7.70%)				181
DESIGN/BUILD - DESIGN COST				94
TOTAL REQUEST				2,629
TOTAL REQUEST (ROUNDED)				2,650
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a Water Distribution System. Primary facilities include water wells, pumps, storage tanks, and distribution lines. Supporting facilities include supporting utilities, site improvements, and pavements.

11. REQ: 1,703,435 L/d ADQT: NONE SUBSTD: 1,703,435 L/d

PROJECT: Construct a Water Distribution System at Forward Operating Base Shank, Afghanistan.

REQUIREMENT: Shank is a Brigade-sized FOB that will require increased water supply and storage infrastructure to support its operations in Regional Command-East (RC-E). Based on the consumption planning factor of 50 gallons per day(gpd) per Soldier, and taking into consideration the conversion loss of non-potable water to potable water, also the increased storage requirement due to the surge, the minimum water storage requirement is 450,000 gallons (1,703,435 L).

CURRENT SITUATION: Currently, FOB Shank is barebase and rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Shank, including housing and a dining facility, that will increase water storage and distribution system requirements.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Shank, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Water Distribution System	74195

IMPACT IF NOT PROVIDED: Without this project, Shank will be forced to operate without the infrastructure needed to properly supply and store water.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	JUN 2010
(d) Date Design Complete	NOV 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	47
(b) All Other Design Costs	16
(c) Total Design Cost	63
(d) Contract	47
(e) In-house	16

(4) Construction Contract Award	MAY 2010
(5) Construction Start	JUL 2010
(6) Construction Completion	FEB 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

FOB Shank, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Water Distribution System	74195

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Sharana Afghanistan (Afghanistan Various)	Rotary-Wing Parking

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	113	74206	Auth 32,000 Approp 32,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				21,710
Rotary Wing Parking	m2 (SF)	87,000 (936,460)	225.00	(19,575)
Lighting & Markings	LS	--	--	(600)
Antiterrorism Measures	LS	--	--	(1,535)
SUPPORTING FACILITIES				6,662
Electric Service	LS	--	--	(1,632)
Water, Sewer, Gas	LS	--	--	(918)
Paving, Walks, Curbs & Gutters	LS	--	--	(612)
Storm Drainage	LS	--	--	(535)
Site Imp(2,149) Demo( )	LS	--	--	(2,149)
Antiterrorism Measures	LS	--	--	(816)
ESTIMATED CONTRACT COST				28,372
CONTINGENCY (5.00%)				1,419
SUBTOTAL				29,791
SUPV, INSP & OVERHEAD (7.70%)				2,294
TOTAL REQUEST				32,085
TOTAL REQUEST (ROUNDED)				32,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct 20 additional aircraft parking spaces, lighting, markings, tie-downs, and grounding points. Primary Facilities include parking spaces designed to support, at the minimum, a CH-47 helicopter. Supporting Facilities include electrical, water, & fire suppression distribution systems, roads, drainage, and site improvements.

11. REQ: 253,500 m2 ADQT: 166,500 m2 SUBSTD: 87,000 m2

PROJECT: Construct Rotary-Wing Parking, Sharana Airfield, Afghanistan.

REQUIREMENT: A rotary-wing parking facility with all associated facilities capable of supporting 20 additional helicopters. Pavements & spacing will be CH-47 capable, and aircraft barriers will be provided only when required for parking other armed helicopters.

CURRENT SITUATION: Currently, Sharana does not have sufficient facilities to support increased rotary wing aircraft operations & maintenance missions. US Forces have an immediate operational need for expansion of Sharana to meet operational requirements in eastern Afghanistan. In order to facilitate the US mission with its command & control element, helicopter support facilities must be collocated on COB Sharana.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Sharana, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Rotary-Wing Parking	74206

IMPACT IF NOT PROVIDED: Additional US Forces will augment current forces in eastern Afghanistan. If this project is not funded, US Forces will not have a designated and sufficient location for rotary-wing aircraft operations & basing after being deployed to Afghanistan. Without a place to conduct missions, operate & base aircraft, 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	JUL 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	1,191
(b) All Other Design Costs	596
(c) Total Design Cost	1,787
(d) Contract	1,191
(e) In-house	596

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010
(6) Construction Completion	MAR 2012

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Sharana, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Rotary-Wing Parking	74206

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Sharana Afghanistan (Afghanistan Various)	Ammunition Supply Point

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	421	74207	Auth 14,000 Approp 14,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,963
Gen Purp Magazine, Inst.	m2 (SF)	1,512 (16,275)	4,506	(6,813)
Amm Insp, Repair, Repacking B	m2 (SF)	600 (6,458)	2,599	(1,559)
Amm Storage Pad	m2 (SF)	250 (2,691)	225.00	(56)
Exterior Lighting	EA	20 --	7,500	(150)
Chain Link 3.0 m High	m (LF)	1,000 (3,281)	345.00	(345)
Total from Continuation page				(1,040)
SUPPORTING FACILITIES				1,902
Electric Service	LS	--	--	(412)
Water, Sewer, Gas	LS	--	--	(300)
Paving, Walks, Curbs & Gutters	LS	--	--	(100)
Storm Drainage	LS	--	--	(90)
Site Imp(500) Demo( )	LS	--	--	(500)
Antiterrorism Measures	LS	--	--	(500)
ESTIMATED CONTRACT COST				11,865
CONTINGENCY (5.00%)				593
SUBTOTAL				12,458
SUPV, INSP & OVERHEAD (7.70%)				959
DESIGN/BUILD - DESIGN COST				498
TOTAL REQUEST				13,915
TOTAL REQUEST (ROUNDED)				14,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct an Ammunition Suply Point (ASP). Project will include ammunition storage magazines, pre-engineered metal facilities, paved munitions storage pads, lightning protection, site lighting, site work, drainage improvements, paved roadways, fencing, and generator power.

11. REQ: 2,112 m2 ADQT: NONE SUBSTD: 2,112 m2

PROJECT: Replace current Ammunition Supply Point (ASP) in Sharanna, Afghanistan for one(1) million pounds Net Explosive Weight(NEW).

REQUIREMENT: Sharanna requires an area to safely receive, store, build, and provide sustained delivery of munitions for up to 10 days of ground and air combat. Sharanna has been identified as one of major US Forces beddown locations. Construction of an ASP compound with road infrastructure, concrete storage pads and functional facilities is necessary in order to create efficient operational flow and ensure safe operating conditions.

CURRENT SITUATION: Sharanna has a small munitions storage area on the east side of the current runway consisting of enclosed and climate-controlled facilities. A number of new air and ground missions plan to beddown at Sharanna that will require an increase in munitions/ammunition storage that cannot be met by existing infrastructure. This project is necessary to enable

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Roads	m2	(SF)	9,500	(102,257)	93.70	(890)
Lightning Protection System	EA		1	--	150,000	(150)
					Total	1,040

CURRENT SITUATION: (CONTINUED)
increased force posture in Afghanistan.
IMPACT IF NOT PROVIDED: The current ASP will not be able to support munitions storage and operational requirements associated with new missions there. Munitions will either not be available or available on an uncertain and limited basis; both options will severely limit the ground combat Commanders' options for combat support in Southern and Eastern Afghanistan. Lack of consistent and reliable munitions storage will place ground combat forces at risk on the battlefield in the event that they (and/or armed helicopters) cannot be fully supplied.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	JUN 2010
(d) Date Design Complete	NOV 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	249
(b) All Other Design Costs	87
(c) Total Design Cost	336
(d) Contract	249
(e) In-house	87

(4) Construction Contract Award: JUL 2010

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Sharana, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Supply Point	74207

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... AUG 2010

(6) Construction Completion..... AUG 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Sharana Afghanistan (Afghanistan Various)	Aircraft Maintenance Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	610	74210	Auth 12,200 Approp 12,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				8,320
Aviation Hangars & Maintenance	EA	10 --	462,000	(4,620)
Maintenance Shop/TOC/Admin	EA	10 --	162,000	(1,620)
Open Storage Area, Depot Level	m2 (SF)	1,414 (15,220)	846.58	(1,197)
Antiterrorism Measures	LS	--	--	(836)
Building Information Systems	LS	--	--	(47)
SUPPORTING FACILITIES				2,555
Electric Service	LS	--	--	(714)
Water, Sewer, Gas	LS	--	--	(306)
Paving, Walks, Curbs & Gutters	LS	--	--	(306)
Storm Drainage	LS	--	--	(102)
Site Imp(364) Demo( )	LS	--	--	(364)
Information Systems	LS	--	--	(49)
Antiterrorism Measures	LS	--	--	(408)
Communication Lines	LS	--	--	(306)
ESTIMATED CONTRACT COST				10,875
CONTINGENCY (5.00%)				544
SUBTOTAL				11,419
SUPV, INSP & OVERHEAD (7.70%)				879
TOTAL REQUEST				12,298
TOTAL REQUEST (ROUNDED)				12,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct aircraft maintenance facilities to support helicopters, UAVs, and C-12s. Primary facilities will install/construct ten (10) pre-engineered/tension membrane aviation hangars to maintain at a minimum CH-47, eight (8) pre-engineered or expeditionary maintenance shops, two (2) pre-engineered or expeditionary admin/TOC facilities, concrete pavements, and storage area. The hangar structures will be procured with OMA funding. Maintenance shops can be attached to or separate from each hangar. Supporting facilities include communications lines, utilities, grounding, tie-downs, site work, drainage, and parking.

11. REQ: 20 BG ADQT: NONE SUBSTD: 20 BG

PROJECT: Construct Aircraft Maintenance Facilities at Sharana, Afghanistan.

REQUIREMENT: US Forces have an immediate operational need for the expansion of Sharana to meet operational requirements in eastern Afghanistan. In order to facilitate the US mission and its command & control element, all support facilities must be collocated on COB Sharana.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan. Sharana does not have adequate maintenance facilities to support aviation assets.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Sharana, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Aircraft Maintenance Facility	74210

IMPACT IF NOT PROVIDED: If this project is not funded, US units will not have a designated location to maintain & repair in-coming multi-million dollar aircraft after being deployed to the Afghanistan AOR. Without a place to conduct necessary maintenance & repair, these critical assets are at high risk from damage by weather and enemy attacks; this will significantly degrade US capabilities resulting in decreased battlefield 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	456
(b) All Other Design Costs	228
(c) Total Design Cost	684
(d) Contract	456
(e) In-house	228

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	AUG 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Sharana, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Aircraft Maintenance Facility	74210

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Sharana Afghanistan (Afghanistan Various)	Electrical Distribution Grid

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	811	74215	Auth 2,600 Approp 2,600

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,602
Electrical Distribution	m (LF)	4,371 (14,341)	350.00	(1,530)
Transformers - 500 kVA	EA	2 --	25,000	(50)
Antiterrorism Measures	LS	--	--	(22)
SUPPORTING FACILITIES				607
Electric Service	LS	--	--	(250)
Paving, Walks, Curbs & Gutters	LS	--	--	(26)
Site Imp(213) Demo( )	LS	--	--	(213)
Antiterrorism Measures	LS	--	--	(68)
Information Systems	LS	--	--	(50)
ESTIMATED CONTRACT COST				2,209
CONTINGENCY (5.00%)				110
SUBTOTAL				2,319
SUPV, INSP & OVERHEAD (7.70%)				179
DESIGN/BUILD - DESIGN COST				93
TOTAL REQUEST				2,591
TOTAL REQUEST (ROUNDED)				2,600
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct an electrical distribution system. Primary facilities include underground electrical distribution and equipment to install a grid capable of supplying power to facilities throughout the installation.

11. REQ: 4,371 m ADQT: NONE SUBSTD: 4,371 m

PROJECT: Install the first phase of an electrical distribution system at Sharana, Afghanistan.

REQUIREMENT: Sharana is a Brigade-sized location that requires efficient infrastructure to support its operations in Regional Command-East (RC-E). The electrical distribution system must include all required underground cables, transformers, etc. to support facilities constructed at Sharana.

CURRENT SITUATION: Currently, Sharana rapidly expanding to meet a surge in troops and operations to RC-E. There are several large facility projects planned for Sharana, including a Fuel System, Rotary Wing Parking Apron, and Aviation Hangar/Maintenance facilities that will require an electrical distribution network to support facilities.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Sharana, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Electrical Distribution Grid	74215

IMPACT IF NOT PROVIDED: Without this project, Sharana will be forced to operate with an expeditionary electric system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems utilize spot generation that is expensive to maintain and an inefficient use of fuel supplies.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	AUG 2010
(d) Date Design Complete	DEC 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	46
(b) All Other Design Costs	16
(c) Total Design Cost	62
(d) Contract	46
(e) In-house	16

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUL 2010
(6) Construction Completion	DEC 2010

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Sharana, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Electrical Distribution Grid	74215

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tarin Kwot Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
	722	73214	Auth	4,350
			Approp	4,350

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,170
Dining Facility	m2 (SF)	1,070 (11,517)	1,330	(1,423)
Information Systems	LS	--	--	(52)
Kitchen Module w/Equipment	m2 (SF)	106 (1,141)	4,483	(475)
Standby Generator	kWe(KW)	600 (600)	366.24	(220)
SUPPORTING FACILITIES				1,666
Electric Service	LS	--	--	(550)
Water, Sewer, Gas	LS	--	--	(520)
Paving, Walks, Curbs & Gutters	LS	--	--	(350)
Storm Drainage	LS	--	--	(60)
Site Imp(106) Demo( )	LS	--	--	(106)
Antiterrorism Measures	LS	--	--	(40)
Communication	LS	--	--	(40)
ESTIMATED CONTRACT COST				3,836
CONTINGENCY (5.00%)				192
SUBTOTAL				4,028
SUPV, INSP & OVERHEAD (7.70%)				310
TOTAL REQUEST				4,338
TOTAL REQUEST (ROUNDED)				4,350
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a Dining Facility. A single or multiple facilities can be constructed. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, mechanical systems, and building information systems. Feeding capacity is 2000 persons per meal; seating capacity is provided to support the desired number of personnel and seating during each meal period. 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. Antiterrorism/Force Protection measures will be included.

---

11. REQ: 2,000 PN ADQT: NONE SUBSTD: 2,000 PN

PROJECT: Construct a Dining Facility (DFAC) to support 2000 personnel at Tarin Kowt, Afghanistan.

REQUIREMENT: US Forces have an immediate operational need for the expansion of Tarin Kowt to meet operational requirements in RC-South, Afghanistan. In order to facilitate the enduring US mission and its command & control element, all support facilities must be collocated on Tarin Kowt.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tarin Kwot, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	73214

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces in September 2009. Tarin Kowt does not currently have a sustaining capacity to appropriately accommodate all in-coming forces.
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. Without a place to properly cook, serve and partake in meals, US forces stationed at Tarin Kowt are subject 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	930
(c) Total Design Cost	930
(d) Contract	620
(e) In-house	310

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tarin Kwot, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	73214

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tarin Kwot Afghanistan (Afghanistan Various)	Fuel System, Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	411	74145	Auth 11,800 Approp 11,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				8,643
Fuel Stor Sys (tanks,pumps,etc)	m3l(BL)	2,632 (16,555)	2,752	(7,243)
POL Pipeline, Underground	m (LF)	1,600 (5,249)	750.00	(1,200)
Containment Berms	LS	--	--	(196)
Building Information Systems	LS	--	--	(4)
SUPPORTING FACILITIES				1,719
Electric Service	LS	--	--	(572)
Water, Sewer, Gas	LS	--	--	(352)
Paving, Walks, Curbs & Gutters	LS	--	--	(119)
Storm Drainage	LS	--	--	(99)
Site Imp(494) Demo( )	LS	--	--	(494)
Information Systems	LS	--	--	(14)
Antiterrorism Measures	LS	--	--	(69)
ESTIMATED CONTRACT COST				10,362
CONTINGENCY (5.00%)				518
SUBTOTAL				10,880
SUPV, INSP & OVERHEAD (7.70%)				838
TOTAL REQUEST				11,718
TOTAL REQUEST (ROUNDED)				11,800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a fuel distribution & storage system. Project includes storage tanks, secondary containment, offload & upload points, pumping & pump houses, metering, filtering, all related mechanical systems, lighting protection, and administrative office facility. Supporting facilities include site work, security fencing & lighting, and electrical, water, sewer, & storm drainage systems. Antiterrorism/Force Protection measures are included.

11. REQ: 3,785 m3l ADQT: 1,153 m3l SUBSTD: 2,632 m3l

PROJECT: Construct phase 2 of the fuel storage & distribution system at Tarin Kowt, Afghanistan.

REQUIREMENT: Tarin Kowt requires the capability to store and dispense approx 1,000,000 gallons (3785 m3l) of fuel for air & land operations in support of Operation Enduring Freedom (OEF). There is a significant increase in aviation assets at Tarin Kowt with parking, aviation maintenance, and other facilities that require a significant and stable fuel supply to support operational requirements.

CURRENT SITUATION: Currently, Tarin Kowt is rapidly expanding to meet a surge in troops and operations. The fuel storage requirement is being met using expeditionary fuel bladders that are filled by delivery trucks. Fuel

CURRENT SITUATION: (CONTINUED)
delivery can have significant delays during winter months due to inclement weather and road conditions. The fuel trucks are also a safety risk requiring significant manpower for inspection and escort to the bladder farm. The expeditionary bladders have a high maintenance cost require replacement every 2-3 years.
IMPACT IF NOT PROVIDED: If this project is not funded, Tarin Kowt will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss of the COB's critical fuel supply.
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.

	FY2009($000)	Requested FY2010($000)
Authorization	$8,000	$11,800
Authorization of Appropriation	$8,000	$11,800
Appropriation	$8,000	$11,800

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	MAY 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	418
(b) All Other Design Costs	209

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tarin Kwot, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Fuel System, Ph 2	74145

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(c)	Total Design Cost	627
(d)	Contract	418
(e)	In-house	209

(4)	Construction Contract Award	JUL 2010
(5)	Construction Start	AUG 2010
(6)	Construction Completion	JUL 2011

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tarin Kwot Afghanistan (Afghanistan Various)	Waste Management Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74181	Auth 6,800 Approp 6,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,443
Recycling Facility	EA	1 --	100,000	(100)
Incinerator	kg (TON)	14,515 (16)	228.18	(3,312)
Waste Water Treatment Facility	EA	2 --	350,000	(700)
Ash Landfill	m2 (SF)	2,462 (26,500)	137.35	(338)
Hazardous Material Storage Poin	EA	1 --	100,000	(100)
Total from Continuation page				(893)
SUPPORTING FACILITIES				551
Electric Service	LS	--	--	(195)
Water, Sewer, Gas	LS	--	--	(126)
Paving, Walks, Curbs & Gutters	LS	--	--	(65)
Site Imp(155) Demo( )	LS	--	--	(155)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				5,994
CONTINGENCY (5.00%)				300
SUBTOTAL				6,294
SUPV, INSP & OVERHEAD (7.70%)				485
TOTAL REQUEST				6,779
TOTAL REQUEST (ROUNDED)				6,800
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Area. Primary facilities include 16 Ton Incinerator (multiple units), covered storage and sorting facility, solid waste recycling, ash landfill, hazardous waste collection point, and a packaged wastewater treatment plant. Supporting facilities include utilities, site improvements, and pavements.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Area at Tarin Kowt, Afghanistan.

REQUIREMENT: Tarin Kowt 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. There are several projects planned, including a Dining Facility, that will produce significant amounts of solid waste. This facility will ensure proper stewardship of Afghanistan's environment.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tarin Kwot, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74181

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Covered Storage and Sorting Fac	m2	(SF)	696.77	(7,500)	1,066	(743)
Waste Management Office	m2	(SF)	60.39	(650)	1,991	(120)
Antiterrorism Measures	LS		--		--	(30)
					Total	893

IMPACT IF NOT PROVIDED: Without this project, Tarin Kowt will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	252
(b) All Other Design Costs	125
(c) Total Design Cost	377
(d) Contract	252
(e) In-house	125

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tarin Kwot, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Area	74181

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tarin Kwot Afghanistan (Afghanistan Various)	Ammunition Supply Point

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	421	74286	Auth 35,000 Approp 35,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				25,947
Gen Purp Magazine, Installation	m2 (SF)	4,725 (50,859)	4,506	(21,291)
Amm Insp, Repair, Repacking B	m2 (SF)	600 (6,458)	2,599	(1,559)
Site Lighting	EA	20 --	7,500	(150)
Chain Link 3.0 m High	m (LF)	2,600 (8,530)	345.00	(897)
Roads	m2 (SF)	14,200 (152,848)	93.70	(1,331)
Total from Continuation page				(719)
SUPPORTING FACILITIES				4,237
Electric Service	LS	--	--	(1,077)
Water, Sewer, Gas	LS	--	--	(730)
Paving, Walks, Curbs & Gutters	LS	--	--	(600)
Storm Drainage	LS	--	--	(190)
Site Imp(740) Demo( )	LS	--	--	(740)
Antiterrorism Measures	LS	--	--	(900)
ESTIMATED CONTRACT COST				30,184
CONTINGENCY (5.00%)				1,509
SUBTOTAL				31,693
SUPV, INSP & OVERHEAD (7.70%)				2,440
DESIGN/BUILD - DESIGN COST				1,268
TOTAL REQUEST				35,401
TOTAL REQUEST (ROUNDED)				35,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct an Ammunition Supply Point (ASP). Project will include ammunition storage magazines, pre-engineered metal facilities, paved munitions storage pads, lightning protection, site lighting, site work, drainage, paved roadways, fencing, demolition, and generator power.

11. REQ: 5,325 m2 ADQT: NONE SUBSTD: 5,325 m2

PROJECT: Construct Ammunition Supply Point (ASP) in Tarin Kowt, Afghanistan, for at least 3 million pounds net explosive weight (NEW). The ammunition storage igloos will be based on 120,000 lbs NEW storage each and sized at 189 square meters.

REQUIREMENT: Tarin Kowt requires an area to safely receive, store, build, and provide sustained delivery of munitions for up to 10 days of ground and air combat. Construction of an ASP is necessary in order to create efficient operational flow and ensure safe operating conditions.

CURRENT SITUATION: Tarin Kowt has a small munitions storage area. A number of new air and ground missions (including additional Marine attack aircraft) plan to beddown at Tarin Kowt and will require an increase in munitions/ammunition storage that cannot be met by the existing ASP. This project is necessary to enable increased force posture in Afghanistan.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tarin Kwot, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Supply Point	74286

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Lightning Protection System	EA	1 --	550,000	(550)
Ammunition Storage Pad	m2 (SF)	750 (8,073)	225.00	(169)
			Total	719

IMPACT IF NOT PROVIDED: The current ASP will not be able to support munitions storage and operational requirements associated with new missions there. Munitions will either not be available or available on an uncertain and limited basis. This will severely limit the ground combat Commanders' options for combat support in Southern and Eastern Afghanistan. Lack of consistent and reliable munitions storage will place ground combat forces at risk on the battlefield.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	AUG 2010
(d) Date Design Complete	DEC 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	634
(b) All Other Design Costs	222
(c) Total Design Cost	856
(d) Contract	634
(e) In-house	222

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tarin Kwot, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Supply Point	74286

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... FEB 2012

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tombstone/Bastion Afghanistan (Afghanistan Various)	Basic Load Ammunition Holding Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	422	73100	Auth 7,500 Approp 7,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,187
Hot Cargo Pad, Paving, Concrete	m2 (SF)	8,232 (88,609)	350.00	(2,881)
Hot Cargo Pad, Shoulder, A/C	m2 (SF)	15,207 (163,687)	75.00	(1,141)
Rotary Wing Taxiway, A/C Surfac	m2 (SF)	6,093 (65,585)	150.00	(914)
Airfield Taxiway Shoulder, A/C	m2 (SF)	3,350 (36,059)	75.00	(251)
SUPPORTING FACILITIES				1,425
Electric Service	LS	--	--	(850)
Site Imp(575) Demo( )	LS	--	--	(575)
ESTIMATED CONTRACT COST				6,612
CONTINGENCY (5.00%)				331
SUBTOTAL				6,943
SUPV, INSP & OVERHEAD (7.70%)				535
TOTAL REQUEST				7,478
TOTAL REQUEST (ROUNDED)				7,500
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a hazardous cargo pad and access road to the munitions storage area. Provide a concrete pad capable of supporting the full weight and turning radius of a C-5 aircraft. Pad must be far enough away from all inhabited facilities to meet safety requirements. The project also constructs an asphalt pavement road that will support loaded munitions vehicles transporting munitions from the pad to the Ammunitions Storage Point.

11. REQ: 8,232 m2 ADQT: NONE SUBSTD: 8,232 m2

PROJECT: Construct Hot Cargo Pad, Ammo Holding Area, and Access Road, at Camp Bastion, Afghanistan.

REQUIREMENT: There is a critical need to provide an adequately sized Hot Cargo Pad at Camp Bastion. A paved area with tie-downs and mooring points is required for multiple fixed wing and rotary wing aircraft to load and unload explosives and other hazardous cargo from aircraft. Adequate pad space and 381 m separation distance to inhabited facilities is required to ensure a safe transition of hazardous cargo.

CURRENT SITUATION: There is currently no designated hazardous cargo pad on the airfield. Missions carrying dangerous cargo are loaded and unloaded on the taxi-way. This current load/unload area is a safe distance from inhabited facilities; however, it requires the hazardous cargo to be transported to the

CURRENT SITUATION: (CONTINUED)
Ammunition Storage Point on the Northwest side of the airfield. There is no adequate pad that can be utilized for the handling of hazardous cargo. Due to the inadequate ramp space, USAF/USA/USMC personnel, other aircraft, and assets are continually subjected to unsafe operations. Together with the constant threat of rocket fire to Camp Bastion, an enemy rocket attack on a cargo aircraft loaded with munitions would likely cause fatalities as well as damage to aircraft and other equipment.
IMPACT IF NOT PROVIDED: If the Hot Cargo Pad is not constructed, personnel, aircraft, and resources will continue to operate under considerable risk due to the transportation requirements and inadequate areas to operate other aircraft while hazardous cargo is unloaded. Personnel are unnecessarily compromised and the potential for injury/death is substantial.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	MAY 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	277
(b) All Other Design Costs	139
(c) Total Design Cost	416
(d) Contract	277
(e) In-house	139

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUL 2010
(6) Construction Completion	JUL 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Basic Load Ammunition Holding Area	73100

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tombstone/Bastion Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	722	73206	Auth 8,900 Approp 8,900

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,319
Dining Facility	m2 (SF)	2,140 (23,035)	1,330	(2,846)
Information Systems	LS	--	--	(84)
Kitchen Module w/Equipment	m2 (SF)	212 (2,282)	4,483	(950)
Standby Generator	kWe(KW)	1,200 (1,200)	366.24	(439)
SUPPORTING FACILITIES				3,529
Electric Service	LS	--	--	(1,080)
Water, Sewer, Gas	LS	--	--	(1,120)
Paving, Walks, Curbs & Gutters	LS	--	--	(700)
Storm Drainage	LS	--	--	(120)
Site Imp(239) Demo( )	LS	--	--	(239)
Antiterrorism Measures	LS	--	--	(150)
Communication Lines	LS	--	--	(120)
ESTIMATED CONTRACT COST				7,848
CONTINGENCY (5.00%)				392
SUBTOTAL				8,240
SUPV, INSP & OVERHEAD (7.70%)				634
TOTAL REQUEST				8,874
TOTAL REQUEST (ROUNDED)				8,900
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a Dining Facility. A single or multiple facilities may be constructed. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, and mechanical systems. Feeding capacity is 4000 persons per meal; seating capacity is provided to support the desired number of personnel and seatings during each meal period. 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: 4,000 PN ADQT: NONE SUBSTD: 4,000 PN

PROJECT: Construct a Dining Facility (DFAC) at Tombstone/Bastion, Afghanistan.

REQUIREMENT: US Forces have an immediate operational need for the expansion of Tombstone/Bastion to meet operational requirements in RC-South, Afghanistan. In order to facilitate the US mission and its command & control element, all support facilities must be collocated.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. At Tombstone/Bastion, there is no adequate Dining Facility to support

CURRENT SITUATION: (CONTINUED)
the coalition forces currently based at Tomstone. With the increasing population, the exisitng dining facility will not be capable of supporting the incoming personnel.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 4000 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	1,631
(c) Total Design Cost	1,631
(d) Contract	1,087
(e) In-house	544

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	73206

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tombstone/Bastion Afghanistan (Afghanistan Various)	Entry Control Point and Access Roads

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	872	74143	Auth 14,200 Approp 14,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				9,637
Ent Cont Point w/Fenc & Barrier	m2 (SF)	25,000 (269,098)	300.00	(7,500)
Roads	m2 (SF)	11,000 (118,403)	152.54	(1,678)
Guard Towers	EA	6 --	73,709	(442)
Building Information Systems	LS	--	--	(17)
SUPPORTING FACILITIES				2,473
Electric Service	LS	--	--	(202)
Water, Sewer, Gas	LS	--	--	(102)
Paving, Walks, Curbs & Gutters	LS	--	--	(102)
Site Imp(403) Demo( )	LS	--	--	(403)
Information Systems	LS	--	--	(74)
Antiterrorism Measures	LS	--	--	(590)
Information Systems	LS	--	--	(1,000)
ESTIMATED CONTRACT COST				12,110
CONTINGENCY (5.00%)				606
SUBTOTAL				12,716
SUPV, INSP & OVERHEAD (7.70%)				979
DESIGN/BUILD - DESIGN COST				509
TOTAL REQUEST				14,204
TOTAL REQUEST (ROUNDED)				14,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct a new Entry Control Point(ECP) and access roads. Primary Facilities include the entry control facility with inspection area, guard towers, fencing lighting, asphalt roads, and guard towers. Supporting Facilities include electric service, site utilities, site improvements, and antiterrorism/force protection. The project will install government furished force protection equipment such as vehicle scanners and popup barriers.

11. REQ: 36,000 m ADQT: NONE SUBSTD: 36,000 m

PROJECT: Construct Entry Control Point(ECP) and access road at Tombstone/Bastion, Afghanistan. (Current Mission)

REQUIREMENT: US Forces has an immediate need for the expansion of Tombstone/Bastion to support increased capacity and operational requirements in Regional Command-South, Afghanistan. In order to facilitate the US mission, the increase of base development and influx of suppliers/contractors associated with the population surge, an additional ECP with necessary access roads and material transfer points are required to maintain reasonable supply requirements and to prevent delays in mission execution.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Entry Control Point and Access Roads	74143

CURRENT SITUATION: The existing ECP is undersized and inadequately designed. The ECP cannot accommodate the traffic accessing the base that requires inspection. Entering traffic is delayed for hours while being inspected and cleared. There is insufficient staging area for vehicle awaiting inspection and entry, which causes congestion in the area around the ECP.
IMPACT IF NOT PROVIDED: If a new ECP is not constructed, combat operations at Bastion/Tombstone will be at risk for significant disruption. In addition, since the installation is a major supply hub for the rest of the Combined Joint Operations Area, combat operations throughout Afghanistan could 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	MAY 2010
(d) Date Design Complete	AUG 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	254
(b) All Other Design Costs	89
(c) Total Design Cost	343
(d) Contract	254
(e) In-house	89

(4) Construction Contract Award	APR 2010
(5) Construction Start	MAY 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Entry Control Point and Access Roads	74143

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tombstone/Bastion Afghanistan (Afghanistan Various)	Fuel System, Ph 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	411	74144	Auth 14,200 Approp 14,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				10,542
Fuel Stor Sys (tanks,pumps,etc)	m3l(BL)	2,632 (16,555)	2,742	(7,217)
POL Pipeline, Underground	m (LF)	1,600 (5,249)	750.00	(1,200)
POL Control Center/Admin Office	m2 (SF)	743.22 (8,000)	2,540	(1,888)
Containment Berms	LS	--	--	(232)
Building Information Systems	LS	--	--	(5)
SUPPORTING FACILITIES				1,963
Electric Service	LS	--	--	(555)
Water, Sewer, Gas	LS	--	--	(431)
Paving, Walks, Curbs & Gutters	LS	--	--	(174)
Storm Drainage	LS	--	--	(103)
Site Imp(514) Demo( )	LS	--	--	(514)
Information Systems	LS	--	--	(15)
Antiterrorism Measures	LS	--	--	(71)
Information Systems	LS	--	--	(100)
ESTIMATED CONTRACT COST				12,505
CONTINGENCY (5.00%)				625
SUBTOTAL				13,130
SUPV, INSP & OVERHEAD (7.70%)				1,011
TOTAL REQUEST				14,141
TOTAL REQUEST (ROUNDED)				14,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct fuel distribution & storage. Project includes all storage tanks, secondary containment, offload & upload points, pumping & pump houses, metering, filtering, all related mechanical systems, lighting protection, and operational administrative office facility. Supporting facilities include site work, security fencing & lighting, and electrical, water, sewer, & storm drainage systems.

11. REQ: 3,785 m3l ADQT: 1,153 m3l SUBSTD: 2,632 m3l

PROJECT: Construct phase two fuel storage & distribution system at Tombstone/Bastion, Afghanistan. Tombstone/Bastion has a requirement to store one (1) million gallons (3785 m3l) of fuel.

REQUIREMENT: Tomstone/Bastion requires the capability to store and dispense approx 1,000,000 gallons of fuel for air & land operations in support of Operation Enduring Freedom (OEF). There is a significant operational expansion of aviation assets including parking and maintenance facilities. A stable fuel supply is required to ensure misions are not endangered by a lack of fuel supply.

CURRENT SITUATION: Currently, Tombstone/Bastion is rapidly expanding to meet a surge in troops and operations to Regional Command-South. The fuel storage requirement is being met using expeditionary fuel bladders that are filled by

CURRENT SITUATION: (CONTINUED)
delivery trucks. Fuel delivery can have significant delays during winter months due to inclement weather and road conditions. The fuel trucks are also a safety risk requiring significant manpower for inspection and escort to the bladder farm. The expeditionary bladders have a high maintenance cost require replacement every 2-3 years.
IMPACT IF NOT PROVIDED: Without this project, Tombstone/Bastion will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss of the COB's critical fuel supply.
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.

	FY2009($000)	Requested FY2010($000)
Authorization	$8,000	$14,200
Authorization of Appropriation	$8,000	$14,200
Appropriation	$8,000	$14,200

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	MAY 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	503
(b) All Other Design Costs	251

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Fuel System, Ph 2	74144

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(c)	Total Design Cost	754
(d)	Contract	503
(e)	In-house	251

(4)	Construction Contract Award	JUL 2010
(5)	Construction Start	AUG 2010
(6)	Construction Completion	JUN 2011

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tombstone/Bastion Afghanistan (Afghanistan Various)	Roads

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)	
	851	74274	Auth	4,300
			Approp	4,300

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,648
Roads	km (MI)	5 (3.11)	654,500	(3,273)
Corrugated, galvanized pipe for	LS	--	--	(250)
Curb/Gutter 150 mm X 200 mm	m3 (CY)	300 (392.39)	400.00	(120)
Information Stand	EA	30 --	150.00	(5)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				3,648
CONTINGENCY (5.00%)				182
SUBTOTAL				3,830
SUPV, INSP & OVERHEAD (7.70%)				295
DESIGN/BUILD - DESIGN COST				153
TOTAL REQUEST				4,278
TOTAL REQUEST (ROUNDED)				4,300
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct roads. The roads and gravel shoulders will support mission vehicle traffic and provide alternate routes to ease traffic flow, support emergency response vehicles, and providing diversions for construction traffic.

11. REQ: 5 km ADQT: NONE SUBSTD: 5 km

PROJECT: Construct paved roads on Tombstone/Bastion, Afghanistan.

REQUIREMENT: This project is required to provide paved roads on Tombstone/Bastion to support vehicle traffic and provide alternate routes to ease traffic flow and provide diversions for construction traffic. It is critical for emergency response vehicles to be able to reach all base locations and facilities in a timely and safe manner.

CURRENT SITUATION: Traffic is very congested on Tombstone/Bastion due to the limited number of roads. There are currently no paved asphalt roads to support vehicle traffic. This significantly restricts movement especially during the rainy season. Although the country only receives 15 inches of rain annually, the lack of paved surfaces significantly restricts movements due to severe flooding and surface breakdown. In the dry season the reoccurring dust generated by heavy vehicle traffic creates a hazardous dust situation. The

CURRENT SITUATION: (CONTINUED)
road conditions are in a constant state of deterioration, requiring continuous upkeep and maintenance. The repair and maintenance performed by heavy equipment present an additional hazard to all vehicle traffic that must safely circumvent the machines.
IMPACT IF NOT PROVIDED: If not provided, Tombstone/Bastion's ability to react to a force protection threat or emergency will be severely impacted. Also, the FOB will not have a complete transportation system to perform its mission. Finally, deteriorated dirt roads coupled with heavy equipment required to help maintain them represents hazardous situations to all vehicle traffic, greatly increasing the risk of injury to personnel and damage to government equipment.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	AUG 2010
(d) Date Design Complete	DEC 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	76
(b) All Other Design Costs	27
(c) Total Design Cost	103
(d) Contract	76
(e) In-house	27

(4) Construction Contract Award	MAY 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	JAN 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Roads	74274

12. SUPPLEMENTAL DATA: (CONTINUED)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tombstone/Bastion Afghanistan (Afghanistan Various)	Troop Housing, Ph 3

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	74276	Auth 3,250 Approp 3,250

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,325
Relocatable Housing Foundation	EA	8 --	93,300	(746)
Non-Recov Components/Erection	EA	8 --	92,300	(738)
Roads	LS	--	--	(150)
Building Information Systems	LS	--	--	(691)
SUPPORTING FACILITIES				542
Electric Service	LS	--	--	(129)
Water, Sewer, Gas	LS	--	--	(111)
Paving, Walks, Curbs & Gutters	LS	--	--	(30)
Storm Drainage	LS	--	--	(20)
Site Imp(30) Demo( )	LS	--	--	(30)
Information Systems	LS	--	--	(202)
Antiterrorism Measures	LS	--	--	(20)
ESTIMATED CONTRACT COST				2,867
CONTINGENCY (5.00%)				143
SUBTOTAL				3,010
SUPV, INSP & OVERHEAD (7.70%)				232
TOTAL REQUEST				3,242
TOTAL REQUEST (ROUNDED)				3,250
INSTALLED EQT-OTHER APPROP				(2,809)

10.Description of Proposed Construction Construct Troop Housing facilities to support approximately 600 personnel. Primary facilities will include concrete pads and assembly/installation of Relocatable Buildings (RLBs), associated stairways, and hallways. RLBs to be used for housing will be purchased with other appropriations. Supporting facilities include site preparation, pavement, site infrastructure, and heating/ventilation and air conditioning (HVAC). Antiterrorism/Force Protection measures are included.

11. REQ: 4,400 PN ADQT: 1,700 PN SUBSTD: 2,700 PN

PROJECT: Construct Troop Housing, Ph 3, to replace expeditionary housing for personnel at Tombstone/Bastion, Afghanistan. (Current Mission)

REQUIREMENT: The Army has an immediate need for housing facilities at Forward Operating Base(FOB) Tombstone/Bastion to meet requirements in Regional Command-South(RC-S) Afghanistan. US Forces are housed in expeditionary facilities such as tents and plywood & wood frame huts, which does not provide adequate protection from enemy fire and extreme weather conditions.

CURRENT SITUATION: Many personnel based at FOB Tombstone/Bastion are still housed in expeditionary housing, such as tents or plywood & wood frame huts. These facilities are expeditionary in nature and have a maximum 3-5 year life span. Because of their expeditionary construction, they pose an increased

CURRENT SITUATION: (CONTINUED)
safety and health risk and are extremely vulnerable to fire. The inefficient mechanical systems cannot heat or cool to acceptable standards. Due to an absence of insulation, winter temperatures inside the plywood & wood frame huts drop below freezing.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have adequate, safe housing after being deployed to Afghanistan. US Forces will continue living if tents and plywood & wood frame huts that provide no protection from enemy fire or extreme weather conditions. The combat readiness of personnel is negatively impacted due to living in tents or plywood & wood frame huts that pose a fire hazard and are not insulated from continuous exposure to the elements. The plywood & wood frame huts will have to be replaced on a case-by-case basis, diverting funds away from the warfighter missions in order to improve the safety and quality of life for military housing.
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.

	FY2009($000)	FY2009($000)	Requested FY2010($000)	FY2010($000)	FYDP
Authorization	$8,700	$5,200	$3,250	$3,800	TBD
Authorization of Appropriation	$8,700	$5,200	$3,250	$3,800	TBD
Appropriation	$8,700	$5,200	$3,250	$3,800	TBD

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... APR 2009
(b) Percent Complete As Of January 2009..... .00
(c) Date 35% Designed..... DEC 2009
(d) Date Design Complete..... JUN 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

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Troop Housing, Ph 3	74276

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications.....	114
(b) All Other Design Costs.....	57
(c) Total Design Cost.....	171
(d) Contract.....	114
(e) In-house.....	57
(4) Construction Contract Award.....	JUL 2010
(5) Construction Start.....	AUG 2010
(6) Construction Completion.....	MAR 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Relocatable Housing	2010	2010	2,500
Info Sys - ISC	OPA	2012	309
		TOTAL	2,809

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tombstone/Bastion Afghanistan (Afghanistan Various)	Level 3 Medical Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	510	74291	Auth 16,500 Approp 16,500

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,575
Medical Center/Hospital	m2 (SF)	3,654 (39,331)	3,085	(11,273)
Rotary-Wing Landing Pads	m2 (SF)	3,719 (40,031)	350.00	(1,302)
SUPPORTING FACILITIES				2,002
Electric Service	LS	--	--	(950)
Water, Sewer, Gas	LS	--	--	(350)
Paving, Walks, Curbs & Gutters	LS	--	--	(244)
Storm Drainage	LS	--	--	(58)
Site Imp(250) Demo( )	LS	--	--	(250)
Commo (Fiber Optic)	LS	--	--	(150)
ESTIMATED CONTRACT COST				14,577
CONTINGENCY (5.00%)				729
SUBTOTAL				15,306
SUPV, INSP & OVERHEAD (7.70%)				1,179
CATEGORY E EQUIPMENT				50
TOTAL REQUEST				16,535
TOTAL REQUEST (ROUNDED)				16,500
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a new hospital to include all required special use areas. The hospital has 23 beds, 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 facilites include 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. Force protection site features include earthen berms and exterior lighting. Medical Equipment will be purchased with other appropriations.

11. REQ: 23 BD ADQT: NONE SUBSTD: 23 BD

PROJECT: Construct a 23-bed hospital and support facilities at Tombstone/Bastion, Afghanistan.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Level 3 Medical Facility	74291

REQUIREMENT: This project is required to provide adequate medical service to the region. There is currently no medical facility, but this base capacity is being increas to over 20,000 personnel. Without this facility personnel will have to be transported to another medical facility 250 miles away.
CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Bastion does not have medical facilities adequate enough to provide support for additional personnel.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have a designated and enduring location to conduct military operations after being deployed to the Afghanistan AOR. Without a medical facility provided, the COB will be severely limited in their lifesaving and preventative medicine capability significantly degrading US resources 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	JAN 2010
(d) Date Design Complete	JUL 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	612
(b) All Other Design Costs	306
(c) Total Design Cost	918
(d) Contract	612
(e) In-house	306

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010
(6) Construction Completion	AUG 2012

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Level 3 Medical Facility	74291

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tombstone/Bastion Afghanistan (Afghanistan Various)	Water Supply and Distribution System

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	841	74319	Auth 6,200 Approp 6,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,282
Water Well	EA	3 --	125,000	(375)
Water Storage Tanks	L (GA)	1703435 (450,000)	.65	(1,107)
Pump Station	EA	3 --	250,000	(750)
Water Distribution Lines	LS	--	--	(2,000)
Antiterrorism Measures	LS	--	--	(50)
SUPPORTING FACILITIES				983
Electric Service	LS	--	--	(470)
Paving, Walks, Curbs & Gutters	LS	--	--	(88)
Storm Drainage	LS	--	--	(75)
Site Imp(335) Demo( )	LS	--	--	(335)
Antiterrorism Measures	LS	--	--	(15)
ESTIMATED CONTRACT COST				5,265
CONTINGENCY (5.00%)				263
SUBTOTAL				5,528
SUPV, INSP & OVERHEAD (7.70%)				426
DESIGN/BUILD - DESIGN COST				221
TOTAL REQUEST				6,175
TOTAL REQUEST (ROUNDED)				6,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct Water Wells, Pump Stations, and Water Storage System. Primary facilities include three wells, pumping stations and storage tanks. Supporting facilities include generated electrical service, supporting utilities, minor site improvements, and pavements.

11. REQ: 1,703,435 L ADQT: NONE SUBSTD: 1,703,435 L

PROJECT: Construct Water Wells with Pumps and Water Storage System at Forward Operations Base (FOB), Tombstone/Bastion, Afghanistan.

REQUIREMENT: Tombstone/Bastion will require an efficient infrastructure to support its operations in Regional Command-East (RC-E). It will ultimately maintain facilities supporting 5500 Soldiers. Based on the consumption planning factor of 50 gallons per day(gpd) per Soldier, and taking into consideration the conversion loss of non-potable water to potable water, also the increased storage requirement due to the surge, the minimum water storage requirement is 450,000 gallons (1,703,435 L).

CURRENT SITUATION: Currently, FOB Tombstone/Bastion is rapidly expanding to meet a surge in troops and operations to RC-E. There are several facilities planned or under construction that will increase water storage and distribution requirements.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Water Supply and Distribution System	74319

IMPACT IF NOT PROVIDED: Without this project, Tombstone/Bastion will be forced to operate without the facilites required to properly supply water.
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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	JUN 2010
(d) Date Design Complete	NOV 2010
(e) Parametric Cost Estimating Used to Develop Costs	NO

(f) Type of Design Contract: Design-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	110
(b) All Other Design Costs	39
(c) Total Design Cost	149
(d) Contract	110
(e) In-house	39

(4) Construction Contract Award	AUG 2010
(5) Construction Start	SEP 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Water Supply and Distribution System	74319

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Tarin Kwot Afghanistan (Afghanistan Various)	Troop Housing, Ph 4

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	721	74329	Auth 3,800 Approp 3,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,413
Relocatable Housing Foundation	EA	9 --	93,300	(840)
Non-Recov Components/Erection	EA	9 --	92,300	(831)
Community Activities Center	m2 (SF)	280 (3,014)	2,650	(742)
SUPPORTING FACILITIES				932
Electric Service	LS	--	--	(217)
Water, Sewer, Gas	LS	--	--	(330)
Paving, Walks, Curbs & Gutters	LS	--	--	(75)
Storm Drainage	LS	--	--	(65)
Site Imp(195) Demo( )	LS	--	--	(195)
Antiterrorism Measures	LS	--	--	(50)
ESTIMATED CONTRACT COST				3,345
CONTINGENCY (5.00%)				167
SUBTOTAL				3,512
SUPV, INSP & OVERHEAD (7.70%)				270
TOTAL REQUEST				3,782
TOTAL REQUEST (ROUNDED)				3,800
INSTALLED EQT-OTHER APPROP				(3,500)

10.Description of Proposed Construction Construct Troop Housing facilities to support approximately 670 personnel. Primary facilities will include concrete pads, assembly and installation of Relocatable Buildings (RLBs), associated stairways, and hallways. RLBs will be purchased with other appropriations. Supporting facilities include site preparation, pavement, site infrastructure, heating/ventilation and air conditioning (HVAC). Antiterrorism/Force Protection measures are included.

11. REQ: 4,400 PN ADQT: 2,300 PN SUBSTD: 2,100 PN

PROJECT: Construct Troop Housing, Ph 4, at Tombstone/Bastion, Afghanistan. (Current Mission)

REQUIREMENT: The Army has an immediate need for housing facilities at Forward Operating Base(FOB) Tombstone/Bastion to meet requirements in southern Afghanistan. Many U.S. Forces are housed in expeditionary facilities such as tents and plywood & wood frame huts, which do not provide adequate protection from enemy fire and extreme weather conditions.

CURRENT SITUATION: Many personnel based at FOB Tombstone/Bastion are still housed in expeditionary housing, such as tents or plywood & wood frame huts. These buildings are expeditionary in nature and have a maximum 3-5 year life span. Because of their expeditionary construction, they pose an increased

CURRENT SITUATION: (CONTINUED)
safety and health risk and are extremely vulnerable to fire. The inefficient mechanical systems cannot heat or cool to acceptable standards. Due to an absence of insulation, winter temperatures inside the plywood & wood frame huts drop below freezing.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have adequate, safe housing after being deployed to Afghanistan. US Forces will continue living if tents and plywood & wood frame huts that provide no protection from enemy fire or extreme weather conditions. The combat readiness of personnel is negatively impacted due to living in tents or plywood & wood frame huts that pose a fire hazard and are not insulated from continuous exposure to the elements. The plywood & wood frame huts will have to be replaced on a case-by-case basis, diverting funds away from the warfighter missions in order to improve the safety and quality of life for military housing.
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.

	FY2009($000)	FY2009($000)	FY2010($000)	Requested FY2010($000)	FYDP
Authorization	$8,700	$5,200	$3,250	$3,800	TBD
Authorization of Appropriation	$8,700	$5,200	$3,250	$3,800	TBD
Appropriation	$8,700	$5,200	$3,250	$3,800	TBD

12. SUPPLEMENTAL DATA:
A. Estimated Design Data:
(1) Status:
(a) Date Design Started..... APR 2009
(b) Percent Complete As Of January 2009..... .00
(c) Date 35% Designed..... DEC 2009
(d) Date Design Complete..... JUN 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

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Tarin Kwot, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Troop Housing, Ph 4	74329

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications.....	133
(b) All Other Design Costs.....	66
(c) Total Design Cost.....	199
(d) Contract.....	133
(e) In-house.....	66

(4) Construction Contract Award.....	JUL 2010
(5) Construction Start.....	AUG 2010
(6) Construction Completion.....	MAR 2011

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
Relocatable Housing	2010	2010	3,500
		TOTAL	3,500

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Wolverine Afghanistan (Afghanistan Various)	Dining Facility

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	722	73218	Auth 2,200 Approp 2,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				1,092
Dining Facility	m2 (SF)	535 (5,759)	1,330	(712)
Information Systems	LS	--	--	(32)
Kitchen Module w/Equipment	m2 (SF)	53 (570.49)	4,483	(238)
Standby Generator	kWe(KW)	300 (300)	366.24	(110)
SUPPORTING FACILITIES				845
Electric Service	LS	--	--	(280)
Water, Sewer, Gas	LS	--	--	(260)
Paving, Walks, Curbs & Gutters	LS	--	--	(175)
Storm Drainage	LS	--	--	(30)
Site Imp(60) Demo( )	LS	--	--	(60)
Antiterrorism Measures	LS	--	--	(20)
Communication	LS	--	--	(20)
ESTIMATED CONTRACT COST				1,937
CONTINGENCY (5.00%)				97
SUBTOTAL				2,034
SUPV, INSP & OVERHEAD (7.70%)				157
TOTAL REQUEST				2,191
TOTAL REQUEST (ROUNDED)				2,200
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction

Construct a Dining Facility. Primary facility includes a kitchen, seating area, storage area, electrical distribution, water storage tanks, water and sewage distribution systems, mechanical systems, and building information systems. Kitchen capacity is 1,000 persons per meal; seating capacity is provided to support the desired number of personnel and seating during each meal period. 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. Antiterrorism/Force Protection measures will be included.

11. REQ: 1,000 PN ADQT: NONE SUBSTD: 1,000 PN

PROJECT: Construct a Dining Facility at Camp Wolverine, Afghanistan, to support 1000 personnel.

REQUIREMENT: US Forces have an immediate operational need for the expansion of the Camp Wolverine to meet operational requirements in RC-South, Afghanistan. There is no adequate Dining Facility at COB Wolverine to provide the required feeding capability for the increased surge population.

CURRENT SITUATION: US Forces are currently planned to augment forces in Afghanistan and will require a contingency operating base for rotational forces. Wolverine does not currently have a sustaining capacity to

CURRENT SITUATION: (CONTINUED)
appropriately accommodate all in-coming forces.
IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have an adequate Dining Facility to provide meals to over 1,000 personnel or maintain high standards of sanitary cooking and food preparation. Without a place to properly cook, serve and partake in meals, US forces stationed at Qalat are subject 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	DEC 2009
(d) Date Design Complete	MAY 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	
(b) All Other Design Costs	474
(c) Total Design Cost	474
(d) Contract	316
(e) In-house	158

(4) Construction Contract Award	JUL 2010
(5) Construction Start	AUG 2010
(6) Construction Completion	NOV 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Wolverine, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Dining Facility	73218

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Wolverine Afghanistan (Afghanistan Various)	Fuel System, Ph 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	411	74146	Auth 5,800 Approp 5,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,541
Fuel Storage System(tanks,pumps	m3l(BL)	1,153 (7,252)	2,752	(3,173)
POL Pipeline, Underground	m (LF)	350 (1,148)	750.00	(263)
Containment Berms	LS	--	--	(100)
Building Information Systems	LS	--	--	(5)
SUPPORTING FACILITIES				1,571
Electric Service	LS	--	--	(554)
Water, Sewer, Gas	LS	--	--	(226)
Paving, Walks, Curbs & Gutters	LS	--	--	(121)
Storm Drainage	LS	--	--	(101)
Site Imp(504) Demo( )	LS	--	--	(504)
Information Systems	LS	--	--	(15)
Antiterrorism Measures	LS	--	--	(50)
ESTIMATED CONTRACT COST				5,112
CONTINGENCY (5.00%)				256
SUBTOTAL				5,368
SUPV, INSP & OVERHEAD (7.70%)				413
TOTAL REQUEST				5,781
TOTAL REQUEST (ROUNDED)				5,800
INSTALLED EQT-OTHER APPROP				()

10.Description of Proposed Construction Construct fuel distribution & storage system. Project includes storage tanks, secondary containment, offload & upload points, pumping & pump houses, metering, filtering, all related mechanical systems, lighting protection, and operational administrative office facility. Supporting facilities include site work, security fencing & lighting, and electrical, water, sewer, & storm drainage systems.

11. REQ: 3,785 m3l ADQT: NONE SUBSTD: 3,785 m3l

PROJECT: Construct phase one of the fuel storage & distribution system at Camp Wolverine, Zabul, Afghanistan. This project provides 1153 m3l of fuel storage.

REQUIREMENT: Camp Wolverine requires the capability to store and dispense approx 1,000,000 gallons (3785 m3l) of fuel in support of air & land operations for the Global War on Terrorism in Operation Enduring Freedom (OEF).

CURRENT SITUATION: Currently, Camp Wolverine is barebase and rapidly expanding to meet a surge in troops and operations to RC-S. There are several large facility projects planned for Wolverine , including a runway, housing, and BDE HQ, that will require a large amounts of fuel to operate.

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Wolverine, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Fuel System, Ph 1	74146

IMPACT IF NOT PROVIDED: Without this project, Wolverine will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use and requires frequent & expensive replacement. Furthermore, expeditionary systems are vulnerable to enemy attack that could cause injury or loss of the COB's critical fuel supply.
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.

	Requested FY2010($000)	FYDP
Authorization	$5,800	TBD
Authorization of Appropriation	$5,800	TBD
Appropriation	$5,800	TBD

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	FEB 2010
(d) Date Design Complete	MAY 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	205
(b) All Other Design Costs	102
(c) Total Design Cost	307
(d) Contract	205
(e) In-house	102

(4) Construction Contract Award: JUL 2010

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Wolverine, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Fuel System, Ph 1	74146

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... AUG 2010

(6) Construction Completion..... MAY 2011

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

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

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Wolverine Afghanistan (Afghanistan Various)	Waste Management Complex

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	833	74169	Auth 6,900 Approp 6,900

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				5,593
Recycling Facility	EA	1 --	150,000	(150)
Incinerator Units	kg (TON)	14,515 (16)	228.18	(3,312)
Compost Facility	EA	1 --	100,000	(100)
Medical Incinerator	EA	1 --	650,000	(650)
Haz Mat Storage Point	EA	1 --	150,000	(150)
Total from Continuation page				(1,231)
SUPPORTING FACILITIES				498
Electric Service	LS	--	--	(140)
Water, Sewer, Gas	LS	--	--	(88)
Paving, Walks, Curbs & Gutters	LS	--	--	(45)
Storm Drainage	LS	--	--	(60)
Site Imp(155) Demo( )	LS	--	--	(155)
Antiterrorism Measures	LS	--	--	(10)
ESTIMATED CONTRACT COST				6,091
CONTINGENCY (5.00%)				305
SUBTOTAL				6,396
SUPV, INSP & OVERHEAD (7.70%)				492
TOTAL REQUEST				6,888
TOTAL REQUEST (ROUNDED)				6,900
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Waste Mangagement Complex. Primary facilities include 16 Ton incinerator (multiple units), solid waste recycling, ash landfill, composting facility, medical waste incinerator, hazardous waste collection point, and a packaged wastewater treatment plant. Supporting facilities include electrical service, utilities, site improvements, and pavements.

11. REQ: 14,515 kg ADQT: NONE SUBSTD: 14,515 kg

PROJECT: Construct a Waste Management Complex at Camp Wolverine, Afghanistan.

REQUIREMENT: Camp Wolverine is a Battalion-sized location that will require efficient infrastructure to support its operations in Regional Command-South (RC-S). A comprehensive waste management complex is required to meet environmental requirements. 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.

CURRENT SITUATION: Currently, waste is disposed of through burning in open pits or burying it in land fills. These methods create unsafe, unhealthy emissions, and contaminates the surrounding air and ground. It creates a danger to personnel and potential long-term harm to the local environment.

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Ash Landfill	m2	(SF)	2,462	(26,500)	137.35	(338)
Covered Storage and Sorting Fac	m2	(SF)	696.77	(7,500)	1,066	(743)
Waste Management Office	m2	(SF)	60.39	(650)	1,991	(120)
Antiterrorism Measures	LS			--	--	(30)
					Total	1,231

IMPACT IF NOT PROVIDED: Without this project, Wolverine will be forced to operate without the facilites required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future.

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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	APR 2009
(b) Percent Complete As Of January 2009	.00
(c) Date 35% Designed	NOV 2009
(d) Date Design Complete	APR 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	256
(b) All Other Design Costs	127
(c) Total Design Cost	383
(d) Contract	256
(e) In-house	127

(4) Construction Contract Award	JUN 2010
(5) Construction Start	JUN 2010
(6) Construction Completion	MAR 2011

1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION

Camp Wolverine, Afghanistan (Afghanistan Various)

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Management Complex	74169

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated Or Requested	Cost ($000)
NONE			

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Minor Construction Worldwide Various	Minor Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	000	74632	Auth 20,000 Approp 20,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				20,000
Minor Construction, worldwide V	LS	--	--	(20,000)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				20,000
CONTINGENCY (.00 %)				0
SUBTOTAL				20,000
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				20,000
TOTAL REQUEST (ROUNDED)				20,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Unspecified minor construction projects which have a funded cost of $2,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title 10 USC 2805. The funded cost limit is $3,000,000 if the project is intended solely to correct a deficiency that is life threatening, health threatening, or safety threatening.

11. REQ: NA ADQT: NA SUBSTD: NA

PROJECT: Minor military construction, worldwide.

REQUIREMENT: This line item is needed to provide for unspecified projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program.

CURRENT SITUATION: These urgent unforeseen projects address high national priorities such as critical mission requirements, environmental protection, health, and safety. These projects can not wait until the next annual budget submission.

IMPACT IF NOT PROVIDED: If not provided, the Army will not be able to address urgent and unforeseen requirements that arise during the year.

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1.COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		11 MAY 2009

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Planning and Design Worldwide Various	Planning & Design

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	000	74631	Auth 76,284 Approp 76,284

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				76,284
Planning & Design, Worldwide Va	LS	--	--	(76,284)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				76,284
CONTINGENCY (.00 %)				0
SUBTOTAL				76,284
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				76,284
TOTAL REQUEST (ROUNDED)				76,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction This item provides for: parametric, concept, and final design of major and unspecified minor construction projects; value engineering; and the development of standards and criteria for Army facilities in conjunction with the Navy and Air Force.

11. REQ: NA ADQT: NA SUBSTD: NA

PROJECT: Planning and design funds.

REQUIREMENT: This funding is required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard designs (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2010 program; for advancement to final design of projects in FY 2011 and for initiation of design of projects in FY 2012. The funds request for the annual planning and design requirement includes value

REQUIREMENT: (CONTINUED)

engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army (DA) Facility Standardization Program.