



**Fiscal Year 2007 Supplemental Budget Estimate**

**Military Construction, Army  
Construction Project Data**

**February 2007**

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DEPARTMENT OF DEFENSE

MILITARY CONSTRUCTION

Military Construction, Army

For an additional amount for “Military Construction, Army”, \$1,381,290,000, to remain available until September 30, 2011: 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 \$1,381,290,000 to fund various military construction projects to support Operations Iraqi Freedom, Enduring Freedom, U.S. troops in Fort Meade and Fort Riley. The requested funds will provide force protection measures, airfield facilities, operational facilities, support facilities, billeting, fuel handling & storage, utility systems, and roads. Request also provides funding for Growth in Force construction initiative.

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**DEPARTMENT OF THE ARMY  
FY 2007 Supplemental Request  
Narrative Justification**

**Summary by Category**

**Category – Military Construction**

	<u>FY07</u>	
	<u>Supplemental</u>	<u>Total</u>
MILCON	\$1,379,790	\$1,379,790
BCT Acceleration	<u>\$1,500</u>	<u>\$1,500</u>
Total	\$1,381,290	\$1,381,290

1. **Introduction.** This request supports various military construction projects that fulfill Operation Iraqi Freedom and Operation Enduring Freedom theater infrastructure requirements.

2. **MILCON**

The request supports the National Strategy for the Global War on Terror and the U.S. Central Command (USCENTCOM) Theater Strategy military objectives. The requested funds provide projects critical to the support of deployed warfighters, operational requirements for airfields, command and control, and support facilities to ensure safe and efficient military operations, and vital route hardening to Counter the IED threat of Convoys in Afghanistan. These projects fulfill the Departments immediate mission needs and urgent infrastructure requirements in the theater of operations.

- **Force Protection:** Security of forces is a primary concern. Entry Control Points at Camp Anaconda, Iraq are required to efficiently and safely inspect and pass vehicular traffic onto the post while maintaining a safe stand off distance from potential threats. Perimeter Fencing and Guard Towers are an urgent need for Bagram, Afghanistan to correct force protection issues with the aging system currently in place.
- **Life Support Requirements:** These projects are aimed at the basic needs to maintain military forces in austere environments. The storage and production of potable water and the treatment of waste water are urgently needed at Bagram, Afghanistan and Camps Anaconda and Al Asad, Iraq. These projects will correct long standing deficiencies in the camps infrastructure while greatly reducing the number of trucks required to enter and exit these installations daily to deliver water and take away human waste. This reduces force protection concerns and increases the capability of the camps to support their population. Electrical production and distribution grids are required at Bagram, Afghanistan and Al Asad, Iraq to replace failing expeditionary systems as well increase the camps capability to perform their missions.

- **Operational Requirements:** Fuel Storage, Air Field Infrastructure, C4I, RSOI and barracks are required to support current and future operations across the theater of operations. Bulk Fuel Storage, a new communications facility, additional barracks and a Reception, Staging, Onward-movement & Integration Surge Area are required to sustain current operations conducted out of Bagram, Afghanistan. Fuel storage tanks at Bagram increase the overall efficiency, force protection and safety of fueling operations and increases the on hand fuel capacity needed to support combat operations. Currently Bagram has all its fuel stored in Bag Farms that require constant maintenance and periodic replacement. The majority of Bagram's population live in a collection of decaying wooden barracks (B Huts), the additional troop barracks replaces these structures and postures Bagram for an enduring presence. Similarly airfield ramps and runway projects are required in Al Asad, Iraq to support current combat and support air missions (Heavy & Transient Aircraft Apron and Runway with Shelters) as well as the needed Detainee Interrogation Facility.
- **Counter Improvised Explosive Device (IED) Roads and Base Camp Roads:** There are three projects in this category. The largest project is Counter IED Roads in Afghanistan. Paving of roads in Afghanistan greatly reduces the IED threat to US forces. This has been shown by a study that related IED incidents on roads that had been paved. The study revealed that paving IED hot spots reduces the ability of the Insurgents to plant IEDs in the road way (the normal method of placement in Afghanistan) and enhances our forces ability to visually detect IED's when the insurgents attempted to place them on paved roads. Their experience has shown that paving is one of the most effective means of stopping IEDs in Afghanistan. This project covers 21 IED hot spots; the normal length of paving for each is approximately 10KM. The remaining projects in this category provide internal camp roads at Anaconda, Iraq and Bagram, Afghanistan. These roads are required for normal base operations; currently Bagram has only one road that runs through the middle of the camp causing traffic congestion and force protection problems.
- **Operational Sustainment and Replacement:** This category covers the replacement of existing facilities in various locations in Iraq. They also allow the consolidation of camps being operated to support ongoing combat operations. These funds will replace unserviceable tents, containerized housing units and some Dining Facilities in our remaining camps and expand current capabilities to accommodate surge needs and supports the Multinational Force Iraq, Operation Overwatch Strategy.

In addition, funding will support the replacement of a critical intelligence facility at Fort Meade, Maryland recently destroyed by fire, and construction associated with growth in force.

### **3. Brigade Combat Team/Regimental Combat Team**

The requested funds will provide site preparation funding for interim barracks at Fort Riley, KS needed to support an accelerated FY07 Brigade Combat fielding in support of the GWOT.

**FY 2007 Military Construction Supplemental Request  
Military Construction, Army**

(\$ in thousands)

<u>Project Name</u>	<u>Project No.</u>	<u>FY 2007 Request</u>	<u>Page No.</u>
<b>United States</b>			
Kansas			
Fort Riley			
Site Prep Accelerated BCT	68464	\$1,500	<b>37</b>
Total Fort Riley		\$1,500	
Total Kansas		\$1,500	
Maryland			
Fort Meade			
Administrative Facility	68172	\$42,000	<b>41</b>
Total Fort Meade		\$42,000	
Total Maryland		\$42,000	
Total United States		\$43,500	
<b>Afghanistan</b>			
Bagram Air Base			
Bulk Fuel Storage, Phase 1	67384	\$9,500	<b>45</b>
Bulk Fuel Storage, Phase 2	65556	\$25,000	<b>49</b>
WWTP and Sewer Collection	62839	\$16,500	<b>53</b>
Water Treatment and Distribution	62840	\$22,000	<b>57</b>
Electrical Distribution/Utility Chase	64093	\$17,500	<b>61</b>
Storm Water Collection	64126	\$5,600	<b>65</b>
Communication System Facility	64091	\$8,200	<b>69</b>
CMU Barracks	64092	\$17,000	<b>73</b>
Perimeter Fence and Guard Towers	64094	\$8,900	<b>77</b>
Reception Staging Onward Movement & Integration (RSOI) Surge Area	66811	\$14,000	<b>81</b>
New Roads	64131	\$26,000	<b>85</b>
Combat Air Ramp	68610	\$10,800	<b>89</b>
Strategic Ramp	68612	\$17,800	<b>93</b>
Total Bagram Air Base, Afghanistan		\$198,800	
Kabul			
Consolidated Compound	66770	\$25,600	<b>97</b>
Total Kabul, Afghanistan		\$25,600	

**FY 2007 Military Construction Supplemental Request  
Military Construction, Army**

(\$ in thousands)

<u>Project Name</u>	<u>Project No.</u>	<u>FY 2007 Request</u>	<u>Page No.</u>
Various Locations, Afghanistan			
Road Freedom/Asabalad to Blessing	67386	\$17,500	<b>101</b>
Road Naray to Kamdash	67347	\$27,000	<b>105</b>
Road Asmar to Naray	67221	\$9,700	<b>109</b>
Road Jalalabad to Shali Kot	67220	\$15,000	<b>113</b>
Road South of Jalalabad	67225	\$6,800	<b>117</b>
Road Through Sharana	67223	\$7,300	<b>121</b>
Road West of Orgun-E	67228	\$7,300	<b>125</b>
Road South of Sharana	67226	\$33,000	<b>129</b>
Road Khowst to BSP9	67222	\$7,900	<b>133</b>
Road FB Chamkani to PAK Border	67198	\$13,000	<b>137</b>
Road West of Khwest	67227	\$9,700	<b>141</b>
Road North of Waza Kwah	67219	\$36,000	<b>145</b>
Road Qalat to Mazan	67345	\$30,000	<b>149</b>
Road Qalat to Shinkay	67346	\$57,000	<b>153</b>
Road Tarin Kowt to Oshay	67342	\$34,000	<b>157</b>
Dry Stream Bed Crossing 1, BAF to Kabul	67199	\$8,300	<b>161</b>
Dry Stream Bed Crossing 2, BAF to Kabul	67217	\$8,300	<b>165</b>
Dry Stream Bed Crossing 3, BAF to Kabul	67218	\$34,000	<b>169</b>
Road from Crossing 1 to Crossing 2	67231	\$3,550	<b>173</b>
Road from Crossing 2 to Crossing 3	67229	\$790	<b>177</b>
Road from Crossing 3 out to 5KM	67230	\$3,550	<b>181</b>
Total Various Locations, Afghanistan		\$369,690	
Total Afghanistan		\$594,090	
<b>Iraq</b>			
Al Asad			
Heavy Aircraft Apron	67372	\$14,400	<b>185</b>
Transient Aircraft Apron	67373	\$4,150	<b>189</b>
Runway with Shelters	67374	\$13,600	<b>193</b>
Detainee Interrogation Facility	67291	\$5,500	<b>197</b>
Water Storage Tanks	67360	\$14,000	<b>201</b>
Electrical Infrastructure Upgrades	67285	\$14,600	<b>205</b>
Total Al Asad, Iraq		\$66,250	
LSA Anaconda			
North Entry Control Point	67366	\$7,400	<b>209</b>
South Entry Control Point	67367	\$7,500	<b>213</b>
CJSOAC Operations Center	67295	\$3,450	<b>217</b>
Truck Lane Access Road	67368	\$2,600	<b>221</b>
Water Wells	67369	\$2,200	<b>225</b>
Water Storage Tanks	67370	\$10,000	<b>229</b>
POL Tanks	67371	\$9,900	<b>233</b>
Total Anaconda, Iraq		\$43,050	

**FY 2007 Military Construction Supplemental Request  
Military Construction, Army**

(\$ in thousands)

<u>Project Name</u>	<u>Project</u>	<u>FY 2007 Request</u>	<u>Page No.</u>
	<u>No.</u>		
Balad			
Ammunition Storage Facility	68614	\$22,100	<b>237</b>
Airfield Overrun	68613	\$15,700	<b>241</b>
Total Balad, Iraq		\$37,800	
Various Locations, Iraq			
Life Support Areas, Operational Overwatch	67406	\$75,000	<b>245</b>
Facilities Replacement	67595	\$96,000	<b>249</b>
Total Various Locations, Iraq		\$171,000	
Total Iraq		\$318,100	
<b>Worldwide, Various Locations</b>			
Growth in Force Projects	68536	\$250,000	<b>253</b>
Planning & Design	67535	\$175,600	<b>255</b>
Total Worldwide, Various Locations		\$425,600	
Total Military Construction, Army		\$1,381,290	

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## Summary of Military Construction Projects

Component: ARMY

**Category:** Support Facility

**Project:** Site Prep Accelerated BCT (PN 68464)

**Location:** Fort Riley

**Amount(\$000):** \$1,500

**Description/Justification:** This project is for site preparation and utility work to support the construction of temporary relocatable buildings.

**Impact if not provided:** If not provided, the lack of facilities will prevent the mission.

**Category:** Support Facility

**Project:** Administrative Facility (PN 68172)

**Location:** Fort Meade

**Amount(\$000):** \$42,000

**Description/Justification:** This project will construct a military intelligence administrative and operation center which includes sensitive compartmented information facility (SCIF), special secured areas, administrative offices, laboratories, polygraph suites and including supporting facilities. The existing facility was destroyed by fire on October 20, 2006.

**Impact if not provided:** If this facility is not provided, the special mission within the 902<sup>nd</sup> Military Intelligence Group operations will be detrimentally impacted.

## Summary of Military Construction Projects

**Category:** Fuel Handling and Storage

**Project:** Bulk Fuel Storage, Phase 1 (PN 67384)

**Location:** Bagram Air Base (AB), Afghanistan

**Amount (\$000):** \$9,500

**Description/Justification:** This project will construct a 20,000 barrel fuel storage farm. Currently, the sole method for fuel delivery is via host nation contractors in fuel trucks. The normal supply route takes a minimum of 7-8 days through treacherous mountain areas. Delays from harsh weather or holidays are causing delivery time to double and jeopardizing the mission. This project corrects mission-critical fuel storage vulnerabilities as well as life, health, and safety deficiencies.

**Impact if not provided:** If not provided, Bagram AB's current mission, as well as additional missions brought on by the closure of Karshi Khanabad, will be at risk of mission interruption due to fuel shortages.

**Category:** Fuel Handling and Storage

**Project:** Fuel Tank Farm Phase 2 (PN 65556)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$25,000

**Description/Justification:** This project will construct additional fuel farm facilities on Bagram Air Base. The installation's sole source for fuel delivery is via Afghan Contractors using trucks. The normal supply route takes a minimum of 7-8 days, and carries them through the treacherous Pakistan and Afghanistan Mountains. During the harsh winter months and holiday seasons, the delivery time doubles and causes unavoidable delays in fuel receipt.

**Impact if not provided:** If not provided, a significant loss of mission capability will incur.

## Summary of Military Construction Projects

**Category:** Utilities

**Project:** Wastewater Treatment Plant and Sewer Collection (PN 62839)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$16,500

**Description/Justification:** This project will construct a waste water treatment plant. The installation currently trucks sewage off base because there are no sewage systems on Bagram Air Base. Most of the buildings have separate sewer tanks that must be pumped out and the product taken off base to be disposed of. The trucking process is extremely expensive and time consuming. The trucks must be inspected and searched prior to entering and leaving the base, which poses a great force protection risk.

**Impact if not provided:** The constant transfer process from tanks to trucks results in frequent leaks that leaves waste water spilled on the ground. This sewage removal process creates traffic congestion resulting in disruption of operations and exposes U.S. personnel to additional risk.

**Category:** Utilities

**Project:** Water Treatment and Distribution (PN 62840)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$22,000

**Description/Justification:** This project will construct a water treatment system on Bagram Air Base. The existing supply of drinking/potable water is accomplished by contractors at a high cost. The contractors truck potable water from wells off base to holding tanks on-post and pick up gray water for disposal at off-post sites. This is an expensive process. In addition, the water bags known as blivets must be replaced approximately every year and often leak and cause water to be spilled on the ground.

**Impact if not provided:** If not provided, the water distribution will continue to be a problem at Bagram Air Base. The base will continue to spend a lot of money to have delivered fresh water and to dispose of gray water. Also, personnel are at risk of attacks while transporting water.

## Summary of Military Construction Projects

**Category:** Utilities

**Project:** Electric Distribution/Utility Chase (PN 64093)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$17,500

**Description/Justification:** This project will construct an electric distribution system on Bagram Air Base. Power is currently provided by a 32 MW modular Prime Power Plant with a combination of overhead and underground High Voltage Power Distribution System. Depth and location of the underground power cables are unknown in most areas, which make it hard to identify the problem during power outages. The electrical distribution is critical to the mission of the installation.

**Impact if not provided:** If this project is not provided, the current electrical distribution system will not meet the new requirements driven by the approved installation's Master Plan.

**Category:** Utilities

**Project:** Storm Water Collection/Disposal System (PN 64126)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$5,600

**Description/Justification:** This project will construct storm water collection system. Currently, when it rains, severe flooding occurs due to inadequate or non-existence of storm water drainage infrastructure. Rains during the summers create small ponds throughout Bagram Air Base which are breeding ground for mosquitoes. Storm drainage is one of the top environmental quality concerns in Bagram Air Base's Master Plan.

**Impact if not provided:** If not provided, Bagram Air Base will continue to have serious flooding problems in many areas.

## Summary of Military Construction Projects

**Category:** Utilities

**Project:** Communication System Facility (PN 64091)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$8,200

**Description/Justification:** This project will install a new communication infrastructure system to provide classified and unclassified communications to the facilities on the east side of Bagram Air Base.

**Impact if not provided:** If not provided, the infrastructure at Bagram Air base will seriously impact the ability of the communications infrastructure to sustain the expansion of future operations and requirements.

**Category:** Billeting

**Project:** Construct Concrete Masonry Unit (CMU) Barracks (PN 64092)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$17,000

**Description/Justification:** This project will construct concrete masonry unit (CMU) barracks. The harsh Afghanistan environment has deteriorated Bagram's current billeting, which is made up of wooden huts. The existing billeting does not allow for appropriate fire protection lanes in most areas. The wooden hut billets will not last much longer and will not be ready to meet surge requirements in the near future.

**Impact if not provided:** Failure to provide hardened barracks greatly increases the risk of mass casualties from insurgent attacks.

## Summary of Military Construction Projects

**Category:** Force Protection

**Project:** Perimeter Fence and Guard Towers (PN 64094)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$8,900

**Description/Justification:** This project will construct Perimeter Fence and Guard Towers. The existing perimeter fences, consisting of concertina wire and chain link, are old and rusted. They need serious repair at various locations to meet force protection standards. The guard towers are not tall enough to provide an unobstructed field of view due to the rough terrain surrounding the installation.

**Impact if not provided:** There are no lights along the perimeter fence. This project supports the mission, the troops, and the facilities at this installation by decreasing the risk of terrorist attacks.

**Category:** Support Facilities

**Project:** Reception, Staging, Onward Movement, and Integration (RSOI) Surge Area (PN 66811)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$14,000

**Description/Justification:** This project will construct an infrastructure and utilities necessary to support the rapid erection of a 2,400 person tent city with Reception, Staging, Onward Movement, and Integration (RSOI) Surge Area. No tent city site or facilities exist on Bagram to billet a surge population in support of future contingencies.

**Impact if not provided:** If long lead time infrastructure to support the rapid erection of a tent city is not provided, Bagram will be unable to expediently support wartime mission force bed down and throughput.

## Summary of Military Construction Projects

**Category:** Road/Force Protection

**Project:** New Roads (PN 64131)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$26,000

**Description/Justification:** This project will construct roads on the Bagram Air Base. Traffic is very congested due to the limited number of paved roads. There is currently only one paved asphalt road to support vehicle traffic. This significantly restricts movement, especially during an emergency or contingency situation.

**Impact if not provided:** If not provided, the mission will be interrupted.

**Category:** Support Facility

**Project:** Combat Air Ramp (PN 68610)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$10,800

**Description/Justification:** This project will construct a medium load concrete parking apron designed to support fighter aircrafts. The current air ramps are not significant enough to support mission.

**Impact if not provided:** If not provided, the mission will be interrupted.

## Summary of Military Construction Projects

**Category:** Support Facility

**Project:** Strategic Ramp (PN 68612)

**Location:** Bagram Air Base, Afghanistan

**Amount(\$000):** \$17,800

**Description/Justification:** This project will construct a medium load concrete parking apron designed to support fighter aircrafts. The current air ramps are not significant enough to support mission.

**Impact if not provided:** If not provided, the mission will be interrupted.

**Category:** Support Facilities

**Project:** Consolidated Compound (PN 66770)

**Location:** Kabul, Afghanistan

**Amount (000):** \$25,600

**Description/Justification:** This project will construct a consolidated compound for the Office of Security Cooperation – Afghanistan (OSC-A). The project consists of administrative, billeting, support facilities, utility services and antiterrorism protection measures. Expanding mission requirements for OSC-A have led to an increase in the number of personnel over the original projections. This has created a situation where personnel are forced to work in overcrowded facilities.

**Impact if not provided:** If the new compound addition is not constructed, operations and maintenance costs will increase due to the operation of two separate compounds. Additionally, personnel will continue to work and live in facilities on Camp Eggers and the surrounding area that do not comply with current antiterrorism/force protection criteria.

## Summary of Military Construction Projects

**Category:** Roads/Force Protection

**Project:** Road Freedom / Asabalad to Blessing (PN 67386)

**Location:** Afghanistan

**Amount(\$000):** \$17,500

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

**Category:** Road/Force Protection

**Project:** Road Naray to Kamdash (PN 67347)

**Location:** Afghanistan

**Amount(\$000):** \$27,000

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

## Summary of Military Construction Projects

**Category:** Road/Force Protection

**Project:** Road Asmar to Naray (PN 67221)

**Location:** Afghanistan

**Amount(\$000):** \$9,700

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

**Category:** Road/Force Protection

**Project:** Jalalabad to Shali Kot Road (PN 67220)

**Location:** Afghanistan

**Amount(\$000):** \$15,000

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

## Summary of Military Construction Projects

**Category:** Road/Force Protection

**Project:** Road South of Jalalabad (PN 67225)

**Location:** Afghanistan

**Amount(\$000):** \$6,800

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

**Category:** Road/Force Protection

**Project:** Road through Sharana (PN 67223)

**Location:** Afghanistan

**Amount(\$000):** \$7,300

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

## Summary of Military Construction Projects

**Category:** Road/Force Protection

**Project:** Road West of Orgun-E (PN 67228)

**Location:** Afghanistan

**Amount(\$000):** \$7,300

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

**Category:** Road/Force Protection

**Project:** Road South of Sharana (PN 67226)

**Location:** Afghanistan

**Amount(\$000):** \$33,000

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

## Summary of Military Construction Projects

**Category:** Road/Force Protection

**Project:** Road Khowst to BSP9 (PN 67222)

**Location:** Afghanistan

**Amount(\$000):** \$7,900

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

**Category:** Road/Force Protection

**Project:** FB Chamkani to PAK Border (PN 67198)

**Location:** Afghanistan

**Amount(\$000):** \$13,000

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

## Summary of Military Construction Projects

**Category:** Road/Force Protection

**Project:** Road West of Khwost (PN 67227)

**Location:** Afghanistan

**Amount(\$000):** \$9,700

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

**Category:** Road/Force Protection

**Project:** Road North of Waza Khwah (PN 67219)

**Location:** Afghanistan

**Amount(\$000):** \$36,000

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

## Summary of Military Construction Projects

**Category:** Road/Force Protection

**Project:** Road Qalat to Mazan (PN 67345)

**Location:** Afghanistan

**Amount(\$000):** \$30,000

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

**Category:** Road/Force Protection

**Project:** Road Qalat to Shinkay (PN 67346)

**Location:** Afghanistan

**Amount(\$000):** \$57,000

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices (IED) can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

## Summary of Military Construction Projects

**Category:** Road/Force Protection

**Project:** Road Tarin Kowt to Oshay (PN 67342)

**Location:** Afghanistan

**Amount(\$000):** \$34,000

**Description/Justification:** This project will construct a portion of existing road. The existing road is highly traveled by US and Coalition forces and is unpaved and contains many potholes where Improvised Explosive Devices can be easily emplaced. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** Frequency of mortar attacks continue to rise. Paving this section of road will enhance force protection measures and safety to US and Coalition forces.

**Category:** Road/Force Protection

**Project:** Bridge 1 Bagram Air Base to Kabul (PN 67199)

**Location:** Afghanistan

**Amount(\$000):** \$8,300

**Description/Justification:** This project will construct a bridge. Bagram Air Base to Kabul is served by only two roads. The inability of alternate routes makes US and Coalition forces traveling on these routes key targets for ambush and mortar attacks. The bridges are in very poor condition in Afghanistan. They are potholed, poorly drained, fractured, and generally in an extreme state of disrepair. The abundant potholes are very hazardous to US and Coalition forces. The poor bridge conditions require traffic to drive more slowly, thereby exposing them to small arms fire and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** If not provided US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram Air Base.

## Summary of Military Construction Projects

**Category:** Road/Force Protection

**Project:** Bridge 2 Bagram Air Base to Kabul (PN 67217)

**Location:** Afghanistan

**Amount(\$000):** \$8,300

**Description/Justification:** This project will construct a bridge. Bagram Air Base to Kabul is served by only two roads. The inability of alternate routes makes US and Coalition forces traveling on these routes key targets for ambush and mortar attacks. The bridges are in very poor condition in Afghanistan. They are potholed, poorly drained, fractured, and generally in an extreme state of disrepair. The abundant potholes are very hazardous to US and Coalition forces. The poor bridge conditions require traffic to drive more slowly, thereby exposing them to small arms fire and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** If not provided US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram Air Base.

**Category:** Road/Force Protection

**Project:** Bridge 3 Bagram Air Base to Kabul (PN 67218)

**Location:** Afghanistan

**Amount(\$000):** \$34,000

**Description/Justification:** This project will construct a bridge. Bagram Air base to Kabul is served by only two roads. The inability of alternate routes makes US and Coalition forces traveling on these routes key targets for ambush and mortar attacks. The bridges are in very poor condition in Afghanistan. They are potholed, poorly drained, fractured, and generally in an extreme state of disrepair. The abundant potholes are very hazardous to US and Coalition forces. The poor bridge conditions require traffic to drive more slowly, thereby exposing them to small arms fire and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** If not provided US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram Air Base.

## Summary of Military Construction Projects

**Category:** Road/Force Protection

**Project:** Roadwork Bridge 1 to Bridge 2 (PN 67231)

**Location:** Afghanistan

**Amount(\$000):** \$3,550

**Description/Justification:** This project will construct roads. The roads are in very poor condition in Afghanistan. They are potholed, poorly drained, fractured, and generally in an extreme state of disrepair. The abundant potholes are very hazardous to US and Coalition forces. The poor road conditions require traffic to drive more slowly, thereby exposing them to small arms fire and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** If not provided US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram Air Base.

**Category:** Road/Force Protection

**Project:** Roadwork Bridge 2 to Bridge 3 (PN 67229)

**Location:** Afghanistan

**Amount(\$000):** \$790

**Description/Justification:** This project will construct roads. The roads are in very poor condition in Afghanistan. They are potholed, poorly drained, fractured, and generally in an extreme state of disrepair. The abundant potholes are very hazardous to US and Coalition forces. The poor road conditions require traffic to drive more slowly, thereby exposing them to small arms fire and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** If not provided US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram Air Base.

## Summary of Military Construction Projects

**Category:** Road/Force Protection

**Project:** Roadwork Bridge 3 to 5 KM (PN 67230)

**Location:** Afghanistan

**Amount(\$000):** \$3,550

**Description/Justification:** This project will construct roads. The roads are in very poor condition in Afghanistan. They are potholed, poorly drained, fractured, and generally in an extreme state of disrepair. The abundant potholes are very hazardous to US and Coalition forces. The poor road conditions require traffic to drive more slowly, thereby exposing them to small arms fire and increasing the amount of time US and Coalition forces spend on the road.

**Impact if not provided:** If not provided US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram Air Base.

**Category:** Airfield Operations

**Project:** Heavy Aircraft Apron (PN 67372)

**Location:** Al Asad, Iraq

**Amount(\$000):** \$14,400

**Description/Justification:** This project will construct a heavy aircraft apron. Al Asad has been designated as one of two major Consolidated Operational Base (COB) airfields in Iraq. The base routinely has multiple heavy aircraft off loading cargo and passengers at the same time. The parking aprons are not sized to park heavy commercial and military aircraft which are forced to park on unlighted active taxiways. The situation forces heavy cargo equipment to operate extremely close to the aircraft, personnel on foot, and the passenger terminal which is adjacent to the cargo yard. This creates a critical safety hazard that will become worse as more missions consolidate on Al Asad.

**Impact if not provided:** If this project is not provided the lack of apron space will continue to create serious safety hazards, mixing passengers, aircraft, and cargo equipment in dangerously close proximities.

## Summary of Military Construction Projects

**Category:** Airfield Operations

**Project:** Transient Aircraft Apron (PN 67373)

**Location:** Al Asad, Iraq

**Amount(\$000):** \$4,150

**Description/Justification:** This project will construct a transient aircraft apron. Lack of a transient apron at Al Asad airfield forces transient and weather diverted aircraft to park on taxiways over 2 km from command and control. A transient apron is needed to accommodate daily transient and weather diverted aircraft.

**Impact if not provided:** If Al Asad's airfield is not brought up to a standard that can properly support existing transient and diverted aircraft operations, there will be no way that new missions can effectively integrate into the airbase.

**Category:** Airfield Operations

**Project:** Runway with Shelters (PN 67374)

**Location:** Al Asad, Iraq

**Amount(\$000):** \$13,600

**Description/Justification:** This project will construct a runway and aircraft shelters. Al Asad has been designated as one of two major airfields in Iraq. The existing airfield does not have the capacity to adequately support the current missions. As other bases close and missions move to Al Asad, the existing runways will not satisfy mission requirements.

**Impact if not provided:** If Al Asad's airfield is not brought up to a standard that can properly support existing diverted aircraft operations, there will be no way for new missions to be effectively integrated into the airbase.

## Summary of Military Construction Projects

**Category:** Support Facilities

**Project:** Detainee Interrogation Facility (PN 67291)

**Location:** Al Asad, Iraq

**Amount(\$000):** \$5,500

**Description/Justification:** This project will construct a Detainee Interrogation Facility at Al Asad Air Base. The base requires a properly designed and constructed facility for the housing and interrogation of detainees from western Iraq. Detainees are currently held in an old Iraqi hardened aircraft shelter that does not meet the requirement for segregation and in-depth interrogation. The current operation is focused on processing large numbers of detainees through an expedient process to determine who will be released and who will be processed for long term detention.

**Impact if not provided:** The current location is not conducive to detainee operation.

**Category:** Utilities

**Project:** Water Storage Tanks, Potable (PN 67360)

**Location:** Al Asad, Iraq

**Amount(\$000):** \$14,000

**Description/Justification:** This project will construct water storage tanks at Al Asad Air Base. The base receives the majority of its water from the water treatment facility in the town of Khan Al Baghdadi, 8km away from the base. The facility and the lines leading from the water plant to the base are subject to insurgent attacks which leaves the base with no incoming supply.

**Impact if not provided:** Al Asad has open storage for raw, unprocessed water, but needs adequate protected storage and distribution of treated water for such contingency circumstances.

## Summary of Military Construction Projects

**Category:** Utilities

**Project:** Electrical Infrastructure (PN67285)

**Location:** Al Asad Air Base, Iraq

**Amount(\$000):** \$14,600

**Description/Justification:** This project will construct an electrical distribution system on Al Asad Air Base. Currently there is no primary electrical power distribution infrastructure of sufficient capacity that exists within reasonable proximity to areas adjacent to the flight line, east base and south downtown from which existing and planned facilities may source their electrical power. These areas currently use diesel generator sets to provide power which is expensive. Due to greater pollution discharge, continued reliance on individual diesel engine generator sets will result in the further degradation of air quality in and around the base.

**Impact if not provided:** The air quality will continue to degrade in and around the base causing further environmental issues.

**Category:** Force Protection

**Project:** North Entry Control Point (PN 67366)

**Location:** Camp Anaconda, Iraq

**Amount(\$000):** \$7,400

**Description/Justification:** This project will Upgrade North Entry Control Point (ECP) to include a Processing Facility and site work to provide a search area for vehicles entering the base. The existing North ECP is substandard causing current security operations to require a significant amount of time to process military vehicles to enter the compound. Vehicle screening is not accomplished until after vehicles have passed initial entry control point, putting military personnel at increased risk to vehicle borne improvised explosive devices and small arms fire.

**Impact if not provided:** If not provided, the stationary personnel and vehicles will continue to be at great risk due to significant delays at the entry point.

## Summary of Military Construction Projects

**Category:** Force Protection

**Project:** South Entry Control Point (PN 67367)

**Location:** Camp Anaconda, Iraq

**Amount(\$000):** \$7,500

**Description/Justification:** This project will upgrade the South Entry Control Point (ECP) to include a Processing Facility and site work to provide a search area for vehicles entering the base. The existing South ECP is substandard causing current security operations to require a significant amount of time to process military vehicles to enter the compound. Vehicle screening is not accomplished until after vehicles have passed initial entry control point, putting military personnel at increased risk to vehicle borne improvised explosive devices and small arms fire.

**Impact if not provided:** If not provided, the stationary personnel and vehicles will continue to be at great risk due to significant delays at the entry point.

**Category:** Force Protection / Airfield Operations

**Project:** Combined Joint Special Operations Air Command Operations Center (PN 67295)

**Location:** Camp Anaconda, Iraq

**Amount(\$000):** \$3,450

**Description/Justification:** This project will construct a facility for the Combined Joint Special Operations Air Component to use as an operations center for the strategic and operational planning in Iraq. The current facility consists of a sprung shelter tent which is rapidly deteriorating. With the harsh environmental conditions of Iraq, the deterioration of the tent's fabric and structure will continue, eventually leading to the failure of the structure. This facility will allow efficient mission planning, briefing, operational oversight and command and control of the fixed and rotary wing special operations forces in Iraq and Afghanistan.

**Impact if not provided:** If this facility is not provided, the special operations mission within the combined joint operations area will be detrimentally impacted.

## Summary of Military Construction Projects

**Category:** Road / Force Protection

**Project:** Truck Lane Access Road (PN 67368)

**Location:** Camp Anaconda, Iraq

**Amount(\$000):** \$2,600

**Description/Justification:** This project will construct a bypass road for contractor convoys. Convoys entering Camp Anaconda are required to use a single road joining east and west halves of the base. This road is heavily used by base personnel. Convoys cause daily traffic back-ups on main road. Due to the lack of containment, contractor vehicles have exited the convoy once on base and driven to unauthorized areas.

**Impact if not provided:** If not provided, force protection will continue to be degraded due to the inability to properly contain contractor vehicles and personnel entering the base.

**Category:** Utilities

**Project:** Water Wells (PN 67369)

**Location:** Camp Anaconda, Iraq

**Amount(\$000):** \$2,200

**Description/Justification:** This project will construct water wells on base. The base relies on water from an adjacent irrigation canal outside the base perimeter. Gates controlling water flow into this canal are outside the base control thus leading to service interruptions. Furthermore, water levels become dangerously low during the dry season, which will get worse as other bases consolidate on to Anaconda.

**Impact if not provided:** The base runs the risk of not having an adequate water supply if the canal cannot be used.

## Summary of Military Construction Projects

**Category:** Utilities

**Project:** Potable Water Tanks (PN 67370)

**Location:** Camp Anaconda, Iraq

**Amount(\$000):** \$10,000

**Description/Justification:** This project will construct potable water storage tanks at Camp Anaconda. Currently, potable water storage capacity on base is not sufficient to accommodate the required minimum of two to three day supply.

**Impact if not provided:** If not provided the base runs the risk of not having an adequate water supply if there is an emergency that slows the delivery of water from the source.

**Category:** Fuel Handling and Storage

**Project:** Petroleum Oil and Lubricant (POL) Tanks (PN 67371)

**Location:** Camp Anaconda, Iraq

**Amount(\$000):** \$9,900

**Description/Justification:** This project will construct a fuel farm to meet Petroleum Oil and Lubricant (POL) mission and storage requirements. Currently, fuel operations are often interrupted due to significant amounts of maintenance on the existing fuel bladders.

**Impact if not provided:** Without this project, fuel will continue to be stored in deteriorated temporary storage bags, making fuel transfer more cumbersome and time consuming.

## Summary of Military Construction Projects

**Category:** Supporting Facility

**Project:** Ammunition Storage Facility (PN 68614)

**Location:** Balad, Iraq

**Amount(\$000):** \$22,100

**Description/Justification:** This project will construct a storage facility for ammunitions. Current facilities are not enough to handle all required ammunitions.

**Impact if not provided:** Without this project, mission will be affected.

**Category:** Supporting Facility

**Project:** Airfield Overrun (PN 68613)

**Location:** Balad, Iraq

**Amount(\$000):** \$15,700

**Description/Justification:** This project will construct paved overruns for the aircrafts. Currently, there is no paved overruns on the base.

**Impact if not provided:** If not provided, the risk to aircraft, aircrew, and passengers will escalate as air traffic increases.

## Summary of Military Construction Projects

**Category:** Billeting

**Project:** Life Support Areas, Operational Overwatch (PN 67406)

**Location:** Various, Iraq

**Amount(\$000):** \$75,000

**Description/Justification:** This project will construct life support areas at multiple locations to house personnel. Currently most troops are housed in containerized housing units, old Iraqi buildings, and old and worn tents. While tents are a temporary solution, the more spartan living conditions of the tents result in lower levels of alertness, morale, and readiness.

**Impact if not provided:** Tents do not provide any level of protection from mortars or other attacks, create a higher risk of fires, and consume more utilities, per person than modular or containerized facilities.

**Category:** Support Facilities

**Project:** Facility Replacement (PN 67595)

**Location:** Various, Iraq

**Amount(\$000):** \$96,000

**Description/Justification:** This project will replace initial expeditionary facilities with new construction. Currently this requirement is being met by temporary facilities that were constructed during the initial stages of Operation Iraqi Freedom. However, these facilities are starting to age and deteriorate to the point where they require constant repair to remain functional. The existing facilities were designed and constructed with expediency in mind and were only intended for a few years of use.

**Impact if not provided:** Without replacement, the bases will continue to rely upon the older structures and experience shortfalls in the number and size of facilities needed.

## Summary of Military Construction Projects

**Category:** Support Facilities

**Project:** Grow the Force-Facilities (PN 68536)

**Locations:** Worldwide Various

**Amount(\$000):** \$250,000

**Description/Justification:** This project will construct facilities such as trainee barracks, operational buildings, etc. Construction also will include site preparation to support the construction of temporary facilities. This project addresses essential facilities required to support the increase in Army strength.

**Impact if not provided:** The Nation depends on the Army to prosecute the Global War on Terrorism and prepare for future contingencies. The Army will be severely hampered without Congressional support for the funding to "Grow the Force". This requirement supports our mission and our people -- delays have operational and quality of life impacts and consequences.

**Category:** n/a

**Project:** Planning and Design (PN 67535)

**Location:** Iraq, Afghanistan, Fort Riley and Meade, and Worldwide Various  
Grow the Force-Facilities.

**Amount(\$000):** \$175,600

**Description/Justification:** Provides for Government planning and design efforts associated with the above projects.

1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Fort Riley Kansas			4. PROJECT TITLE Site Prep Accelerated BCT		
5. PROGRAM ELEMENT	6. CATEGORY CODE 141	7. PROJECT NUMBER 68464	8. PROJECT COST (\$000) Auth 1,500 Approp 1,500		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					
<u>SUPPORTING FACILITIES</u>					1,323
Electric Service		LS	--	--	(315)
Water, Sewer, Gas		LS	--	--	(441)
Paving, Walks, Curbs & Gutters		LS	--	--	(234)
Storm Drainage		LS	--	--	(57)
Site Imp( 222) Demo( )		LS	--	--	(222)
Antiterrorism Measures		LS	--	--	(54)
ESTIMATED CONTRACT COST					1,323
CONTINGENCY PERCENT (5.00%)					66
SUBTOTAL					1,389
SUPV, INSP & OVERHEAD (5.70%)					79
DESIGN/BUILD - DESIGN COST					56
TOTAL REQUEST					1,524
TOTAL REQUEST (ROUNDED)					1,500
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction This project is for site preparation and utility work to support the construction of temporary relocatable buildings. There are no primary facilities associated with this project; all work is supporting facilities for the relocatable buildings. Relocatable buildings include 1+1+1 barracks, battalion headquarters space, company operations facilities, warehouses, dining facility, and administrative space. Supporting facilities include electric service, water, sewer and gas, paving including sidewalks and parking, storm drainage, site improvements, and information systems. Project includes site antiterrorism/force protection measures including bollards and security lighting.					
11. REQ: 1 EA ADQT: NONE SUBSTD: NONE					
PROJECT: Prepare site and extend utilities to support relocatable buildings.					
REQUIREMENT: This project is required to support the Army decision to accelerate the build up of 1st and 2nd heavy Brigade Combat Teams. These actions are in support of the Army Global War on Terrorism. Facility requirements include company operations facilities for the Transition Training Teams, barracks and dining facility to support the trainers, warehouses for the issue of equipment to the Transition Training Teams, admin facilities for					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Site Prep Accelerated BCT	5. PROJECT NUMBER  68464
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REQUIREMENT: (CONTINUED)

the Transition Training Team mission, and a battalion headquarters for 1st Engineer Battalion.

CURRENT SITUATION: Adequate facilities will not be available to support all of the functions required to be performed at the Installation. Facilities designated for 1st and 2nd HBCT are currently used to support the Transition Training Team mission. These functions will have to move to relocatable buildings to allow the permanent facilities to be available. The TT Mission currently uses a 50,000 SF maintenance facility to issue Rapid Fielding Initiative (RFI), Army Combat Uniform (ACU), and Central Issue Facility (CIF) equipment. Eight company operations facilities and two battalion headquarters in the brigade area are used to support the TT Mission. 1st Engineer Battalion, formerly a subordinate battalion to 1st BCT, is now an echelon above brigade but is still using a 1st BCT building.

IMPACT IF NOT PROVIDED: If this project is not provided, Fort Riley will not have sufficient facilities to support all of the projected missions. At least one major mission will have to be delayed. Fort Riley must have these facilities ready before the 1st BCT effective date to grow to the new Heavy Brigade Combat Team structure.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- |  |          |
|--|----------|
| (a) Date Design Started.....                         | JAN 2007 |
| (b) Percent Complete As Of January 2006.....         | .00      |
| (c) Date 35% Designed.....                           | JUN 2007 |
| (d) Date Design Complete.....                        | OCT 2007 |
| (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..... | 60 |
| (b) All Other Design Costs.....                 |    |
| (c) Total Design Cost.....                      | 60 |
| (d) Contract.....                               | 60 |
| (e) In-house.....                               |    |

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION

Fort Riley, Kansas

4. PROJECT TITLE  Site Prep Accelerated BCT	5. PROJECT NUMBER  68464
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... OCT 2007
- (5) Construction Start..... NOV 2007
- (6) Construction Completion..... JUN 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Fort Meade Maryland				4. PROJECT TITLE Administrative Facility		
5. PROGRAM ELEMENT		6. CATEGORY CODE 171	7. PROJECT NUMBER 68172	8. PROJECT COST (\$000) Auth 42,000 Approp 42,000		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						30,521
Administrative Facility, General		m2 (SF)	10,172	( 109,488)	1,907	(19,400)
Special Compartmented Information		m2 (SF)	1,744	( 18,769)	2,429	(4,235)
Building Information Systems		LS	--	--	--	(3,421)
Antiterrorism Measures		LS	--	--	--	(3,465)
<u>SUPPORTING FACILITIES</u>						5,987
Electric Service		LS	--	--	--	(1,769)
Water, Sewer, Gas		LS	--	--	--	(402)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(452)
Storm Drainage		LS	--	--	--	(130)
Site Imp( 1,070) Demo( 2,149)		LS	--	--	--	(3,219)
Antiterrorism Measures		LS	--	--	--	(1)
Other		LS	--	--	--	(14)
ESTIMATED CONTRACT COST						36,508
CONTINGENCY PERCENT (5.00%)						1,825
SUBTOTAL						38,333
SUPV, INSP & OVERHEAD (5.70%)						2,185
DESIGN/BUILD - DESIGN COST						1,533
TOTAL REQUEST						42,051
TOTAL REQUEST (ROUNDED)						42,000
INSTALLED EQT-OTHER APPROP						(3,150)
10. Description of Proposed Construction Construct a military intelligence administrative and Operations Center. Project includes sensitive compartmented information facility (SCIF) areas, special secured areas, administrative offices, laboratories, polygraph suites, document destruction room, back up generators, intrusion detection system (IDS), laboratories, consolidated arms and nuclear, biological, chemical (NBC) rooms, storage space, classrooms, network operations center, sound-proof rooms, remote mail screening facility, guard stations, and hazardous material storage. Project requires comprehensive interior design. Project will provide for pedestrian flow and life, health, safety code considerations, emergency lighting, central grounding systems, fire and smoke detection and suppression systems, accessibility for the handicapped, energy efficiency, cable trays and conduits for communications systems, environmental controls to maintain temperatures and humidity. Project will be awarded as a design/build. Supporting facilities include utilities; information/communication, electrical, mechanical, and fire protection systems. In addition work includes access roads, paving, walks, curbs and gutters, storm drainage, parking, fencing, gates and site improvements. Heating and Air conditioning will be provided by a central heating and cooling plant. Building will be connected to an energy monitoring and control system						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
3. INSTALLATION AND LOCATION  Fort Meade, Maryland		
4. PROJECT TITLE  Administrative Facility	5. PROJECT NUMBER  68172	
<p>DESCRIPTION OF PROPOSED CONSTRUCTION: (CONTINUED)</p> <p>(EMCS). Antiterrorism/force protection measures include maximum feasible standoff distances; passive barriers including crash beams, bollards, berms, planters, fencing, gates and vegetation; closed circuit television monitors; laminated glass or windows, security lighting, lock and access controls. Access for individuals with disabilities will be provided. Demolition includes asbestos and lead based paint. Cost per square foot exceeds the Office of the Secretary of Defense unit cost guidance for an administrative facility because project scope contains significant Sensitive Compartmented Information Facility (SCIF), special operational space and operational system infrastructure. Demolish 1 Building (TOTAL 11,915 m2/128,257 SF). Air Conditioning (Estimated 2,057 kW/585 Tons).</p>		
<p>11. REQ: 105,199 m2 ADQT: NONE SUBSTD: 30,403 m2  PROJECT: Construct military intelligence administrative and operations center. (Current Mission)  REQUIREMENT: Project is required to provide a secure, functionally efficient, flexible, and expandable military intelligence brigade administrative and operations center with adequate work areas for military intelligence personnel to perform military intelligence activities, provide controlled areas, sound proof rooms, secure areas, laboratories, staging facilities, and polygraph suites, execute essential counter-intelligence and personnel missions that are increasingly dependent on advanced technological systems and support mission to provide multi-discipline counter-intelligence, force protection, electronic warfare and information warfare support to the Army, joint and combined commanders at all levels across the operational continuum. The structure was severely damaged in a fire that occurred on 20 October 2006. The existing facility, building 4554, is in a failed condition due to fire and water damage sustained as a result of fire fighting operations. The fire destroyed a substantial portion of the 4th floor along with the entire roof and the office space contained in the attic. This facility housed a portion of the 902MI's operation.  CURRENT SITUATION: The 902d Military Intelligence Group performs current operational and administrative activities 24 hours per day 7 days a week in three converted three-story brick buildings with full basements and one concrete block one-story building using a total of 327,256 SF. The brick buildings were constructed as Army barracks in 1929 and 1940. The concrete block building was constructed in 1990 as a SCIF. These four buildings are in the Fort Meade historic district. The three-story buildings were converted to administrative space and air-conditioned in 1971. To obtain the necessary operational space porches have been walled in, and attics and basements, originally designed for storage and mechanical equipment, have been converted. Various areas have been converted and certified for SCIF operations in all three buildings, as required to support the mission. Squeezing operations into facilities not designed for such use has created cramped, inefficient,</p>		

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Meade, Maryland

4. PROJECT TITLE  Administrative Facility	5. PROJECT NUMBER  68172
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CURRENT SITUATION: (CONTINUED)  
disjointed office configuration. To exacerbate the problem, one of the facilities (Bldg 4554) was involved in a fire on 20 October 2006. This masonry structure, constructed circa 1929, suffered extensive to the basement, second, third, fourth floors, roof structure and roofing. Sever smoke and water damaged was sustained throughout the building. All surfaces; walls, floors, ceilings have some degree of damage ranging from sever on the upper floors to heavy damage on the first floor. The replacement of building 4554 is necessary for the 902d MI Group to adequately meet the mission requirement.

IMPACT IF NOT PROVIDED: If this project is not provided, the 902MI will have to continue to suspend operation for this portion of their activity. Mission accomplishment will be jeopardized as existing inadequate facilities continue to deteriorate. The 902nd Military Intelligence Group will be unable to field state-of-the-art technical mission systems/upgrades; operational systems will fail due to lack of reliable infrastructure capacity.

ADDITIONAL: This project is not in direct support of a historic property listed in the National Register to meet "The Secretary of the Interior's Standard for Historic Preservation Projects, 1979." This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	DEC 2006
(b) Percent Complete As Of January 2006.....	5.00
(c) Date 35% Designed.....	OCT 2007
(d) Date Design Complete.....	JAN 2008
(e) Parametric Cost Estimating Used to Develop Costs	NO
(f) Type of Design Contract: Design-build	
(g) An energy study and life cycle cost analysis will be documented during the final design.	

(2) Basis:

(a) Standard or Definitive Design: NO

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Meade, Maryland

4. PROJECT TITLE  Administrative Facility	5. PROJECT NUMBER  68172
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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.....	<u>1,607</u>
(b) All Other Design Costs.....	<u>283</u>
(c) Total Design Cost.....	<u>1,890</u>
(d) Contract.....	<u>1,512</u>
(e) In-house.....	<u>378</u>
(4) Construction Contract Award.....	<u>OCT 2007</u>
(5) Construction Start.....	<u>NOV 2007</u>
(6) Construction Completion.....	<u>MAR 2009</u>

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Info Sys - PROP	OPA	2008	3,150
		TOTAL	<u>3,150</u>

Installation Engineer: Clyde Reynolds  
Phone Number: 301-677-9560

1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan			4. PROJECT TITLE Bulk Fuel Storage, Phase 1		
5. PROGRAM ELEMENT		6. CATEGORY CODE 411	7. PROJECT NUMBER 67384	8. PROJECT COST (\$000) Auth 9,500 Approp 9,500	
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					7,705
JP-8 Fuel Storage		L (GA)	1589873 ( 420,000)	1.66	(2,638)
Diesel Storage/Refueling Point		LS	--	--	(1,768)
DF-2 Fuel Storage		L (GA)	1892706 ( 500,000)	1.66	(3,140)
Antiterrorism Measures		LS	--	--	(150)
Building Information Systems		LS	--	--	(9)
<u>SUPPORTING FACILITIES</u>					673
Water, Sewer, Gas		LS	--	--	(288)
Site Imp( 317) Demo( )		LS	--	--	(317)
Information Systems		LS	--	--	(68)
ESTIMATED CONTRACT COST					8,378
CONTINGENCY PERCENT (5.00%)					419
SUBTOTAL					8,797
SUPV, INSP & OVERHEAD (7.70%)					677
TOTAL REQUEST					9,474
TOTAL REQUEST (ROUNDED)					9,500
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct bulk fuel storage system at Bagram Airfield, Afghanistan. Construct 1 - 10,000 Barrel (420,000 gallons) JP-8 storage facility, including pump house, in the South Tank Farm. Bulk storage tank shall be cut-and-cover with exposed openings protected against rocket attack. Install pumphouses and controls, per the DoD standard. Construct new 500,000 gallon DF-2 storage tanks with fill stands in the South Tank Farm and in ECP #1 will allow fuel to be loaded without the contract trucks having direct, close access to the tank farm. Supporting facilities include all civil, mechanical, electrical (including an emergency generator), and communications work to produce a complete and usable facility. This project will comply with applicable anti-terrorism/force protection requirements. This project is dependant on FY07 MILCON PN 64093 Electrical Distribution/Utility Chase and PN 64091 Communication System Facility to provide normal operations for this project.					
11. REQ: 22,489,345 L ADQT: 10,780,975 L SUBSTD: 19,144,524 L PROJECT: Construct Bulk Fuel Storage at Bagram Air Base, Afghanistan.					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
3. INSTALLATION AND LOCATION  Bagram Air Base, Afghanistan		
4. PROJECT TITLE  Bulk Fuel Storage, Phase 1	5. PROJECT NUMBER  67384	
<p><u>REQUIREMENT:</u> Construct Bulk Fuel Storage at Bagram Air Field, Afghanistan. Total fuel storage requirement: 190,000 barrels (7,980,000 gal). This project: JP-8: 16,000 barrels (672,000 gal), Diesel: 11,900 barrels (500,000 gal). A separate project, ATUH050015, will provide an additional 20,000 barrels (840,000 gal) of JP-8 storage to accommodate increased pumping pressure associated with that project. Future projects: JP-8: 148,100 barrels (6,220,200 gal). Each of these projects is programmed to provide a complete and usable facility. The scope of this project was developed in accordance with AFH 32-1084, Facility Requirements, and parametric cost estimating. This project corrects mission-critical fuel storage vulnerabilities as well as life, health, and safety deficiencies in contrast to a previously disapproved FY05 supplemental project, which solely cited the replacement costs for fuel bladders and environmental cleanup. (20,000 barrels - 840,000 gallons). Bagram Airfield requires the capability to upload contract refueler trucks, leaving Bagram for forward locations, without the trucks having direct, close, access to the tank farm. Bagram requires the capability to store a minimum of 7,980,000 gallons of fuel at any time of the year, including harsh winter months and holiday seasons to effectively perform its mission. An Air Force project previously provided 840,000 gallons of fuel. This follow-on project provides 420,000 gallons of JP-8 and 500,000 of DF-2 fuel storage.</p> <p><u>CURRENT SITUATION:</u> The sole method for fuel delivery is via host nation contractors in fuel trucks. The normal supply route takes a minimum of 7-8 days through treacherous mountain areas. Delays from harsh weather or Muslim holidays can cause delivery time to double, putting Bagram below minimum fuel-storage requirement, and jeopardizing the mission. During one period of interrupted deliveries, it was necessary to use C-17's to move 47,000 gallons of fuel in order to continue combat missions, diverting crucial airlift from other missions. Such shortfalls are likely to be more frequent with the additional demand from aircraft relocated from K2. The fuel storage bladders are unhardened and vulnerable to mortar and rocket attack, placing the mission at risk for catastrophic explosive loss. These bladders are required to be replaced every 3 years, for a cost of \$1M, for a bladder size of 210,000 gallon storage. Bagram currently has 7,980,000 gallons of bladders currently deployed at Bagram. Additional costs are also incurred due to the operational costs of Tactical equipment versus permanent facilities. This project is part of the total \$69M requirement that was identified and broken down into two phases during CENTCOM's Jun '05 Mobilization Procurement Planning List (MPPL) Conference. An additional 1.2M gallons of fuel per month will be dispensed each month at Bagram to accommodate the relocated K2 mission and cause an additional strain on an already limited fuel storage resources. Security is also a concern. The existing fuel farm uses 25 bladders with a total storage capacity of 5.25M gallons. The fuel storage bladders are unhardened and vulnerable to mortar and rocket attack, placing the mission at risk from catastrophic explosive loss.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Bagram's entire bulk fuel storage capacity will</p>		



1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  Bulk Fuel Storage, Phase 1	5. PROJECT NUMBER  67384
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... AUG 2007
- (5) Construction Start..... SEP 2007
- (6) Construction Completion..... JAN 2009

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan			4. PROJECT TITLE Bulk Fuel Storage, Phase 2		
5. PROGRAM ELEMENT	6. CATEGORY CODE 411	7. PROJECT NUMBER 65556	8. PROJECT COST (\$000) Auth 25,000 Approp 25,000		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				17,152	
1,050k gallon storage tanks	EA	2 --	5314000	(10,628)	
Filter Control Facility	LS	--	--	(2,750)	
North- South Fuel Farm Pipeline	LS	--	--	(3,750)	
Antiterrorism Measures	LS	--	--	(15)	
Building Information Systems	LS	--	--	(9)	
<u>SUPPORTING FACILITIES</u>				5,193	
Electric Service	LS	--	--	(1,575)	
Water, Sewer, Gas	LS	--	--	(794)	
Paving, Walks, Curbs & Gutters	LS	--	--	(1,352)	
Site Imp( 724) Demo( )	LS	--	--	(724)	
Information Systems	LS	--	--	(16)	
Antiterrorism Measures	LS	--	--	(732)	
ESTIMATED CONTRACT COST				22,345	
CONTINGENCY PERCENT (5.00%)				1,117	
SUBTOTAL				23,462	
SUPV, INSP & OVERHEAD (7.70%)				1,807	
TOTAL REQUEST				25,269	
TOTAL REQUEST (ROUNDED)				25,000	
INSTALLED EQT-OTHER APPROP				( )	
10. Description of Proposed Construction Construct bulk fuel storage system at Bagram Airfield, Afghanistan. Construct 2 - 1,050,000 gallon TS-1 storage capacity, including pump house for each tank, located in the North Fueling Point. The fuel storage tanks shall be cut-and-cover (per the DOD Standard), with exposed openings protected against rocket attack. This project will include a transfer line from the South Tank Farm to the North Fueling Point, transfer line to bag farm, storage tanks, pump house, filter building and 6-fill stands at the North Fueling Point. The system pumps shall be sized to support future hydrant on the Airfield. Supporting facilities include all civil, mechanical, electrical (including an emergency generator), and communications work to produce a complete and usable facility. This project will comply with applicable anti-terrorism/force protection requirements. This project is dependant on FY07 MILCON project PN 64093 Electrical Distribution/Utility Chase and PN 64091 Communication System Facility to provide utilities.					
11. REQ: 22,504,653 L ADQT: 10,788,401 L SUBSTD: 19,157,970 L PROJECT: Construct a bulk fuel storage and distribution system.					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
3. INSTALLATION AND LOCATION  Bagram Air Base, Afghanistan		
4. PROJECT TITLE  Bulk Fuel Storage, Phase 2	5. PROJECT NUMBER  65556	
<p><u>REQUIREMENT:</u> Bagram requires the capability to store a minimum of 7,980,000 gallons of fuel at any time of the year, including harsh winter months and holiday seasons to effectively perform its mission. An Air Force project previously provided 840,000 gallons of fuel. This follow-on project provides 2,100,000 gallons of fuel storage.</p> <p><u>CURRENT SITUATION:</u> The sole method for fuel delivery is via host nation contractors in fuel trucks. The normal supply route takes a minimum of 7-8 days through treacherous mountain areas. Delays from harsh weather or holidays can cause delivery time to double, putting Bagram below minimum fuel-storage requirement, and jeopardizing the mission. During one period of interrupted deliveries, it was necessary to use C-17's to move 47,000 gallons of fuel in order to continue combat missions, diverting crucial airlift from other missions. This is not the preferred option of AMC or CENTOM. Such shortfalls are likely to be more frequent with the additional demand from aircraft relocated from K2. The fuel storage bladders are unhardened and vulnerable to mortar and rocket attack, placing the mission at risk for catastrophic explosive loss. These bladders are required to be replaced every 3 years, for a cost of \$1M, for a bladder size of 210,000 gallon storage. Bagram currently has 7,980,000 gallons of bladders currently deployed at Bagram. Additional costs are also incurred due to the operational costs of Tactical equipment verses permanent facilities. This project is part of the total \$69M requirement that was identified and broken down into two phases during CENTCOM's June '05 Mobilization Procurement Planning List (MPPL) Conference.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If not provided, a significant loss of mission capability is inevitable at Bagram Air Field because facilities, personnel, and classified material will be in-range of hostile actions from fuel trucks entering/exiting Bagram. Also, the harsh winters close fuel supply routes for extended periods which increases fuel receipt time, puts our fuel storage levels at risk, and results in significant loss of mission capability in a combat environment, which is unacceptable. In addition, we will continue to consume time and resources inspecting fuel trucks as they enter/exit Bagram and maintaining a "temporary" fuel farm consisting of bladders, blivets, and hoses that are replaced frequently. In the past, USAF Air Mobility Command (AMC) used C-17's to move 47,000 gallons of fuel into Afghanistan, replenishing dangerously low levels of fuel needed to support air operations in theater. However, this is not the preferred option of AMC or CENTCOM. Furthermore, fuel delivery is delayed during Muslim Holiday seasons. This puts our mission at risk. If not provided, the majority of Bagram's fuel storage capacity will remain exposed to catastrophic loss from enemy mortar and rocket attacks, and personnel will be exposed to the danger of fire and explosions. Bagram's current mission, as well as additional missions brought by the closer of K2, will be at risk of mission interruption due to fuel shortages. Harsh weather conditions, along with increased fuel demand due to K2 closure, will force increased reliance on the current system, which does not provide the necessary hardening, redundancy, or capability. In the mean time, we will continue to</p>		

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  Bulk Fuel Storage, Phase 2	5. PROJECT NUMBER  65556
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IMPACT IF NOT PROVIDED: (CONTINUED)  
 consume time and resources maintaining a "temporary" fuel farm consisting of bladders, blivets, and hoses that are replaced frequently.  
 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. This project is dependant on FY07 MILCON project PN 64093 Electrical Distribution/Utility Chase and PN 64091 Communication System Facility to provide utilities. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... FEB 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... MAY 2007
  - (d) Date Design Complete..... JUL 2008
  - (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..... 650
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 650
  - (d) Contract.....
  - (e) In-house..... 650
  
- (4) Construction Contract Award..... AUG 2007
- (5) Construction Start..... SEP 2007
- (6) Construction Completion..... FEB 2009

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  Bagram Air Base, Afghanistan	
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4. PROJECT TITLE  Bulk Fuel Storage, Phase 2	5. PROJECT NUMBER  65556
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan				4. PROJECT TITLE WWTP and Sewer Collection		
5. PROGRAM ELEMENT		6. CATEGORY CODE 831	7. PROJECT NUMBER 62839		8. PROJECT COST (\$000) Auth 16,500 Approp 16,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						12,480
Industrial Waste Treatment Plan		EA	1	--	3042723	(3,043)
Sewage collection 6" main		m (LF)	9,944	( 32,625)	207.71	(2,065)
Sewer Collection 4" Laterals		m (LF)	9,257	( 30,371)	169.42	(1,568)
Sewage Lift Station		EA	14	--	394,117	(5,518)
Antiterrorism Measures		LS	--	--	--	(274)
Building Information Systems		LS	--	--	--	(12)
<u>SUPPORTING FACILITIES</u>						1,465
Electric Service		LS	--	--	--	(250)
Site Imp( 934) Demo( )		LS	--	--	--	(934)
Information Systems		LS	--	--	--	(281)
ESTIMATED CONTRACT COST						13,945
CONTINGENCY PERCENT (5.00%)						697
SUBTOTAL						14,642
SUPV, INSP & OVERHEAD (7.70%)						1,127
DESIGN/BUILD - DESIGN COST						586
TOTAL REQUEST						16,355
TOTAL REQUEST (ROUNDED)						16,500
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a waste water treatment plant and lagoon. Project includes sewer piping, lift stations, and manholes throughout airfield to ensure adequate infrastructure is available to connect all existing facilities and future facilities to waste water (both gray and black water systems) treatment plant. Supporting facilities include utilities, paving, walks, and gutters, and antiterrorism.						
11. REQ: 2,400,000 L/d ADQT: 1,715,000 L/d SUBSTD: 1,370,000 L/d PROJECT: Construct a waste water treatment plant and sewer infrastructure at Bagram Airfield. REQUIREMENT: Design and build a sanitary sewer collection system and treatment plant to serve the entire population of Bagram Airfield. The collection system shall maximize gravity sewer design with force main components kept to a minimum. The collection system shall have a total treatment capacity of 75% of daily water demand augmented by lagoons at the terminus. This plant will be designed to handle the flows of future steady state and surge populations for extended periods of time. The treatment plant shall be expandable to greater capacities via modular components. Treatment plant technology shall be easy to deploy, maintain and train personnel. The						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
3. INSTALLATION AND LOCATION  Bagram Air Base, Afghanistan		
4. PROJECT TITLE  WWTP and Sewer Collection	5. PROJECT NUMBER  62839	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>treated effluent shall have a 30-day average water quality of 30mg/L B.O.D and 30 mg/L suspended solids. This plant should be located south of the control tower adjacent to the drainage creek discharge point, away from housing, public areas and future well points. Back-up generator required in case of power loss.</p> <p><u>CURRENT SITUATION:</u> The installation currently collects sewage from numerous buried tanks throughout the base via pump trucks and dumps the effluent on off-base private property. Transportation of sewage to off-base disposal alone is estimated to cost \$4.5M/year. This trucking process is extremely expensive and time consuming. The trucks must be inspected and searched prior to entering and leaving the base, which poses a large force protection risk. The constant transfer process from tanks to trucks results frequently in the leakage of waste water spilled. This sewage removal process is time consuming, creates traffic congestion, disruption of other operations and increased wear on principal roadways.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The continued operation of pump trucks will cost the base operating budget \$4M more every year of operation than this proposed plant. In 15 years \$38M will have been expended over and above the capital and O&amp;M expenses of this plant. As base facility construction and renovation continues, valuable real estate will be left unused as it is dedicated to on-site sewer tankage. Roadway life spans and capacities will continue to be diminished. By economic analysis this proposed project is expected to pay for capital expenditures within 4 years of completion by the savings in operations and maintenance costs associated with pump truck operations alone. Bagram Airfield will continue to inefficiently collect and dispose of wastewater by trucking the sewage off post. Contractor operated sewage pump truck movement within the installation will continue to pose potential threat as well as disrupting operations.</p> <p><u>ADDITIONAL:</u> This project directly impacts winning the Global War on Terrorism because it significantly supports the mission, the troops, and the facilities at this installation by decreasing the risk of terrorist attacks. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This project was created based on a draft Master Plan. This project's completion is linked to the construction of FY07 MILCON projects PN's 64093 Power Distribution, PN 64091 Communications Distribution, and should be coordinated with PN 64131 New Roads, 64126 Storm Water and 62840 Water Treatment Plant. Planning estimates were provided by COE. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders. This project has been coordinated with the</p>		

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  WWTP and Sewer Collection	5. PROJECT NUMBER  62839
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ADDITIONAL: (CONTINUED)  
 installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... FEB 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... AUG 2007
  - (d) Date Design Complete..... OCT 2007
  - (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..... 228
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 228
  - (d) Contract.....
  - (e) In-house..... 228
  
- (4) Construction Contract Award..... AUG 2007
  
- (5) Construction Start..... OCT 2007
  
- (6) Construction Completion..... APR 2010

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  WWTP and Sewer Collection	5. PROJECT NUMBER  62839
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan				4. PROJECT TITLE Water Treatment and Distribution		
5. PROGRAM ELEMENT		6. CATEGORY CODE 841	7. PROJECT NUMBER 62840		8. PROJECT COST (\$000) Auth 22,000 Approp 22,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						17,585
Water Supply/Treatment Building		L/d(KG)	2271247 ( 600,000)		1.47	(3,339)
Water Distribution Main 12"		m (LF)	13,259 ( 43,501)		616.56	(8,175)
Water Distribution Laterals 6"		m (LF)	12,344 ( 40,499)		206.50	(2,549)
Ground Stg Tk (Water) 500000		EA	2 --		1005121	(2,010)
Well to Well Piping		m (LF)	1,609 ( 5,279)		206.50	(332)
Total from Continuation page						(1,180)
<u>SUPPORTING FACILITIES</u>						1,454
Site Imp( 1,350) Demo( )		LS	--		--	(1,350)
Information Systems		LS	--		--	(104)
ESTIMATED CONTRACT COST						19,039
CONTINGENCY PERCENT (5.00%)						952
SUBTOTAL						19,991
SUPV, INSP & OVERHEAD (7.70%)						1,539
DESIGN/BUILD - DESIGN COST						800
TOTAL REQUEST						22,330
TOTAL REQUEST (ROUNDED)						22,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a water treatment plant and distribution system at Bagram Air Field. The project includes construction of water piping, ground and elevated storage tanks, pump buildings, utility vaults and tunnels, and manholes throughout the base.						
11. REQ: 2,271,247 L/d ADQT: NONE SUBSTD: NONE						
PROJECT: Install Water Infrastructure System at Bagram Airfield. (Current Mission)						
REQUIREMENT: A minimum of 400,000 gallons (1,514,000 L) of potable water is required for the base. 500,000 gallons (1,892,500 L) of storage is required to meet minimum domestic water requirements, industrial demand, fire protection, and a two day period in case of personnel surge and/or damage to the treatment system.						
CURRENT SITUATION: The existing supply of drinking/potable water is accomplished by contractors at a high cost. They truck potable water from wells to holding tanks on-post and transport gray water to off-post sites for disposal. There is no main water utilities infrastructure on Bagram Air Field. Non-potable water is obtained from wells, run through a commercial reverse osmosis water purification unit, and stored in blivets. From there it is						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  Water Treatment and Distribution	5. PROJECT NUMBER  62840
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Utilidors	m (LF)	1,609 ( 5,279)	273.92	(441)
Water Pump Station, 500 GPM	EA	1 --	142,575	(143)
Antiterrorism Measures	LS	--	--	(570)
Building Information Systems	LS	--	--	(26)
			Total	1,180

CURRENT SITUATION: (CONTINUED)

trucked to shower/shave units and dining facilities and pumped into a holding tank for use. This is an expensive process. In addition, the blivets must be replaced approximately every year and often leak and cause water to be spilled on the ground.

IMPACT IF NOT PROVIDED: If not provided, a significant loss of mission capability is inevitable at the base because facilities, personnel, and classified material will be "in range" of hostile actions from water trucks entering and exiting Bagram--a monumental force protection threat. In addition, the water distribution will continue to be a problem at Bagram Air Field. The base will continue to spend significant resources to have fresh water delivered and to dispose of gray water.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... FEB 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... AUG 2007
  - (d) Date Design Complete..... OCT 2008
  - (e) Parametric Cost Estimating Used to Develop Costs NO
  - (f) Type of Design Contract: Design-build

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

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4. PROJECT TITLE

Water Treatment and Distribution

5. PROJECT NUMBER

62840

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.....	228
(b) All Other Design Costs.....	_____
(c) Total Design Cost.....	228
(d) Contract.....	_____
(e) In-house.....	228
(4) Construction Contract Award.....	APR 2008
(5) Construction Start.....	MAY 2008
(6) Construction Completion.....	APR 2010

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NA			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan			4. PROJECT TITLE Electrical Distribution/Utility Chase		
5. PROGRAM ELEMENT	6. CATEGORY CODE 721	7. PROJECT NUMBER 64093	8. PROJECT COST (\$000) Auth 17,500 Approp 17,500		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					13,700
Electrical Power Distribution S		LS	--	--	(11,300)
Security Fencing Lighting		LS	--	--	(2,400)
<u>SUPPORTING FACILITIES</u>					1,800
Paving, Walks, Curbs & Gutters		LS	--	--	(700)
Site Imp( 1,100) Demo( )		LS	--	--	(1,100)
ESTIMATED CONTRACT COST					15,500
CONTINGENCY PERCENT (5.00%)					775
SUBTOTAL					16,275
SUPV, INSP & OVERHEAD (7.70%)					1,253
TOTAL REQUEST					17,528
TOTAL REQUEST (ROUNDED)					17,500
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct overhead and underground Power Distribution Systems. The systems include installation of overhead power lines and underground high-voltage cable in concrete encased duct bank system and switches. It also includes secondary cables installation in duct banks from transformers to appropriate facilities.					
11. REQ: 3,353 m ADQT: NONE SUBSTD: 3,353 m PROJECT: Install Underground, High Voltage Electrical Distribution and Utility Chase. REQUIREMENT: Construct a fully functional overhead and underground (UG) electrical distribution system. This includes overhead power lines, underground conduits, vaults, transformers, and properly sized cable/wiring to ensure adequate infrastructure is available to connect all existing facilities and future facilities to the electrical distribution system. Project will be coordinated with other utility projects to ensure all utilities are underground. CURRENT SITUATION: Power for the existing base is currently provided by a 32 MW modular Prime Power Plant with a combination of overhead (OH) and underground (UG) High Voltage (HV) Power Distribution System. The existing					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  Electrical Distribution/Utility Chase	5. PROJECT NUMBER  64093
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CURRENT SITUATION: (CONTINUED)  
 Power Plant consists of 32-1250 KVA (1 MW) diesel engine generators being operated on JP8 fuel. Fuel storage capacity for the Power Plant consists of 10 steel tanks, 20,000 liters capacity each. Name plate data of the generators was not available due to the proprietary nature of the equipment. The location of the existing underground power cables are unknown in most areas, which makes it hard to identify the problem during power outages. Operating and maintaining two different systems is costly and causes maintenance challenges of needing twice the replacement parts, etc.  
IMPACT IF NOT PROVIDED: The electrical distribution is critical to the mission of the installation. If not provided, there is no guarantee the current electrical distribution system will survive to meet the new requirements driven by the approved installation Master Plan.  
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.....	MAR 2007
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	APR 2007
(d) Date Design Complete.....	MAY 2007
(e) Parametric Cost Estimating Used to Develop Costs	NO
(f) Type of Design Contract: Design-bid-build	
(2) Basis:	
(a) Standard or Definitive Design: YES	
(b) Where Most Recently Used:	Bagram
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)	
(a) Production of Plans and Specifications.....	228
(b) All Other Design Costs.....	
(c) Total Design Cost.....	228
(d) Contract.....	
(e) In-house.....	228
(4) Construction Contract Award.....	AUG 2007
(5) Construction Start.....	SEP 2007
(6) Construction Completion.....	AUG 2009



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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan			4. PROJECT TITLE Storm Water Collection		
5. PROGRAM ELEMENT	6. CATEGORY CODE 844	7. PROJECT NUMBER 64126	8. PROJECT COST (\$000) Auth 5,600 Approp 5,600		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					4,119
Storm Sewer RCC 600MM dia		m (LF)	5,500 ( 18,045)	244.61	(1,345)
Storm Sewer RCC 900 dia		m (LF)	600 ( 1,969)	468.65	(281)
Storm Sewer RCC 1200 mm dia		m (LF)	600 ( 1,969)	713.27	(428)
Storm Sewer 1525 mm dia		m (LF)	600 ( 1,969)	1,073	(644)
Storm Sewer 1825 mm dia		m (LF)	600 ( 1,969)	1,446	(868)
Total from Continuation page					(553)
<u>SUPPORTING FACILITIES</u>					693
Paving, Walks, Curbs & Gutters		LS	--	--	(693)
ESTIMATED CONTRACT COST					4,812
CONTINGENCY PERCENT (5.00%)					241
SUBTOTAL					5,053
SUPV, INSP & OVERHEAD (7.70%)					389
DESIGN/BUILD - DESIGN COST					202
TOTAL REQUEST					5,644
TOTAL REQUEST (ROUNDED)					5,600
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct storm water collection and disposal system to collect, carry and dispose of storm/run-off water, along with support facilities.					
11. REQ: 7,900 m ADQT: NONE SUBSTD: NONE					
REQUIREMENT: Construct a storm water collection and disposal system. Use gravity drainage via pipes or ditches to the maximum extent possible. Drainage facilities will be constructed first to serve land use areas of highest priority (flight line, office and work areas, outfitting, and dining and billeting areas).					
CURRENT SITUATION: Disruptive flooding occurs at Bagram Airfield during winter rainfalls and spring snowmelts as a result of inadequate or non-existent drainage infrastructure. Flood events produce ponding over much of the Disney road corridor and southern ECP (one) at the town of Bagram. The major cross-culvert extending across the north end of Disney road, flight line apron, taxiway and runways has been identified as having a 10 year storm event capacity. The drainage basin producing runoff to the culvert is approximately 50 square kilometers of farmland and mountain foothills. The stream basin flows are siphoned off during the growing season to irrigate crops and are of					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  Storm Water Collection	5. PROJECT NUMBER  64126
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Storm Drainage RCC Manholes	EA	54 --	6,424	(347)
Inlets/ Catch Basin	EA	80 --	2,569	(206)
			Total	553

CURRENT SITUATION: (CONTINUED)

unknown capacity and functionality.

IMPACT IF NOT PROVIDED: If not provided, Bagram will continue to have serious flooding problems in many areas. The flooding is a life, health, and safety threat that can cause "disease vectors" to breed and spread malaria. Inadequate drainage will continue to cause low morale during rainy season since troops have to trek through standing water in various areas. Also, the environmental impacts of creating "mud bowls" due to heavy rains and no drainage are not favorable.

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.....	FEB 2007
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	AUG 2007
(d) Date Design Complete.....	OCT 2008
(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.....	228
(b) All Other Design Costs.....	
(c) Total Design Cost.....	228
(d) Contract.....	
(e) In-house.....	228

(4) Construction Contract Award..... APR 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  Storm Water Collection	5. PROJECT NUMBER  64126
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (5) Construction Start..... MAY 2008
- (6) Construction Completion..... APR 2010

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
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NONE

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan			4. PROJECT TITLE Communication System Facility		
5. PROGRAM ELEMENT	6. CATEGORY CODE 721	7. PROJECT NUMBER 64091	8. PROJECT COST (\$000) Auth 8,200 Approp 8,200		
9. COST ESTIMATES					
ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>				799	
ITN Shelters	LS	--	--	(530)	
Building Information Systems	LS	--	--	(269)	
<u>SUPPORTING FACILITIES</u>				6,166	
Site Imp( 380) Demo( )	LS	--	--	(380)	
Information Systems	LS	--	--	(1,386)	
Information Systems	LS	--	--	(4,400)	
ESTIMATED CONTRACT COST				6,965	
CONTINGENCY PERCENT (5.00%)				348	
SUBTOTAL				7,313	
SUPV, INSP & OVERHEAD (7.70%)				563	
DESIGN/BUILD - DESIGN COST				293	
TOTAL REQUEST				8,169	
TOTAL REQUEST (ROUNDED)				8,200	
INSTALLED EQT-OTHER APPROP				(3,324)	
10. Description of Proposed Construction Construct a communications manhole and duct system with fiber optic cable from the existing Area Distribution Node 9 to a new Area Distribution Node 7 located East of the Coalition Air Support Ramp. Another Area Distribution Node 8 will be installed between Area Distribution Node 9 and Area Distribution Node 7. The manhole and duct system and Area Distribution Node will also provide a portion of the fiber optic ring around the base.					
11. REQ: NA ADQT: NA SUBSTD: NA PROJECT: Construct communications infrastructure system. (Current Mission) REQUIREMENT: In accordance with the 2010 Master Plan, Bagram Air Field requires a permanent transmission infrastructure for voice and data (secure and non-secure)to accommodate the growth and future expansion of the east side. The installation of this project will ensure that future projects will be able to have communications. CURRENT SITUATION: Currently there is no existing communications infrastructure beyond Area Distribution Node 9 on the east side of Bagram Air Field. This project installs a manhole and duct system and fiber cable to a new Area Distribution Node installed East of the Close Air Support Ramp. Two					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
3. INSTALLATION AND LOCATION  Bagram Air Base, Afghanistan		
4. PROJECT TITLE  Communication System Facility	5. PROJECT NUMBER  64091	
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>144 strand fiber optic cables and one 24 strand fiber optic cable will be installed between AND 9 and the Close Air Support Ramp.</p> <p><u>IMPACT IF NOT PROVIDED:</u> If not funded, the lack of infrastructure on the East side of the sir field will severely impact the ability of the communications systems to be able to be brought to the east side to sustain the expansion of future operation and requirements in accordance with the 2010 master plan.</p> <p><u>ADDITIONAL:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p>		
12. <u>SUPPLEMENTAL DATA:</u>		
A. Estimated Design Data:		
(1) Status:		
(a) Date Design Started.....	FEB 2007	
(b) Percent Complete As Of January 2006.....	.00	
(c) Date 35% Designed.....	NOV 2007	
(d) Date Design Complete.....	JAN 2008	
(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.....	210	
(b) All Other Design Costs.....		
(c) Total Design Cost.....	210	
(d) Contract.....		
(e) In-house.....	210	
(4) Construction Contract Award.....		
	SEP 2007	
(5) Construction Start.....		
	OCT 2007	
(6) Construction Completion.....		
	MAR 2009	

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  Communication System Facility	5. PROJECT NUMBER  64091
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Info Sys - ISC	OPA	2008	3,324
		TOTAL	<u>3,324</u>

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan				4. PROJECT TITLE CMU Barracks		
5. PROGRAM ELEMENT		6. CATEGORY CODE 721	7. PROJECT NUMBER 64092		8. PROJECT COST (\$000) Auth 17,000 Approp 17,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						12,641
Barracks		m2 (SF)	9,548 ( 102,771)		1,220	(11,648)
Antiterrorism Measures		LS	--		--	(329)
Building Information Systems		LS	--		--	(664)
<u>SUPPORTING FACILITIES</u>						1,660
Water, Sewer, Gas		LS	--		--	(850)
Paving, Walks, Curbs & Gutters		LS	--		--	(238)
Site Imp( 281) Demo( )		LS	--		--	(281)
Information Systems		LS	--		--	(194)
Antiterrorism Measures		LS	--		--	(97)
ESTIMATED CONTRACT COST						14,301
CONTINGENCY PERCENT (5.00%)						715
SUBTOTAL						15,016
SUPV, INSP & OVERHEAD (7.70%)						1,156
DESIGN/BUILD - DESIGN COST						601
TOTAL REQUEST						16,773
TOTAL REQUEST (ROUNDED)						17,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct 5 hardened barracks to provide for 800 soldiers. Supporting Facilities include electrical distribution, transformers, switchgear, water storage tanks, water and sewage distribution systems, and mechanical systems. Other supporting facility features include roads, drainage, and parking. Anti-Terrorism measures will be included.						
11. REQ:		9,548 PN		ADQT: NONE		SUBSTD: 7,434 PN
PROJECT: Construct hardened barracks to provide force protection for 800 soldiers. (Current Mission). This Project requires utilities to be completed and useable, REF. FY07 PN's.						
REQUIREMENT: This project is required to provide soldiers hardened barracks where they are reasonably protected from indirect fire attacks. Additionally, the barracks will afford improved protection from the extreme weather conditions thereby enhancing the quality of life for soldiers on one year tours at the location.						
CURRENT SITUATION: The harsh Afghanistan environment has deteriorated Bagram's current billeting, which is made up of wooden B-huts. The Bagram population is currently around 12,000 military and civilian personnel. Existing billeting does not allow for appropriate fire protection lanes in						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  CMU Barracks	5. PROJECT NUMBER  64092
--------------------------------------	--------------------------------

CURRENT SITUATION: (CONTINUED)

most areas. The wooden B-hut billets will not last much longer and will not be ready to meet surge requirements in the near future. Currently there are 5 hardened barracks under construction to house 800 soldiers. This project will house another 800 bringing the total to 1600.

IMPACT IF NOT PROVIDED: Failure to provide hardened barracks greatly increases the risk of mass casualties from insurgent attacks. The likelihood of attack on a billeting area increases as there is mounting evidence that insurgent forces are specifically targeting these facilities in order to inflict the maximum number of casualties. The combat readiness of the individual soldier is negatively impacted due to continuous exposure to the elements.

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. Total cost estimate for these 5 barracks is based upon recent cost of contract award of the 5 barracks currently under construction. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- |  |          |
|--|----------|
| (a) Date Design Started.....                         | FEB 2007 |
| (b) Percent Complete As Of January 2006.....         | .00      |
| (c) Date 35% Designed.....                           | MAY 2007 |
| (d) Date Design Complete.....                        | JUL 2008 |
| (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..... | 345 |
| (b) All Other Design Costs.....                 |     |
| (c) Total Design Cost.....                      | 345 |
| (d) Contract.....                               |     |

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Bagram Air Base, Afghanistan

4. PROJECT TITLE CMU Barracks	5. PROJECT NUMBER 64092
----------------------------------	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house.....	345
(4) Construction Contract Award.....	SEP 2007
(5) Construction Start.....	APR 2008
(6) Construction Completion.....	APR 2010

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NA			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan				4. PROJECT TITLE Perimeter Fence and Guard Towers		
5. PROGRAM ELEMENT		6. CATEGORY CODE 721	7. PROJECT NUMBER 64094		8. PROJECT COST (\$000) Auth 8,900 Approp 8,900	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,391
Perimeter Fence		m (LF)	13,015 (	42,700)	104.92	(1,366)
Ground Alert Sensors		EA	7 --		141,391	(990)
Guard Towers		EA	16 --		8,508	(136)
Exterior Lighting		EA	220 --		2,776	(611)
Power Distribution		m (LF)	13,015 (	42,700)	173.30	(2,255)
Building Information Systems		LS	--		--	(33)
<u>SUPPORTING FACILITIES</u>						2,227
Paving, Walks, Curbs & Gutters		LS	--		--	(228)
Site Imp( 503) Demo( )		LS	--		--	(503)
Information Systems		LS	--		--	(1,496)
ESTIMATED CONTRACT COST						7,618
CONTINGENCY PERCENT (5.00%)						381
SUBTOTAL						7,999
SUPV, INSP & OVERHEAD (7.70%)						616
DESIGN/BUILD - DESIGN COST						320
TOTAL REQUEST						8,935
TOTAL REQUEST (ROUNDED)						8,900
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct 42,700 LF of 12 FT tall chain-link security fence with outriggers and concertina wire at Bagram Air Base. Fence will include pole mounted spotlights, high intensity lighting, cabling and power for installation of motion sensors and surveillance cameras and a Central Computer Monitoring System (CCMS) will be procured using OMA/OPA funds. Construction includes guard towers, site utilities, site improvements, demo and de-mining if necessary. Vehicle barriers shall be incorporated in the design.						
11. REQ: 13,015 m ADQT: NONE SUBSTD: 13,015 m PROJECT: Construct Perimeter Fence and Guard Towers at Bagram Air Field (BAF). REQUIREMENT: To provide a perimeter fence, guard towers, and infrastructure for intrusion and motion detection sensors and surveillance cameras, to improve security, reduce risk to personnel, and reduce guard force requirements. This will allow patrols to monitor an intruder detection system that is tied into the motion activated camera, and provide high intensity lighting where none currently exists, allowing for identification of any movement outside the wire. Further, higher guard towers with lighting around						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  Perimeter Fence and Guard Towers	5. PROJECT NUMBER  64094
--	--------------------------------

REQUIREMENT: (CONTINUED)

the entire perimeter are needed to allow adequate observation outside the perimeter.

CURRENT SITUATION: The existing perimeter fence consists of concertina wire and chain-link fence which are old and rusted. It needs serious repair at various locations to meet force protection standards. The guard towers are not tall enough to provide an unobstructed field of view due to the rough terrain surrounding the installation. There are no lights along the perimeter fence.

IMPACT IF NOT PROVIDED: This project directly impacts winning the Global War on Terrorism because it significantly supports the mission, the troops, and the facilities at this installation by decreasing the risk of terrorist attacks.

ADDITIONAL: All site work should include de-mining. 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. This project has been coordinated with the installation force protection objectives and all physical security measures are included. This project has been coordinated with the installation physical security plan, and all physical security measures are included.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- |  |          |
|--|----------|
| (a) Date Design Started.....                         | FEB 2007 |
| (b) Percent Complete As Of January 2006.....         | .00      |
| (c) Date 35% Designed.....                           | NOV 2007 |
| (d) Date Design Complete.....                        | JAN 2008 |
| (e) Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) Type of Design Contract: Design-build            |          |

- (2) Basis:
- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Bagram

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- |   |     |
|---|-----|
| (a) Production of Plans and Specifications..... | 228 |
| (b) All Other Design Costs.....                 |     |
| (c) Total Design Cost.....                      | 228 |
| (d) Contract.....                               |     |
| (e) In-house.....                               | 228 |

- (4) Construction Contract Award..... SEP 2007

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Bagram Air Base, Afghanistan

4. PROJECT TITLE Perimeter Fence and Guard Towers	5. PROJECT NUMBER 64094
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (5) Construction Start..... OCT 2007
- (6) Construction Completion..... MAR 2009

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan			4. PROJECT TITLE RSOI Surge Area		
5. PROGRAM ELEMENT	6. CATEGORY CODE 725	7. PROJECT NUMBER 66811	8. PROJECT COST (\$000) Auth 14,000 Approp 14,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					8,122
Concrete Tent Pad		EA	12 --	64,334	(772)
Shower/ Shave Units		m2 (SF)	297 ( 3,197)	1,023	(304)
Latrines		m2 (SF)	446 ( 4,801)	1,169	(522)
Dining Facility		m2 (SF)	1,918 ( 20,645)	1,915	(3,673)
MWR Facility		m2 (SF)	669 ( 7,201)	877.27	(587)
Total from Continuation page					(2,264)
<u>SUPPORTING FACILITIES</u>					3,795
Electric Service		LS	--	--	(1,164)
Paving, Walks, Curbs & Gutters		LS	--	--	(546)
Site Imp( 671) Demo( )		LS	--	--	(671)
Information Systems		LS	--	--	(801)
Antiterrorism Measures		LS	--	--	(613)
ESTIMATED CONTRACT COST					11,917
CONTINGENCY PERCENT (5.00%)					596
SUBTOTAL					12,513
SUPV, INSP & OVERHEAD (7.70%)					964
DESIGN/BUILD - DESIGN COST					501
TOTAL REQUEST					13,978
TOTAL REQUEST (ROUNDED)					14,000
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction RSOI surge area capable of supporting a 2,400 person surge at Bagram Air Field. Construction includes concrete reinforced pads, shower/shave units and latrines; dining facility with cold food storage and storage yard; morale, welfare and recreation facility; field house; and camp mayor and maintenance office. Supporting facilities include paved access road, site utility connections, and force protection requirements. Construct personnel bunkers throughout the camp.					
11. REQ: 19,117 m2 ADQT: NONE SUBSTD: 14,270 m2					
PROJECT: Construct a 2,400 person Reception Staging Onward Movement Integration camp on the eastern side of Bagram Air Field. This camp will serve as staging quarters for transitioning forces moving into and out of Combined Joint Operations Afghanistan (CJOA). This project is dependent on FY07 Utilities Projects in order to be complete and useable. This project will accommodate the surge population for future contingencies. Troops will be billeted in expedient surge facilities. (Current Mission)					
REQUIREMENT: Construct the long lead time infrastructure and utilities necessary to support the rapid erection of a 2,400 person tent city at Bagram Airfield in accordance with CENTCOM guidance. Tent pads will be configured in					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  RSOI Surge Area	5. PROJECT NUMBER  66811
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Field House	m2 (SF)	465 ( 5,005)	877.27	(408)
Camp Maintenance/Mayor Office	m2 (SF)	93 ( 1,001)	926.02	(86)
Kitchen and Storage	m2 (SF)	959 ( 10,323)	1,462	(1,402)
Building Information Systems	LS	--	--	(368)
			Total	2,264

REQUIREMENT: (CONTINUED)  
a semi-dispersed pattern according to AFH 10-222, Volume 2. Standard tent city facility types and sizes will be in accordance with CENTCOM Regulation 415-1 "The Sand Book". Force protection measures will be constructed in accordance with CENTCOM OPOD 05-01. Site utilities will meet the minimum requirement to support a fully occupied tent city and will tie into existing base systems. Semi-permanent pre-engineered buildings constructed for support facilities will be used for on-site war reserve material storage during non-surge periods.

CURRENT SITUATION: Bagram currently supports a population of over 12,000 personnel mostly in five year old plywood B-Huts that have exhausted their useful life. In accordance with CENTCOM guidance, Bagram is building and planning concrete barracks to replace the B-Huts for only the projected future long-term population. CJTF-76 has deleted \$104 Million in future ARCENT MILCON requirements for additional concrete barracks. In place of these concrete barracks projects, additional surge population in support of future contingencies will be billeted in expedient tent city facilities at a much reduced cost. The subject construction project is the minimum necessary to meet urgent military operational requirements to support the reception, staging, onward movement, and integration of troops at Bagram in support of Operation Enduring Freedom and the Global War on Terrorism.

IMPACT IF NOT PROVIDED: No tent city site or facilities exist on Bagram to billet a surge population in support of future contingencies. If long lead time infrastructure to support the rapid erection of a tent city is not provided, Bagram will be unable to expediently support wartime mission force beddown and throughput. The alternative billeting option to building contingency tent city facilities is to construct semi-permanent or concrete barracks at much greater expense.

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. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  RSOI Surge Area	5. PROJECT NUMBER  66811
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ADDITIONAL: (CONTINUED)

are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JAN 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... MAY 2007
  - (d) Date Design Complete..... JUL 2007
  - (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..... 438
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 438
  - (d) Contract.....
  - (e) In-house..... 438
  
- (4) Construction Contract Award..... SEP 2007
  
- (5) Construction Start..... OCT 2007
  
- (6) Construction Completion..... MAR 2009

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  Bagram Air Base, Afghanistan
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4. PROJECT TITLE  RSOI Surge Area	5. PROJECT NUMBER  66811
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan				4. PROJECT TITLE New Roads		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 64131		8. PROJECT COST (\$000) Auth 26,000 Approp 26,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						22,933
Demo Existing Road		m2 (SF)	412,800 ( 4443342)		10.62	(4,384)
Excavate New Road Way		m3 (CY)	62,000 ( 81,093)		6.89	(427)
Sub-Base		m3 (CY)	94,470 ( 123,562)		23.28	(2,199)
Base Course		m3 (CY)	71,240 ( 93,178)		46.55	(3,317)
Paving		m2 (SF)	412,310 ( 4438068)		29.86	(12,312)
Culverts		m (LF)	200 ( 656.17)		1,468	(294)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						22,933
CONTINGENCY PERCENT (5.00%)						1,147
SUBTOTAL						24,080
SUPV, INSP & OVERHEAD (7.70%)						1,854
TOTAL REQUEST						25,934
TOTAL REQUEST (ROUNDED)						26,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction						
11. REQ: 22 m2 ADQT: NONE SUBSTD: NONE						
<u>REQUIREMENT:</u> This project is required to provide asphalt 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 Bagram Airfield Facilities. A perimeter road is needed for security/force protection. This project will be coordinated with the following FY 07 projects PN 62840 Water Treatment and Distribution, PN 62839, WWTP & Sewer collection, and PN 64126 Storm Water Collection.						
<u>CURRENT SITUATION:</u> 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 currently 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 asphalt road is narrow and yields high traffic flow. The current perimeter road is gravel with several potholes. The bridge on the perimeter road is made "ad-hoc" of airfield perforated steel plates. It is only one lane and is very unsafe to						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  New Roads	5. PROJECT NUMBER  64131
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CURRENT SITUATION: (CONTINUED)

cross.  
IMPACT IF NOT PROVIDED: If not provided, Bagram's ability to react to a force protection threat or emergency will be severely impacted. Also, Bagram Airfield will not have a complete transportation system to perform its mission. This is the last project based on the current draft master plan. It means that we will be able to lay asphalt without utility cuts/other construction problems because all utility projects were constructed with previous projects.

ADDITIONAL: This project directly impacts winning the Global War on Terrorism because it significantly supports the mission, the troops, and the facilities at this installation by decreasing the risk of terrorist attacks. This project was created based on a draft Master Plan. Planning estimates were provided by COE. All site work should include de-mining. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... FEB 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... MAY 2007
  - (d) Date Design Complete..... JUN 2007
  - (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..... 650
  - (b) All Other Design Costs..... \_\_\_\_\_
  - (c) Total Design Cost..... 650
  - (d) Contract..... \_\_\_\_\_
  - (e) In-house..... 650
  
- (4) Construction Contract Award..... SEP 2007

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Bagram Air Base, Afghanistan

4. PROJECT TITLE New Roads	5. PROJECT NUMBER 64131
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... OCT 2007

(6) Construction Completion..... SEP 2009

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan			4. PROJECT TITLE Combat Air Ramp		
5. PROGRAM ELEMENT 01010A	6. CATEGORY CODE 113	7. PROJECT NUMBER 68610	8. PROJECT COST (\$000) Auth 10,800 Approp 10,800		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					9,216
Airfield Aprons, Concrete		m2 (SF)	27,025 ( 290,895)	260.00	(7,027)
Airfield Taxiways, Concrete		m2 (SF)	6,361 ( 68,469)	260.00	(1,654)
A/C Surface		m2 (SF)	9,390 ( 101,073)	57.00	(535)
<u>SUPPORTING FACILITIES</u>					400
Electric Service		LS	--	--	(250)
Site Imp( 150) Demo( )		LS	--	--	(150)
ESTIMATED CONTRACT COST					9,616
CONTINGENCY PERCENT (5.00%)					481
SUBTOTAL					10,097
SUPV, INSP & OVERHEAD (7.70%)					777
TOTAL REQUEST					10,874
TOTAL REQUEST (ROUNDED)					10,800
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct a medium load concrete parking apron designed to support 14 generic fighter aircraft. Apron construction will include all required edge lighting, area lighting and pavement markings.					
11. REQ: 42,776 m2 ADQT: NONE SUBSTD: NONE					
PROJECT: BAF Combat Air Ramp.					
REQUIREMENT: A parking ramp designed to support one squadron of fighter aircraft to conduct Close Air Support (CAS) missions over the battlefield in Afghanistan.					
CURRENT SITUATION: One squadron of CAS aircraft currently operate from Bagram and is parked on the west side of the airfield in close proximity to maintenance, admin and billeting facilities. This current parking area does not provide the Quantity- Distance (QD) standoff needed between aircraft loaded with live munitions and inhabited facilities. A CAS ramp on the east side has been constructed as part of the FY04 Runway Repair MILCON project and the squadron will move to that ramp when all construction of support facilities is completed. Due to the significant increase in CAS requirements, the Combined Forces Air Component Commander (CFACC) has determined that a second squadron of CAS fighters is required as soon as parking space is					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Bagram Air Base, Afghanistan

4. PROJECT TITLE  Combat Air Ramp	5. PROJECT NUMBER  68610
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CURRENT SITUATION: (CONTINUED)  
available. Parking these fighters at Bagram, closer to the fight, means that west side parking will still have to be utilized, placing hundreds of soldiers at risk if an accident occurs on the west side ramp involving the live munitions. There is no additional land on the west side of Bagram AB to move these facilities. The safest solution is to locate the aircraft loaded with live munitions on the east side. With all combat loaded aircraft parked away from inhabited facilities, admin and billeting support facilities can operate safely on the west side of the base.  
IMPACT IF NOT PROVIDED: The additional fighter aircraft deployed to Bagram will park on the west side of the base placing soldiers and airmen at risk of blast or fragmentation if an accident were to occur. The required separation between inhabited facilities and armed aircraft is 1250 feet. The current west side parking configuration will place armed aircraft within 700 feet on inhabited buildings. The two squadrons of CAS aircraft will be separated on opposite sides of the airfield requiring additional maintenance equipment to support each unit.  
ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:	
(1) Status:	
(a) Date Design Started.....	MAR 2007
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	APR 2007
(d) Date Design Complete.....	MAY 2007
(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.....	640
(b) All Other Design Costs.....	
(c) Total Design Cost.....	640
(d) Contract.....	640
(e) In-house.....	
(4) Construction Contract Award..... JUL 2007	

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Bagram Air Base, Afghanistan

4. PROJECT TITLE Combat Air Ramp	5. PROJECT NUMBER 68610
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... NOV 2007

(6) Construction Completion..... MAR 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Bagram Air Base Afghanistan				4. PROJECT TITLE Strategic Ramp		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 113	7. PROJECT NUMBER 68612		8. PROJECT COST (\$000) Auth 17,800 Approp 17,800	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						14,238
Airfield Aprons, Concrete		m2 (SF)	52,000 ( 559,723)		260.00	(13,520)
Asphalt Shoulders		m2 (SF)	6,900 ( 74,271)		57.00	(393)
Asphalt Road		m2 (SF)	5,700 ( 61,354)		57.00	(325)
<u>SUPPORTING FACILITIES</u>						1,502
Electric Service		LS	--		--	(547)
Site Imp( 955) Demo( )		LS	--		--	(955)
ESTIMATED CONTRACT COST						15,740
CONTINGENCY PERCENT (5.00%)						787
SUBTOTAL						16,527
SUPV, INSP & OVERHEAD (7.70%)						1,273
TOTAL REQUEST						17,800
TOTAL REQUEST (ROUNDED)						17,800
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a medium load concrete parking apron that will be able to park two wide body aircraft. Apron construction will include all required lighting and pavement markings.						
11. REQ: 64,600 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: Strategic Ramp.						
REQUIREMENT: Bagram Air Base requires a parking ramp to support Strategic Airlift missions for wide body aircraft.						
CURRENT SITUATION: The new runway at Bagram provides the capability for wide body strategic airlift aircraft to land, but there is no parking space available for these large aircraft. Any wide body traffic must be serviced on the parallel taxiway blacking its use to other aircraft. The high level of aircraft traffic at Bagram requires that the parallel taxiway is available to prevent unnecessary congestion. Wide body aircraft are intentionally prevented from using this airfield due to the inability to properly park and service the aircraft.						
IMPACT IF NOT PROVIDED: Without this strategic ramp, Bagram will only be able to accept wide body aircraft in emergency situations. The airfield will not be able to park and service the wide body aircraft without closing						



1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  Bagram Air Base, Afghanistan
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4. PROJECT TITLE  Strategic Ramp	5. PROJECT NUMBER  68612
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Kabul Afghanistan				4. PROJECT TITLE Consolidated Compound		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 610	7. PROJECT NUMBER 66770		8. PROJECT COST (\$000) Auth 25,600 Approp 25,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						19,166
Administrative Facility		m2 (SF)	6,642 ( 71,494)		2,000	(13,284)
Unaccompanied Officers Quarters		m2 (SF)	1,342 ( 14,445)		2,000	(2,684)
Dining Facility		m2 (SF)	865 ( 9,311)		3,000	(2,595)
Vehicle Maintenance Shop		m2 (SF)	300 ( 3,229)		2,008	(603)
<u>SUPPORTING FACILITIES</u>						2,661
Electric Service		LS	--		--	(1,207)
Water, Sewer, Gas		LS	--		--	(1,345)
Antiterrorism Measures		LS	--		--	(109)
ESTIMATED CONTRACT COST						21,827
CONTINGENCY PERCENT (5.00%)						1,091
SUBTOTAL						22,918
SUPV, INSP & OVERHEAD (7.70%)						1,765
DESIGN/BUILD - DESIGN COST						917
TOTAL REQUEST						25,600
TOTAL REQUEST (ROUNDED)						25,600
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct administrative and billeting for the Office of Security Cooperation-Afghanistan (OSC-A). Supporting facilities include increased capacity from the original plan for dining, medical aid station, AAFES, and MWR facilities and various other support buildings as OSC-A personnel requirements changed. Utilities upgrades will be appropriately sized to accommodate the additional facilities. A vehicle maintenance facility will be constructed.						
11. REQ: 9,149 m2 ADQT: NONE SUBSTD: NONE						
PROJECT: Construct administrative and billeting for the Office of Security Cooperation-Afghanistan (OSC-A). (Current Mission)						
REQUIREMENT: This project is required to provide adequate space to meet the projected increased OSC-A mission requirements of additional administrative, billeting, and support facilities.						
CURRENT SITUATION: Forces currently working at Camp Eggers, Kabul, Afghanistan operate and live on the compound and surrounding area. Expanding mission requirements have led to an increase in the number of personnel. This has created a situation where personnel are forced to work in overcrowded facilities. A large portion of the Camp Eggers staff lives in leased billeting						



1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Kabul, Afghanistan

4. PROJECT TITLE Consolidated Compound	5. PROJECT NUMBER 66770
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) All Other Design Costs.....	_____
(c) Total Design Cost.....	_____ 600
(d) Contract.....	_____
(e) In-house.....	_____ 600
(4) Construction Contract Award.....	_____ AUG 2007
(5) Construction Start.....	_____ NOV 2007
(6) Construction Completion.....	_____ DEC 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan				4. PROJECT TITLE Road Freedom/Asabalad to Blessing		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67386		8. PROJECT COST (\$000) Auth 17,500 Approp 17,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Demo Existing Road		m2 (SF)	245,700 ( 2644690)		8.39	14,821 (2,064)
Excavate New Road Way		m3 (CY)	22,445 ( 29,357)		6.79	(153)
Sub-Base		m3 (CY)	80,059 ( 104,713)		23.00	(1,841)
Base Course		m3 (CY)	70,120 ( 91,714)		46.00	(3,226)
Paving		m2 (SF)	238,680 ( 2569128)		29.49	(7,041)
Total from Continuation page						(496)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST 14,821						
CONTINGENCY PERCENT (5.00%) 741						
SUBTOTAL 15,562						
SUPV, INSP & OVERHEAD (7.70%) 1,198						
DESIGN/BUILD - DESIGN COST 622						
TOTAL REQUEST 17,382						
TOTAL REQUEST (ROUNDED) 17,500						
INSTALLED EQT-OTHER APPROP (0)						
10. Description of Proposed Construction Construct a portion of an existing road (26 km) through Road Freedom/Asabalad to Blessing. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each sides.						
11. REQ: 26 km ADQT: NONE SUBSTD: 26 km						
PROJECT: Construct a portion of a road (26 km) through Road Freedom/Asabalad To Blessing. (Current Mission)						
REQUIREMENT: Paving this section of road will enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.						
CURRENT SITUATION: The road through Road Freedom/Asabalad To Blessing is highly traveled by US and Coalition forces and is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Freedom/Asabalad to Blessing	5. PROJECT NUMBER  67386
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	273 ( 895.67)	1,450	(396)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	520 ( 5,597)	193.00	(100)
			Total	496

IMPACT IF NOT PROVIDED: Current force protection/counter IED statistics indicate that paving a road substantially reduces mortar attacks. If not provided, US and Coalition forces will continue to be subjected to a high risk travel route with no options for an alternate path through Road Freedom/Asabalad To Blessing.

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... OCT 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... DEC 2007
  - (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..... 450
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 450
  - (d) Contract.....
  - (e) In-house..... 450
  
- (4) Construction Contract Award..... AUG 2007
  
- (5) Construction Start..... OCT 2007

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan

4. PROJECT TITLE Road Freedom/Asabalad to Blessing	5. PROJECT NUMBER 67386
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)  
(6) Construction Completion..... JUL 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT <b>ARMY</b>	FY 2007      MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan	4. PROJECT TITLE Road Naray to Kamdash
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5. PROGRAM ELEMENT	6. CATEGORY CODE 851	7. PROJECT NUMBER 67347	8. PROJECT COST (\$000) Auth            27,000 Approp        27,000
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**9. COST ESTIMATES**

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				22,989
Demo Existing Road	m2 (SF)	390,000 ( 4197925)	8.40	(3,276)
Excavate New Road Way	m3 (CY)	98,607 ( 128,973)	6.81	(672)
Sub-Base	m3 (CY)	87,782 ( 114,815)	23.00	(2,019)
Base Course	m3 (CY)	98,800 ( 129,226)	46.00	(4,545)
Paving	m2 (SF)	390,200 ( 4200078)	29.50	(11,511)
Total from Continuation page				(966)

<u>SUPPORTING FACILITIES</u>				
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ESTIMATED CONTRACT COST				22,989
CONTINGENCY PERCENT (5.00%)				1,149
SUBTOTAL				24,138
SUPV, INSP & OVERHEAD (7.70%)				1,859
DESIGN/BUILD - DESIGN COST				966
TOTAL REQUEST				26,963
TOTAL REQUEST (ROUNDED)				27,000
INSTALLED EQT-OTHER APPROP				(0)

10. Description of Proposed Construction      Construct a 40km portion of an existing road from Naray to Kamdash. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.

11. REQ:                            40 km    ADQT:                            NONE            SUBSTD:                            40 km  
PROJECT:   Construct a portion of a road (40km) from Naray to Kamdash. (Current Mission)  
REQUIREMENT:   Construct a portion of a road (40km) from Naray to Kamdash. Paving this section of road will enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.  
CURRENT SITUATION:   The road from Naray to Kamdash is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. Poor roadway conditions require traffic to drive more slowly, thereby exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.  
IMPACT IF NOT PROVIDED:   US and Coalition forces will continue to be subjected to a high risk travel route with no options for an alternate path between Naray to Kamdash. During adverse weather conditions re-supplying of

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Naray to Kamdash	5. PROJECT NUMBER  67347
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	560 ( 1,837)	1,450	(812)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	800 ( 8,611)	193.00	(154)
			Total	966

IMPACT IF NOT PROVIDED: (CONTINUED)

forward positioned troops is inhibited since roads are not passable due to poor condition.

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... OCT 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... FEB 2008
  - (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..... 700
  - (b) All Other Design Costs..... \_\_\_\_\_
  - (c) Total Design Cost..... 700
  - (d) Contract..... \_\_\_\_\_
  - (e) In-house..... 700
  
- (4) Construction Contract Award..... AUG 2007
  
- (5) Construction Start..... OCT 2007
  
- (6) Construction Completion..... OCT 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Naray to Kamdash	5. PROJECT NUMBER  67347
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
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NONE

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan				4. PROJECT TITLE Road Asmar to Naray		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67221		8. PROJECT COST (\$000) Auth 9,700 Approp 9,700	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,284
Demo Existing Road		m2 (SF)	134,600 ( 1448822)		8.40	(1,131)
Excavate New Road Way		m3 (CY)	64,410 ( 84,245)		6.80	(438)
Sub-Base		m3 (CY)	59,650 ( 78,019)		23.00	(1,372)
Base Course		m3 (CY)	23,814 ( 31,148)		46.00	(1,095)
Paving		m2 (SF)	134,946 ( 1452547)		29.50	(3,981)
Total from Continuation page						(267)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						8,284
CONTINGENCY PERCENT (5.00%)						414
SUBTOTAL						8,698
SUPV, INSP & OVERHEAD (7.70%)						670
DESIGN/BUILD - DESIGN COST						348
TOTAL REQUEST						9,716
TOTAL REQUEST (ROUNDED)						9,700
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a portion (15km) of road from Asmar to Naray. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.						
11. REQ: 15 km ADQT: NONE SUBSTD: 15 km						
PROJECT: Construct a portion (15km) of road from Asmar to Naray. (Current Mission)						
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.						
CURRENT SITUATION: The road from Asmar to Naray is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.						
IMPACT IF NOT PROVIDED: If not provided, US and Coalition forces will continue to be subjected to a high-risk travel route with no options for an alternate path from Asmar to Naray.						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Asmar to Naray	5. PROJECT NUMBER  67221
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	147 ( 482.28)	1,450	(213)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	280 ( 3,014)	193.00	(54)
			Total	267

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. Mission requirements, operational considerations, and location are incompatible with use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... OCT 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... DEC 2007
  - (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..... 243
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 243
  - (d) Contract.....
  - (e) In-house..... 243
  
- (4) Construction Contract Award..... AUG 2007
  
- (5) Construction Start..... OCT 2007
  
- (6) Construction Completion..... JUN 2008

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan

4. PROJECT TITLE Road Asmar to Naray	5. PROJECT NUMBER 67221
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
	NONE		

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan			4. PROJECT TITLE Road Jalabad to Shali Kot		
5. PROGRAM ELEMENT	6. CATEGORY CODE 851	7. PROJECT NUMBER 67220	8. PROJECT COST (\$000) Auth 15,000 Approp 15,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					12,853
Demo Existing Road		m2 (SF)	222,100 ( 2390664)	8.40	(1,866)
Excavate New Road Way		m3 (CY)	45,700 ( 59,773)	6.80	(311)
Sub-Base		m3 (CY)	65,800 ( 86,063)	23.00	(1,513)
Base Course		m3 (CY)	47,750 ( 62,455)	46.00	(2,197)
Paving		m2 (SF)	221,900 ( 2388512)	29.50	(6,546)
Total from Continuation page					(420)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					12,853
CONTINGENCY PERCENT (5.00%)					643
SUBTOTAL					13,496
SUPV, INSP & OVERHEAD (7.70%)					1,039
DESIGN/BUILD - DESIGN COST					540
TOTAL REQUEST					15,075
TOTAL REQUEST (ROUNDED)					15,000
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct a portion (23km) of a road from Jalalabad to Shali Kot. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.					
11. REQ: 23 km ADQT: NONE SUBSTD: 23 km					
PROJECT: Construct a portion (23km) of road from Jalalabad to Shali Kot. (Current Mission)					
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.					
CURRENT SITUATION: The road from Jalalabad to Shali Kot is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.					
IMPACT IF NOT PROVIDED: If not provided, US and Coalition forces will continue to be subjected to a high-risk travel route with no options for an alternate path from Jalalabad to Shali Kot.					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Jalabad to Shali Kot	5. PROJECT NUMBER  67220
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	231 ( 757.87)	1,450	(335)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	440 ( 4,736)	193.00	(85)
			Total	420

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	OCT 2006
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	OCT 2007
(d) Date Design Complete.....	DEC 2007
(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.....	
(c) Total Design Cost.....	375
(d) Contract.....	
(e) In-house.....	375

(4) Construction Contract Award..... AUG 2007

(5) Construction Start..... OCT 2007

(6) Construction Completion..... JUN 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Jalabad to Shali Kot	5. PROJECT NUMBER  67220
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NONE			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan			4. PROJECT TITLE Road South of Jalalabad		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67225	8. PROJECT COST (\$000) Auth 6,800 Approp 6,800	
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					5,820
Demo Existing Road		m2 (SF)	97,335 ( 1047705)	8.40	(818)
Excavate New Road Way		m3 (CY)	38,834 ( 50,793)	6.79	(264)
Sub-Base		m3 (CY)	43,040 ( 56,294)	23.00	(990)
Base Course		m3 (CY)	16,686 ( 21,824)	45.99	(768)
Paving		m2 (SF)	94,554 ( 1017770)	29.50	(2,789)
Total from Continuation page					(191)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					5,820
CONTINGENCY PERCENT (5.00%)					291
SUBTOTAL					6,111
SUPV, INSP & OVERHEAD (7.70%)					471
DESIGN/BUILD - DESIGN COST					244
TOTAL REQUEST					6,826
TOTAL REQUEST (ROUNDED)					6,800
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct a portion (10km) of a road south of Jalalabad. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.					
11. REQ: 10 km ADQT: NONE SUBSTD: 10 km					
PROJECT: Construct a portion (10km) of road south of Jalalabad. (Current Mission)					
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.					
CURRENT SITUATION: The road south of Jalalabad is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.					
IMPACT IF NOT PROVIDED: If not provided, US and Coalition forces will continue to be subjected to a high-risk travel route with no options for an alternate path south of Jalalabad.					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road South of Jalalabad	5. PROJECT NUMBER  67225
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	105 ( 344.49)	1,450	(152)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	200 ( 2,153)	193.00	(39)
			Total	191

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	<u>OCT 2006</u>
(b) Percent Complete As Of January 2006.....	<u>.00</u>
(c) Date 35% Designed.....	<u>OCT 2007</u>
(d) Date Design Complete.....	<u>DEC 2007</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>NO</u>
(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.....	<u>173</u>
(b) All Other Design Costs.....	<u>          </u>
(c) Total Design Cost.....	<u>173</u>
(d) Contract.....	<u>          </u>
(e) In-house.....	<u>173</u>
(4) Construction Contract Award.....	<u>AUG 2007</u>
(5) Construction Start.....	<u>OCT 2007</u>
(6) Construction Completion.....	<u>JUN 2008</u>

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road South of Jalalabad	5. PROJECT NUMBER  67225
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NONE			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan				4. PROJECT TITLE Road Through Sharana		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67223		8. PROJECT COST (\$000) Auth 7,300 Approp 7,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,233
Demo Existing Road		m2 (SF)	101,950 ( 1097381)		8.40	(856)
Excavate New Road Way		m3 (CY)	45,800 ( 59,904)		6.80	(311)
Sub-Base		m3 (CY)	45,140 ( 59,041)		23.00	(1,038)
Base Course		m3 (CY)	17,820 ( 23,308)		46.00	(820)
Paving		m2 (SF)	100,980 ( 1086940)		29.50	(2,979)
Total from Continuation page						(229)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						6,233
CONTINGENCY PERCENT (5.00%)						312
SUBTOTAL						6,545
SUPV, INSP & OVERHEAD (7.70%)						504
DESIGN/BUILD - DESIGN COST						262
TOTAL REQUEST						7,311
TOTAL REQUEST (ROUNDED)						7,300
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a portion (11km) of existing road through Sharana. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.						
11. REQ: 11 km ADQT: NONE SUBSTD: 11 km						
PROJECT: Construct a portion (11km) of road through Sharana. (Current Mission)						
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.						
CURRENT SITUATION: The road through Sharana is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.						
IMPACT IF NOT PROVIDED: If not provided, US and Coalition forces will continue to be subjected to a high-risk travel route with no options for an alternate path through Sharana.						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Through Sharana	5. PROJECT NUMBER  67223
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	126 ( 413.39)	1,450	(183)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	240 ( 2,583)	193.00	(46)
			Total	229

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... OCT 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... DEC 2007
  - (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..... 183
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 183
  - (d) Contract.....
  - (e) In-house..... 183
  
- (4) Construction Contract Award..... AUG 2007
  
- (5) Construction Start..... OCT 2007
  
- (6) Construction Completion..... JUN 2008

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan

4. PROJECT TITLE Road Through Sharana	5. PROJECT NUMBER 67223
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
	NONE		

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan				4. PROJECT TITLE Road West of Orgun-E		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67228		8. PROJECT COST (\$000) Auth 7,300 Approp 7,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						6,195
Demo Existing Road		m2 (SF)	102,840 ( 1106961)		8.40	(864)
Excavate New Road Way		m3 (CY)	43,500 ( 56,896)		6.80	(296)
Sub-Base		m3 (CY)	43,100 ( 56,373)		23.00	(991)
Base Course		m3 (CY)	18,144 ( 23,731)		46.00	(835)
Paving		m2 (SF)	101,000 ( 1087155)		29.50	(2,980)
Total from Continuation page						(229)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						6,195
CONTINGENCY PERCENT (5.00%)						310
SUBTOTAL						6,505
SUPV, INSP & OVERHEAD (7.70%)						501
DESIGN/BUILD - DESIGN COST						260
TOTAL REQUEST						7,266
TOTAL REQUEST (ROUNDED)						7,300
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a portion (11km) of existing road west of Orgun-E. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.						
11. REQ: 11 km ADQT: NONE SUBSTD: 11 km						
PROJECT: Construct a portion (11km) of road west of Orgun-E. (Current Mission)						
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.						
CURRENT SITUATION: The road west of Orgun-E is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.						
IMPACT IF NOT PROVIDED: If not provided, US and Coalition forces will continue to be subjected to a high-risk travel route with no options for an alternate path west of Orgun-E.						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road West of Orgun-E	5. PROJECT NUMBER  67228
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	126 ( 413.39)	1,450	(183)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	240 ( 2,583)	193.00	(46)
			Total	229

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... OCT 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... DEC 2007
  - (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..... 185
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 185
  - (d) Contract.....
  - (e) In-house..... 185
  
- (4) Construction Contract Award..... AUG 2007
  
- (5) Construction Start..... OCT 2007
  
- (6) Construction Completion..... JUN 2008

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan

4. PROJECT TITLE Road West of Orgun-E	5. PROJECT NUMBER 67228
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
	NONE		

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan				4. PROJECT TITLE Road South of Sharana		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67226		8. PROJECT COST (\$000) Auth 33,000 Approp 33,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						28,335
Demo Existing Road		m2 (SF)	553,600 ( 5958901)		8.40	(4,650)
Excavate New Road Way		m3 (CY)	69,129 ( 90,417)		6.79	(470)
Sub-Base		m3 (CY)	161,500 ( 211,234)		23.00	(3,715)
Base Course		m3 (CY)	95,760 ( 125,249)		46.00	(4,405)
Paving		m2 (SF)	480,640 ( 5173566)		29.50	(14,179)
Total from Continuation page						(916)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						28,335
CONTINGENCY PERCENT (5.00%)						1,417
SUBTOTAL						29,752
SUPV, INSP & OVERHEAD (7.70%)						2,291
DESIGN/BUILD - DESIGN COST						1,190
TOTAL REQUEST						33,233
TOTAL REQUEST (ROUNDED)						33,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a 48 km road south of Sharana. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.						
11. REQ: 48 km ADQT: NONE SUBSTD: 48 km						
PROJECT: Construct a 48 km portion of road south of Sharana. (Current Mission)						
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.						
CURRENT SITUATION: The road south of Sharana is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.						
IMPACT IF NOT PROVIDED: If not provided, US and Coalition forces will continue to be subjected to a high-risk travel route with no options for an alternate path south of Sharana.						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road South of Sharana	5. PROJECT NUMBER  67226
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	504 ( 1,654)	1,450	(731)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	960 ( 10,333)	193.00	(185)
			Total	916

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... NOV 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... JAN 2008
  - (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..... 803
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 803
  - (d) Contract.....
  - (e) In-house..... 803
  
- (4) Construction Contract Award..... AUG 2007
  
- (5) Construction Start..... OCT 2007
  
- (6) Construction Completion..... NOV 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road South of Sharana	5. PROJECT NUMBER  67226
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan			4. PROJECT TITLE Road Khowst to BSP9		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67222	8. PROJECT COST (\$000) Auth 7,900 Approp 7,900	
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					6,697
Demo Existing Road		m2 (SF)	110,850 ( 1193179)	8.40	(931)
Excavate New Road Way		m3 (CY)	46,500 ( 60,820)	6.80	(316)
Sub-Base		m3 (CY)	44,600 ( 58,335)	23.00	(1,026)
Base Course		m3 (CY)	20,630 ( 26,983)	46.00	(949)
Paving		m2 (SF)	109,570 ( 1179402)	29.50	(3,232)
Total from Continuation page					(243)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					6,697
CONTINGENCY PERCENT (5.00%)					335
SUBTOTAL					7,032
SUPV, INSP & OVERHEAD (7.70%)					541
DESIGN/BUILD - DESIGN COST					281
TOTAL REQUEST					7,854
TOTAL REQUEST (ROUNDED)					7,900
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct a portion (12km) of road from Khowst to BSP9. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.					
11. REQ: 12 km ADQT: NONE SUBSTD: 12 km					
PROJECT: Construct a portion (12km) of road from Khowst to BSP9. (Current Mission)					
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.					
CURRENT SITUATION: The road from Khowst to BSP9 is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.					
IMPACT IF NOT PROVIDED: If not provided, US and Coalition forces will continue to be subjected to a high-risk travel route with no options for an alternate path from Khowst to BSP9.					

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan

4. PROJECT TITLE Road Khowst to BSP9	5. PROJECT NUMBER 67222
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	136 ( 446.19)	1,450	(197)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	240 ( 2,583)	193.00	(46)
			Total	243

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... NOV 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... DEC 2007
  - (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..... 193
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 193
  - (d) Contract.....
  - (e) In-house..... 193
- (4) Construction Contract Award..... AUG 2007
- (5) Construction Start..... OCT 2007
- (6) Construction Completion..... JUN 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Khowst to BSP9	5. PROJECT NUMBER  67222
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NONE			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan				4. PROJECT TITLE Road FB Chamkani to PAK Border		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67198		8. PROJECT COST (\$000) Auth 13,000 Approp 13,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
Demo Existing Road		m2 (SF)	194,670 ( 2095410)		8.40	11,094 (1,635)
Excavate New Road Way		m3 (CY)	80,363 ( 105,111)		6.79	(546)
Sub-Base		m3 (CY)	61,480 ( 80,413)		23.00	(1,414)
Base Course		m3 (CY)	30,780 ( 40,259)		46.00	(1,416)
Paving		m2 (SF)	189,110 ( 2035563)		29.50	(5,579)
Total from Continuation page						(504)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST 11,094						
CONTINGENCY PERCENT (5.00%) 555						
SUBTOTAL 11,649						
SUPV, INSP & OVERHEAD (7.70%) 897						
DESIGN/BUILD - DESIGN COST 466						
TOTAL REQUEST 13,012						
TOTAL REQUEST (ROUNDED) 13,000						
INSTALLED EQT-OTHER APPROP (0)						
10. Description of Proposed Construction Construct a portion (20km) of road from FB Chamkani to the Pakistan Border. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.						
11. REQ: 20 km ADQT: NONE SUBSTD: 20 km						
PROJECT: Construct a portion (20km) of road from FB Chamkani to the Pakistan Border. (Current Mission)						
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.						
CURRENT SITUATION: The road from FB Chamkani to the Pakistan Border is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road FB Chamkani to PAK Border	5. PROJECT NUMBER  67198
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	300 ( 984.25)	1,450	(435)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	360 ( 3,875)	193.00	(69)
			Total	504

IMPACT IF NOT PROVIDED: If not provided, US and Coalition forces will continue to be subjected to a high-risk travel route with no options for an alternate path from FB Chamkani to the Pakistan Border.

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... NOV 2006
    - (b) Percent Complete As Of January 2006..... .00
    - (c) Date 35% Designed..... OCT 2007
    - (d) Date Design Complete..... DEC 2007
    - (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..... 315
    - (b) All Other Design Costs.....
    - (c) Total Design Cost..... 315
    - (d) Contract.....
    - (e) In-house..... 315
  - (4) Construction Contract Award..... AUG 2007
  - (5) Construction Start..... OCT 2007
  - (6) Construction Completion..... JUL 2008

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan

4. PROJECT TITLE Road FB Chamkani to PAK Border	5. PROJECT NUMBER 67198
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12. SUPPLEMENTAL DATA: (Continued)  
A. Estimated Design Data: (Continued)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NONE		

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT <b>ARMY</b>		FY 2007      MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan			4. PROJECT TITLE Road West of Khwost		
5. PROGRAM ELEMENT	6. CATEGORY CODE 851	7. PROJECT NUMBER 67227	8. PROJECT COST (\$000) Auth                    9,700 Approp                 9,700		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					8,254
Demo Existing Road		m2 (SF)	134,190 ( 1444409)	8.40	(1,127)
Excavate New Road Way		m3 (CY)	60,450 ( 79,066)	6.80	(411)
Sub-Base		m3 (CY)	59,160 ( 77,378)	23.00	(1,361)
Base Course		m3 (CY)	27,004 ( 35,320)	46.00	(1,242)
Paving		m2 (SF)	130,356 ( 1403140)	29.50	(3,846)
Total from Continuation page					(267)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					8,254
CONTINGENCY PERCENT (5.00%)					413
SUBTOTAL					8,667
SUPV, INSP & OVERHEAD (7.70%)					667
DESIGN/BUILD - DESIGN COST					347
TOTAL REQUEST					9,681
TOTAL REQUEST (ROUNDED)					9,700
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction      Construct a portion (14km) of a road west of Khowst. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.					
11. REQ:                    14 km    ADQT:                    NONE            SUBSTD:                    14 km					
PROJECT: Construct a portion(14km) of a road west of Khowst. (Current Mission)					
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.					
CURRENT SITUATION: The road west of Khowst is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.					
IMPACT IF NOT PROVIDED: If not provided, US and Coalition forces will continue to be subjected to a high-risk travel route with no options for an alternate path west of Khowst.					

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan

4. PROJECT TITLE Road West of Khwost	5. PROJECT NUMBER 67227
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	147 ( 482.28)	1,450	(213)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	280 ( 3,014)	193.00	(54)
			Total	267

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... NOV 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... DEC 2007
  - (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..... 235
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 235
  - (d) Contract.....
  - (e) In-house..... 235
- (4) Construction Contract Award..... AUG 2007
- (5) Construction Start..... OCT 2007
- (6) Construction Completion..... JUN 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road West of Khwost	5. PROJECT NUMBER  67227
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NONE			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan				4. PROJECT TITLE Road North of Waza Kwah		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67219		8. PROJECT COST (\$000) Auth 36,000 Approp 36,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						30,495
Demo Existing Road		m2 (SF)	599,100 ( 6448658)		8.40	(5,032)
Excavate New Road Way		m3 (CY)	74,100 ( 96,919)		6.80	(504)
Sub-Base		m3 (CY)	174,780 ( 228,604)		23.00	(4,020)
Base Course		m3 (CY)	103,640 ( 135,556)		46.00	(4,767)
Paving		m2 (SF)	516,320 ( 5557622)		29.50	(15,232)
Total from Continuation page						(940)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						30,495
CONTINGENCY PERCENT (5.00%)						1,525
SUBTOTAL						32,020
SUPV, INSP & OVERHEAD (7.70%)						2,466
DESIGN/BUILD - DESIGN COST						1,281
TOTAL REQUEST						35,767
TOTAL REQUEST (ROUNDED)						36,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a portion (49km) of a road north of Waza Kwah. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.						
11. REQ: 49 km ADQT: NONE SUBSTD: 49 km						
PROJECT: Construct a portion (49km) of a road north of Waza Kwah. (Current Mission)						
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.						
CURRENT SITUATION: The road north of Waza Kwah is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. This requires traffic to drive more slowly, exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.						
IMPACT IF NOT PROVIDED: US and Coalition forces will continue to be subjected to a high-risk travel route with no options for an alternate path that extends north from Waza Kwah.						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road North of Waza Kwah	5. PROJECT NUMBER  67219
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	515 ( 1,690)	1,450	(747)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	1,000 ( 10,764)	193.00	(193)
			Total	940

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... NOV 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... JAN 2008
  - (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..... 878
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 878
  - (d) Contract.....
  - (e) In-house..... 878
  
- (4) Construction Contract Award..... AUG 2007
  
- (5) Construction Start..... OCT 2007
  
- (6) Construction Completion..... OCT 2008

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan

4. PROJECT TITLE Road North of Waza Kwah	5. PROJECT NUMBER 67219
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
	NONE		

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan			4. PROJECT TITLE Road Qalat to Mazan		
5. PROGRAM ELEMENT	6. CATEGORY CODE 851	7. PROJECT NUMBER 67345	8. PROJECT COST (\$000) Auth 30,000 Approp 30,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					25,858
Demo Existing Road		m2 (SF)	509,240 ( 5481414)	8.40	(4,278)
Excavate New Road Way		m3 (CY)	66,690 ( 87,227)	6.80	(453)
Sub-Base		m3 (CY)	148,560 ( 194,309)	23.00	(3,417)
Base Course		m3 (CY)	85,280 ( 111,542)	46.00	(3,923)
Paving		m2 (SF)	438,870 ( 4723957)	29.50	(12,947)
Total from Continuation page					(840)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					25,858
CONTINGENCY PERCENT (5.00%)					1,293
SUBTOTAL					27,151
SUPV, INSP & OVERHEAD (7.70%)					2,091
DESIGN/BUILD - DESIGN COST					1,086
TOTAL REQUEST					30,328
TOTAL REQUEST (ROUNDED)					30,000
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct a portion of a road (44km) from Qalat to Mazan. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.					
11. REQ: 44 km ADQT: NONE SUBSTD: 44 km					
PROJECT: Construct a portion of a road (44km) from Qalat to Mazan. (Current Mission)					
REQUIREMENT: Construct a 44km portion of road from Qalat to Mazan. Paving this section of road will enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.					
CURRENT SITUATION: The road from Qalat to Mazan is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. Poor roadway conditions require traffic to drive more slowly, thereby exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.					
IMPACT IF NOT PROVIDED: US and Coalition forces will continue to be subjected to a high risk travel route with no options for an alternate path between Qalat to Mazan. During adverse weather conditions re-supplying of					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Qalat to Mazan	5. PROJECT NUMBER  67345
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	462 ( 1,516)	1,450	(670)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	880 ( 9,472)	193.00	(170)
Total				840

IMPACT IF NOT PROVIDED: (CONTINUED)  
forward positioned troops is inhibited since roads are not passable due to poor conditions.

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	NOV 2006
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	OCT 2007
(d) Date Design Complete.....	DEC 2007
(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.....	727
(b) All Other Design Costs.....	
(c) Total Design Cost.....	727
(d) Contract.....	
(e) In-house.....	727
(4) Construction Contract Award.....	AUG 2007
(5) Construction Start.....	OCT 2007
(6) Construction Completion.....	OCT 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Qalat to Mazan	5. PROJECT NUMBER  67345
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
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NONE

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan				4. PROJECT TITLE Road Qalat of Shinkay		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67346		8. PROJECT COST (\$000) Auth 57,000 Approp 57,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						48,691
Demo Existing Road		m2 (SF)	919,180 ( 9893971)		8.40	(7,721)
Excavate New Road Way		m3 (CY)	120,957 ( 158,206)		6.80	(823)
Sub-Base		m3 (CY)	282,260 ( 369,182)		23.00	(6,492)
Base Course		m3 (CY)	162,030 ( 211,927)		46.00	(7,453)
Paving		m2 (SF)	833,850 ( 8975486)		29.50	(24,599)
Total from Continuation page						(1,603)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						48,691
CONTINGENCY PERCENT (5.00%)						2,435
SUBTOTAL						51,126
SUPV, INSP & OVERHEAD (7.70%)						3,937
DESIGN/BUILD - DESIGN COST						2,045
TOTAL REQUEST						57,108
TOTAL REQUEST (ROUNDED)						57,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a portion of a road (84km) from Qalat to Shinkay. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.						
11. REQ: 84 km ADQT: NONE SUBSTD: 84 km						
PROJECT: Construct a portion of a road (84km) from Qalat to Shinkay. (Current Mission)						
REQUIREMENT: Construct a portion of a road (84km) from Qalat to Shinkay. Paving this section of road will enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.						
CURRENT SITUATION: The road from Qalat to Shinkay is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. Poor roadway conditions require traffic to drive more slowly, thereby exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.						
IMPACT IF NOT PROVIDED: US and Coalition forces will continue to be subjected to a high risk travel route with no options for an alternate path between Qalat to Shinkay. During adverse weather conditions re-supplying of						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Qalat of Shinkay	5. PROJECT NUMBER  67346
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	882 ( 2,894)	1,450	(1,279)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	1,680 ( 18,083)	193.00	(324)
			Total	1,603

IMPACT IF NOT PROVIDED: (CONTINUED)

forward positioned troops is inhibited since roads are not passable due to poor conditions.

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... JAN 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... JAN 2008
  - (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..... 1,380
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 1,380
  - (d) Contract.....
  - (e) In-house..... 1,380
  
- (4) Construction Contract Award..... AUG 2007
  
- (5) Construction Start..... OCT 2007
  
- (6) Construction Completion..... DEC 2008

1.COMONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2.DATE  02 FEB 2007
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3.INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4.PROJECT TITLE  Road Qalat of Shinkay	5.PROJECT NUMBER  67346
--	-------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan				4. PROJECT TITLE Road Tarin Kowt to Oshay		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67342		8. PROJECT COST (\$000) Auth 34,000 Approp 34,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						29,371
Demo Existing Road		m2 (SF)	548,100 ( 5899699)		8.40	(4,604)
Excavate New Road Way		m3 (CY)	83,530 ( 109,253)		6.80	(568)
Sub-Base		m3 (CY)	145,284 ( 190,024)		23.00	(3,342)
Base Course		m3 (CY)	93,960 ( 122,895)		46.00	(4,322)
Paving		m2 (SF)	523,760 ( 5637706)		29.50	(15,451)
Total from Continuation page						(1,084)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						29,371
CONTINGENCY PERCENT (5.00%)						1,469
SUBTOTAL						30,840
SUPV, INSP & OVERHEAD (7.70%)						2,375
DESIGN/BUILD - DESIGN COST						1,234
TOTAL REQUEST						34,449
TOTAL REQUEST (ROUNDED)						34,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a portion of a road (58 km) from Tarin Kowt to Oshay. Project shall provide paved surface capable of high speed travel (90km/hr). Roadway will have graded shoulders on each side.						
11. REQ: 58 km ADQT: NONE SUBSTD: 58 km						
PROJECT: Construct a portion of a road (58km) from Tarin Kowt to Oshay. Current Mission)						
REQUIREMENT: Construct 58km portion of road from Tarin Kowt to Oshay. Paving this section of road will enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time that US and Coalition forces are on the road.						
CURRENT SITUATION: The road from Tarin Kowt to Oshay is a road highly traveled by US and Coalition forces that is unpaved and in poor condition. Poor roadway conditions require traffic to drive more slowly, thereby exposing US and Coalition forces to small arms fire from static positions and increasing the amount of time US and Coalition forces spend on the road.						
IMPACT IF NOT PROVIDED: US and Coalition forces will continue to be subjected to a high risk travel route with no options for an alternate path between Tarin Kowt to Oshay. During adverse weather conditions re-supplying of						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Tarin Kowt to Oshay	5. PROJECT NUMBER  67342
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	609 ( 1,998)	1,450	(883)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	1,040 ( 11,194)	193.00	(201)
			Total	1,084

IMPACT IF NOT PROVIDED: (CONTINUED)

forward positioned troops is inhibited since roads are not passable due to poor conditions.

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... NOV 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... JAN 2008
  - (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..... 825
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 825
  - (d) Contract.....
  - (e) In-house..... 825
  
- (4) Construction Contract Award..... AUG 2007
  
- (5) Construction Start..... OCT 2007
  
- (6) Construction Completion..... OCT 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road Tarin Kowt to Oshay	5. PROJECT NUMBER  67342
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY	FY 2007	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan	4. PROJECT TITLE Dry Stream Bed Crossing 1 - BAF to Kabul
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5. PROGRAM ELEMENT	6. CATEGORY CODE 721	7. PROJECT NUMBER 67199	8. PROJECT COST (\$000) Auth 8,300 Approp 8,300
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				7,075
Dry Sream Bed Crossing	LS	--	--	(1,073)
Demo Existing Road	m2 (SF)	112,455 ( 1210456)	8.40	(945)
Excavate New Road Way	m3 (CY)	17,138 ( 22,416)	6.79	(117)
Sub-Base	m3 (CY)	26,115 ( 34,157)	23.00	(601)
Base Course	m3 (CY)	20,278 ( 26,523)	46.00	(933)
Total from Continuation page				(3,406)

<u>SUPPORTING FACILITIES</u>				

ESTIMATED CONTRACT COST	7,075
CONTINGENCY PERCENT (5.00%)	354
SUBTOTAL	7,429
SUPV, INSP & OVERHEAD (7.70%)	572
DESIGN/BUILD - DESIGN COST	297
TOTAL REQUEST	8,298
TOTAL REQUEST (ROUNDED)	8,300
INSTALLED EQT-OTHER APPROP	(0)

10. Description of Proposed Construction Construct a bridge on the Bagram to Kabul road. Project shall provide all aspects for design and build of a military grade class-60 bridge to relieve traffic on existing bridge. Project shall include survey, design, material, and labor for a complete and functional bridge. Project will include all asphalt surface, ditching, striping, guardrails, and bank protection as required. Project will tie into existing road surface.

11. REQ: 3 km ADQT: NONE SUBSTD: 2 km  
PROJECT: Construct a bridge on the Bagram to Kabul road. (Current Mission)  
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time of US and Coalition foces on the road.  
CURRENT SITUATION: The Kabul to Bagram road is the most traveled road in Afghanistan for US and Coalition forces. The Bagram to Kabul bridges are in very poor condition. They are potholed, poorly drained, fractured, and generally in an extreme state of disrepair. The abundant potholes are very hazardous to US and Coalition forces due to the poor bridge conditions which require traffic to drive more slowly, thereby exposing them to small arms fire

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Dry Stream Bed Crossing 1 - BAF to Kabul	5. PROJECT NUMBER  67199
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Paving	m2 (SF)	109,242 ( 1175871)	29.50	(3,223)
Culverts	m (LF)	126 ( 413.39)	1,450	(183)
			Total	3,406

CURRENT SITUATION: (CONTINUED)  
and increasing the amount of time US and Coalition forces spend on the road.  
IMPACT IF NOT PROVIDED: US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram.  
ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	NOV 2006
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	OCT 2007
(d) Date Design Complete.....	DEC 2007
(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.....	210
(b) All Other Design Costs.....	
(c) Total Design Cost.....	210
(d) Contract.....	
(e) In-house.....	210
(4) Construction Contract Award.....	AUG 2007
(5) Construction Start.....	OCT 2007
(6) Construction Completion.....	JUN 2008



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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan			4. PROJECT TITLE Dry Stream Bed Crossing 2 - BAF to Kabul			
5. PROGRAM ELEMENT		6. CATEGORY CODE 721	7. PROJECT NUMBER 67217		8. PROJECT COST (\$000) Auth 8,300 Approp 8,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY						7,075
Dry Stream Bed Crossing		LS	--		--	(1,073)
Demo Existing Road		m2 (SF)	112,455 ( 1210456)		8.40	(945)
Excavate New Road Way		m3 (CY)	17,138 ( 22,416)		6.79	(117)
Sub-Base		m3 (CY)	26,115 ( 34,157)		23.00	(601)
Base Course		m3 (CY)	20,278 ( 26,523)		46.00	(933)
Total from Continuation page						(3,406)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						7,075
CONTINGENCY PERCENT (5.00%)						354
SUBTOTAL						7,429
SUPV, INSP & OVERHEAD (7.70%)						572
DESIGN/BUILD - DESIGN COST						297
TOTAL REQUEST						8,298
TOTAL REQUEST (ROUNDED)						8,300
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a bridge on the Bagram to Kabul road. Project shall provide all aspects for design and build of a military grade class-60 bridge to relieve traffic on existing bridge. Project shall include survey, design, material, and labor for a complete and functional bridge.						
11. REQ: 3 km ADQT: NONE SUBSTD: 2 km						
PROJECT: Construct a bridge on the Bagram to Kabul road. (Current Mission)						
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time of US and Coalition forces on the road.						
CURRENT SITUATION: The Kabul to Bagram road is the most traveled road in Afghanistan for US and Coalition forces and serve by only two roads. The inability of alternate routes makes US and Coalition forces traveling on these routes key targets for ambush and IED attack. The Bagram to Kabul bridges are in very poor condition. They are potholed, poorly drained, fractured, and generally in an extreme state of disrepair. The poor bridge conditions require traffic to drive more slowly, thereby exposing them to small arms fire and increasing the amount of time US and Coalition forces spend on the road.						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Dry Stream Bed Crossing 2 - BAF to Kabul	5. PROJECT NUMBER  67217
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Paving	m2 (SF)	109,242 ( 1175871)	29.50	(3,223)
Culverts	m (LF)	126 ( 413.39)	1,450	(183)
			Total	3,406

IMPACT IF NOT PROVIDED: US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram.  
ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... NOV 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... DEC 2007
  - (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..... 210
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 210
  - (d) Contract.....
  - (e) In-house..... 210
- (4) Construction Contract Award..... AUG 2007
- (5) Construction Start..... OCT 2007
- (6) Construction Completion..... JUN 2008

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan

4. PROJECT TITLE Dry Stream Bed Crossing 2 - BAF to Kabul	5. PROJECT NUMBER 67217
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
	NONE		

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Dry Stream Bed Crossing 3 - BAF to Kabul	5. PROJECT NUMBER  67218
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Paving	m2 (SF)	449,820 ( 4841822)	29.50	(13,270)
Culverts	m (LF)	515 ( 1,690)	1,450	(747)
			Total	14,017

CURRENT SITUATION: (CONTINUED)  
increasing the amount of time US and Coalition forces spend on the road.  
IMPACT IF NOT PROVIDED: US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram.  
ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... NOV 2006
    - (b) Percent Complete As Of January 2006..... .00
    - (c) Date 35% Designed..... OCT 2007
    - (d) Date Design Complete..... DEC 2007
    - (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..... 850
    - (b) All Other Design Costs.....
    - (c) Total Design Cost..... 850
    - (d) Contract.....
    - (e) In-house..... 850
  - (4) Construction Contract Award..... AUG 2007
  - (5) Construction Start..... OCT 2007
  - (6) Construction Completion..... AUG 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Dry Stream Bed Crossing 3 - BAF to Kabul	5. PROJECT NUMBER  67218
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
-----------------------------------	------------------------------------	--	-------------------------

NONE

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan			4. PROJECT TITLE Road From Crossing 1 to Crossing 2		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67231	8. PROJECT COST (\$000) Auth 3,550 Approp 3,550	
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					3,017
Demo Existing Road		m2 (SF)	50,590 ( 544,546)	8.40	(425)
Excavate New Road Way		m3 (CY)	19,400 ( 25,374)	6.80	(132)
Sub-Base		m3 (CY)	21,520 ( 28,147)	23.00	(495)
Base Course		m3 (CY)	8,640 ( 11,301)	46.00	(397)
Paving		m2 (SF)	50,030 ( 538,518)	29.50	(1,476)
Total from Continuation page					(92)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					3,017
CONTINGENCY PERCENT (5.00%)					151
SUBTOTAL					3,168
SUPV, INSP & OVERHEAD (7.70%)					244
DESIGN/BUILD - DESIGN COST					127
TOTAL REQUEST					3,539
TOTAL REQUEST (ROUNDED)					3,550
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct a 5 km road to a specific section of the Kabul to Bagram road. Project shall provide paved surface capable of high speed travel (90 km/hr). Roadway will have graded shoulders on each side.					
11. REQ: 5 km ADQT: NONE SUBSTD: 5 km					
PROJECT: Construct a 5 km road to a specific section of the Kabul to Bagram road. (Current Mission)					
REQUIREMENT: This project is required to deter IED attacks. Repairs and maintenance to this road will greatly enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time of US and Coalition forces on the road.					
CURRENT SITUATION: The Kabul to Bagram road is the most traveled road in Afghanistan for US and Coalition forces. Bagram to Kabul is served by only two roads. The inability of alternate routes makes US and Coalition forces traveling on these routes key targets for ambush and IED attack. The abundant potholes are very hazardous to US and Coalition forces. The poor bridge conditions require traffic to drive more slowly, thereby exposing them to small arms fire and increasing the amount of time US and Coalition forces					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road From Crossing 1 to Crossing 2	5. PROJECT NUMBER  67231
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	53 ( 173.88)	1,450	(77)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	80 ( 861.11)	193.00	(15)
			Total	92

CURRENT SITUATION: (CONTINUED)  
spend on the road.  
IMPACT IF NOT PROVIDED: If not provided, the US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram.  
ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	NOV 2006
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	OCT 2007
(d) Date Design Complete.....	DEC 2007
(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.....	89
(b) All Other Design Costs.....	
(c) Total Design Cost.....	89
(d) Contract.....	
(e) In-house.....	89
(4) Construction Contract Award.....	AUG 2007
(5) Construction Start.....	OCT 2007
(6) Construction Completion.....	MAY 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  Afghanistan Various, Afghanistan
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4. PROJECT TITLE  Road From Crossing 1 to Crossing 2	5. PROJECT NUMBER  67231
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NONE

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan			4. PROJECT TITLE Road From Crossing 2 to Crossing 3		
5. PROGRAM ELEMENT	6. CATEGORY CODE 851	7. PROJECT NUMBER 67229	8. PROJECT COST (\$000) Auth 790 Approp 790		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					672
Demo Existing Road		m2 (SF)	12,300 ( 132,396)	8.40	(103)
Excavate New Road Way		m3 (CY)	1,990 ( 2,603)	6.80	(14)
Sub-Base		m3 (CY)	3,175 ( 4,153)	23.00	(73)
Base Course		m3 (CY)	2,230 ( 2,917)	46.00	(103)
Paving		m2 (SF)	11,900 ( 128,091)	29.50	(351)
Total from Continuation page					(28)
<u>SUPPORTING FACILITIES</u>					
ESTIMATED CONTRACT COST					672
CONTINGENCY PERCENT (5.00%)					34
SUBTOTAL					706
SUPV, INSP & OVERHEAD (7.70%)					54
DESIGN/BUILD - DESIGN COST					28
TOTAL REQUEST					788
TOTAL REQUEST (ROUNDED)					790
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct a 1.5 km road to a specific section of the Kabul to Bagram road. Project shall provide paved surface capable of high speed travel (90 km/hr). Roadway will have graded shoulders on each side.					
11. REQ: 1,500 m ADQT: NONE SUBSTD: 1,500 m					
PROJECT: Construct a 1.5 km road to a specific section of the Kabul to Bagram road. (Current Mission)					
REQUIREMENT: This project is required to enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time of US and Coalition forces on the road.					
CURRENT SITUATION: The Kabul to Bagram road is the most traveled road in Afghanistan for US and Coalition forces. Bagram to Kabul is served by only two roads. The inability of alternate routes makes US and Coalition forces traveling on these routes key targets for ambush and IED attack. The abundant potholes are very hazardous to US and Coalition forces. The poor bridge conditions require traffic to drive more slowly, thereby exposing them to small arms fire and increasing the amount of time US and Coalition forces spend on the road.					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road From Crossing 2 to Crossing 3	5. PROJECT NUMBER  67229
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culvert	m (LF)	16 ( 52.49)	1,450	(23)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	25 ( 269.10)	193.00	(5)
			Total	28

IMPACT IF NOT PROVIDED: If not provided, US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram.  
ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... NOV 2006
    - (b) Percent Complete As Of January 2006..... .00
    - (c) Date 35% Designed..... OCT 2007
    - (d) Date Design Complete..... DEC 2007
    - (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..... 20
    - (b) All Other Design Costs.....
    - (c) Total Design Cost..... 20
    - (d) Contract.....
    - (e) In-house..... 20
  - (4) Construction Contract Award..... AUG 2007
  - (5) Construction Start..... OCT 2007
  - (6) Construction Completion..... MAY 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road From Crossing 2 to Crossing 3	5. PROJECT NUMBER  67229
--	--------------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NONE			

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Afghanistan Various Afghanistan				4. PROJECT TITLE Road From Crossing 3 to 5KM		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67230		8. PROJECT COST (\$000) Auth 3,550 Approp 3,550	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						3,017
Demo Existing Road		m2 (SF)	50,590 ( 544,546)		8.40	(425)
Excavate New Road Way		m3 (CY)	19,400 ( 25,374)		6.80	(132)
Sub-Base		m3 (CY)	21,520 ( 28,147)		23.00	(495)
Base Course		m3 (CY)	8,640 ( 11,301)		46.00	(397)
Paving		m2 (SF)	50,030 ( 538,518)		29.50	(1,476)
Total from Continuation page						(92)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						3,017
CONTINGENCY PERCENT (5.00%)						151
SUBTOTAL						3,168
SUPV, INSP & OVERHEAD (7.70%)						244
DESIGN/BUILD - DESIGN COST						127
TOTAL REQUEST						3,539
TOTAL REQUEST (ROUNDED)						3,550
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a 5 km road to a specific section of the Kabul to Bagram road. Project shall provide paved surface capable of high speed travel (90 km/hr). Roadway will have graded shoulders on each side.						
11. REQ: 5 km ADQT: NONE SUBSTD: 5 km						
PROJECT: Construct a 5 km road to a specific section of the Kabul to Bagram road. (Current Mission)						
REQUIREMENT: This road project will greatly enhance force protection measures and safety to US and Coalition forces by mitigating opportunities for IED emplacement and reducing the exposure time of US and Coalition forces on the road.						
CURRENT SITUATION: The Kabul to Bagram road is the most traveled road in Afghanistan for US and Coalition forces. Bagram to Kabul is served by only two roads. The inability of alternate routes makes US and Coalition forces traveling on these routes key targets for ambush and IED attack. The poor bridge conditions require traffic to drive more slowly, thereby exposing them to small arms fire and increasing the amount of time US and Coalition forces spend on the road.						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Afghanistan Various, Afghanistan

4. PROJECT TITLE  Road From Crossing 3 to 5KM	5. PROJECT NUMBER  67230
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Culverts	m (LF)	53 ( 173.88)	1,450	(77)
Wadi (Dry Stream Bed) Crossing	m2 (SF)	80 ( 861.11)	193.00	(15)
			Total	92

IMPACT IF NOT PROVIDED: If not provided, US and Coalition forces will continue to be subjected to a high risk travel route between Kabul and Bagram.  
ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... NOV 2006
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... OCT 2007
  - (d) Date Design Complete..... DEC 2007
  - (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..... 89
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 89
  - (d) Contract.....
  - (e) In-house..... 89
- (4) Construction Contract Award..... AUG 2007
- (5) Construction Start..... OCT 2007
- (6) Construction Completion..... MAY 2008

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan

4. PROJECT TITLE Road From Crossing 3 to 5KM	5. PROJECT NUMBER 67230
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NONE		

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Al Asad Air Base Iraq			4. PROJECT TITLE Heavy Aircraft Apron		
5. PROGRAM ELEMENT	6. CATEGORY CODE 113	7. PROJECT NUMBER 67372	8. PROJECT COST (\$000) Auth 14,400 Approp 14,400		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					10,461
Medium Aircraft Apron		m2 (SF)	51,780 ( 557,355)	197.20	(10,211)
Apron Lighting		LS	--	--	(250)
<u>SUPPORTING FACILITIES</u>					2,257
Electric Service		LS	--	--	(1,633)
Water, Sewer, Gas		LS	--	--	(171)
Jet Blast Barrier		LS	--	--	(453)
ESTIMATED CONTRACT COST					12,718
CONTINGENCY PERCENT (5.00%)					636
SUBTOTAL					13,354
SUPV, INSP & OVERHEAD (7.70%)					1,028
TOTAL REQUEST					14,382
TOTAL REQUEST (ROUNDED)					14,400
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct concrete medium aircraft apron. The apron will be constructed with base drainage, shoulders, taxiway access, markers, striping and blast protection. It includes grounding points, apron edge lighting, apron flood lighting, a 10,000 gallon water storage tank for fire suppression, and demolition of existing asphalt as well as all other work required to provide a complete and useable medium aircraft parking apron.					
11. REQ: 51,780 m2 ADQT: NONE SUBSTD: 26,000 m2 PROJECT: Construct a medium aircraft parking apron. (Current Missison) REQUIREMENT: A medium aircraft apron is needed to safely facilitate rotation of military and civilian personnel between aircraft (C-5, C-17, 747) and the PAX terminal. CURRENT SITUATION: Al Asad is the largest airfield in Iraq. It has also been designated as one of two major airfields and significant increases are expected to occur in airfield mission, personnel and traffic. The base routinely has multiple medium aircraft off loading cargo and passengers at the same time. The parking aprons are not sized to park medium commercial and military aircraft which are forced to park on unlighted active taxiways. The existing airfield does not have the capacity to adequately support the current					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Al Asad Air Base, Iraq

4. PROJECT TITLE  Heavy Aircraft Apron	5. PROJECT NUMBER  67372
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CURRENT SITUATION: (CONTINUED)  
missions. Maximizing land usage through south airfield development is key to sustaining the current air ops tempo and successfully integrating new missions.  
IMPACT IF NOT PROVIDED: If Al Asad's airfield is not brought up to a standard that can properly support existing medium aircraft operations, there will be no way that new missions can effectively integrate into the airbase. The lack of apron space will continue to create serious safety hazards, mixing passengers, aircraft, and cargo equipment in dangerously close proximities.  
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:	
(1) Status:	
(a) Date Design Started.....	FEB 2007
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	APR 2007
(d) Date Design Complete.....	JUN 2007
(e) Parametric Cost Estimating Used to Develop Costs	NO
(f) Type of Design Contract: Design-bid-build	
(2) Basis:	
(a) Standard or Definitive Design: YES	
(b) Where Most Recently Used:	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)	
(a) Production of Plans and Specifications.....	
(b) All Other Design Costs.....	253
(c) Total Design Cost.....	253
(d) Contract.....	12
(e) In-house.....	241
(4) Construction Contract Award.....	SEP 2007
(5) Construction Start.....	OCT 2007



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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Al Asad Air Base Iraq				4. PROJECT TITLE Transient Aircraft Apron		
5. PROGRAM ELEMENT		6. CATEGORY CODE 113	7. PROJECT NUMBER 67373		8. PROJECT COST (\$000) Auth 4,150 Approp 4,150	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,068
Transient Aircraft Apron		m2 (SF)	13,749 ( 147,993)		137.48	(1,890)
Apron Lighting		LS	--		--	(178)
<u>SUPPORTING FACILITIES</u>						1,602
Electric Service		LS	--		--	(1,159)
Water, Sewer, Gas		LS	--		--	(121)
Jet Blast Barrier		LS	--		--	(322)
ESTIMATED CONTRACT COST						3,670
CONTINGENCY PERCENT (5.00%)						184
SUBTOTAL						3,854
SUPV, INSP & OVERHEAD (7.70%)						297
TOTAL REQUEST						4,151
TOTAL REQUEST (ROUNDED)						4,150
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct concrete apron for C-130 (10,000 passes) transient aircrafts. The apron will be constructed with base, drainage, shoulders, taxiway access, markers, striping and jet blast protection, existing site and asphalt demolition. It also includes grounding points, apron edge lighting, and a 10,000 gallon water storage tank for fire suppression. Construct apron flood lighting, support facilities and utilities, and all other work necessary to provide a complete and useable facility.						
11. REQ: 13,749 m2 ADQT: NONE SUBSTD: 8,000 m2 PROJECT: Construct Transient Aircraft Apron. (Current Mission) REQUIREMENT: A transient apron is needed to accommodate daily transient and weather diverted aircraft. Tactical Rescue of Aircraft and Personnel missions that run out of Al Asad will use the apron to stage emergency assets before take off. They must be near base ops which serves as command and control. CURRENT SITUATION: Al Asad is the largest airfield in Iraq. It has also been designated as one of two major airfields and significant increases are expected to occur in airfield mission, personnel, and traffic. The parking aprons are not sized to park transient aircraft which are forced to park on unlighted active taxiways. The existing airfield does not have the capacity to						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Al Asad Air Base, Iraq

4. PROJECT TITLE  Transient Aircraft Apron	5. PROJECT NUMBER  67373
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CURRENT SITUATION: (CONTINUED)

adequately support the current missions. As other bases close and missions relocate to Al Asad, the existing runways will not satisfy mission requirements. Maximizing land usage through south airfield development is key to sustaining the current air ops tempo and successfully integrating new missions.

IMPACT IF NOT PROVIDED: If Al Asad's airfield is not brought up to a standard that can properly support existing transient and diverted aircraft operations, there will be no way that new missions can effectively integrate into the airbase. The lack of apron space will continue to create serious safety hazards.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... FEB 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... APR 2007
  - (d) Date Design Complete..... JUN 2007
  - (e) Parametric Cost Estimating Used to Develop Costs NO
  - (f) Type of Design Contract: Design-bid-build

- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications.....
  - (b) All Other Design Costs..... 255
  - (c) Total Design Cost..... 255
  - (d) Contract..... 12
  - (e) In-house..... 243

- (4) Construction Contract Award..... SEP 2007

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION Al Asad Air Base, Iraq	
--	--

4. PROJECT TITLE Transient Aircraft Apron	5. PROJECT NUMBER 67373
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (5) Construction Start..... OCT 2007
- (6) Construction Completion..... AUG 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NONE		

Installation Engineer: LTC Capps  
Phone Number: DSN: 318-822-3846

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Al Asad Air Base Iraq			4. PROJECT TITLE Runway with Shelters		
5. PROGRAM ELEMENT		6. CATEGORY CODE 111	7. PROJECT NUMBER 67374	8. PROJECT COST (\$000) Auth 13,600 Approp 13,600	
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					11,149
Mission Expansion Runway		m2 (SF)	69,616 ( 749,340)	135.95	(9,464)
Aircraft Shelters		EA	3 --	352,469	(1,057)
Runway Lighting		LS	--	--	(509)
Aviation Gas Storage		LS	--	--	(50)
Building Information Systems		LS	--	--	(69)
<u>SUPPORTING FACILITIES</u>					954
Electric Service		LS	--	--	(151)
Paving, Walks, Curbs & Gutters		LS	--	--	(85)
Storm Drainage		LS	--	--	(80)
Site Imp( 220) Demo( )		LS	--	--	(220)
Information Systems		LS	--	--	(118)
Utility Support		LS	--	--	(300)
ESTIMATED CONTRACT COST					12,103
CONTINGENCY PERCENT (5.00%)					605
SUBTOTAL					12,708
SUPV, INSP & OVERHEAD (7.70%)					979
TOTAL REQUEST					13,687
TOTAL REQUEST (ROUNDED)					13,600
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a 1800m instrument flight rule runway with shelters for Unmanned Aerial Vehicle (UAV) storage and admin space. Construction includes a unreinforced concrete runway with base, drainage, shoulders, markers, striping, runway lighting, support facilities utilities and building information system.					
11. REQ: 69,616 m2 ADQT: NONE SUBSTD: 69,616 m2					
PROJECT: Construct an Airfield Runway with three Shelters. (Current Mission)					
REQUIREMENT: This project is required to provide a runway and supporting infrastructure necessary to support new air missions moving to Al Asad.					
CURRENT SITUATION: Al Asad is the largest airfield in Iraq. It has also been designated as one of two major airfields. The existing airfield does not have the capacity to adequately support the current missions. Maximizing land usage through south airfield development is key to sustaining the current air ops tempo and successfully integrating new missions.					
IMPACT IF NOT PROVIDED: If Al Asad's airfield is not brought up to a standard that can properly support existing diverted aircraft operations, there will be no way for new missions to be effectively integrated into the airbase.					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Al Asad Air Base, Iraq

4. PROJECT TITLE  Runway with Shelters	5. PROJECT NUMBER  67374
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ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... FEB 2007
- (b) Percent Complete As Of January 2006..... .00
- (c) Date 35% Designed..... APR 2007
- (d) Date Design Complete..... JUN 2007
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:

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

- (a) Production of Plans and Specifications.....
- (b) All Other Design Costs..... 419
- (c) Total Design Cost..... 419
- (d) Contract..... 12
- (e) In-house..... 407

(4) Construction Contract Award..... SEP 2007

(5) Construction Start..... OCT 2007

(6) Construction Completion..... AUG 2008

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Al Asad Air Base, Iraq

4. PROJECT TITLE  Runway with Shelters	5. PROJECT NUMBER  67374
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Al Asad Air Base Iraq			4. PROJECT TITLE Detainee Interrogation Facility		
5. PROGRAM ELEMENT		6. CATEGORY CODE 141	7. PROJECT NUMBER 67291	8. PROJECT COST (\$000) Auth 5,500 Approp 5,500	
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					4,115
Detainee Interrogation Facility		m2 (SF)	1,232 ( 13,260)	2,779	(3,423)
Life Support Area		LS	--	--	(626)
Building Information Systems		LS	--	--	(66)
<u>SUPPORTING FACILITIES</u>					732
Electric Service		LS	--	--	(61)
Water, Sewer, Gas		LS	--	--	(244)
Paving, Walks, Curbs & Gutters		LS	--	--	(105)
Site Imp( 196) Demo( )		LS	--	--	(196)
Information Systems		LS	--	--	(75)
Other		LS	--	--	(51)
ESTIMATED CONTRACT COST					4,847
CONTINGENCY PERCENT (5.00%)					242
SUBTOTAL					5,089
SUPV, INSP & OVERHEAD (7.70%)					392
TOTAL REQUEST					5,481
TOTAL REQUEST (ROUNDED)					5,500
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Construct a Detainee Interrogation facility with concrete foundation and reinforced concrete slab flooring with thickened sections to carry interior partition walls. Interior partitions to be fully grouted, vertically and horizonatally reinforced concrete masonry units. Detainee cells shall include four inch thick concrete ceilings tied to the walls. The facility shall include all electrical, mechanical and plumbing systems to provide for 24-hour operations. Include supporting conduit and space for communication hardware and lines. Special construction is required for detainee cell lighting and heating, ventilation and air conditioning, and security cameras and microphones to be integrated into secure fixtures.					
11. REQ: 1,232 m2		ADQT: NONE		SUBSTD: 1,208 m2	
PROJECT: Construct a Detainee Interrogation Facility. (Current Mission)					
REQUIREMENT: This is a base consolidation project. The current detention facility is located in aircraft hangars that need to be turned back over to the airfield for newly arriving aviation assets. Al Asad Air Base requires a properly designed and constructed facility for the housing and interrogation of detainees from western Iraq. The proper timing and conditions for detainee interrogation and information gathering is crucial to fighting the war on					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Al Asad Air Base, Iraq

4. PROJECT TITLE  Detainee Interrogation Facility	5. PROJECT NUMBER  67291
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REQUIREMENT: (CONTINUED)  
terrorism.  
CURRENT SITUATION: Detainees are currently held in an old Iraqi Hardened Aircraft Shelter that does not meet the requirement for segregation and in-depth interrogation of select detainees. The current detention facility does not adequately segregate detainees and prevent communication that has a direct negative impact on intelligence gathering.  
IMPACT IF NOT PROVIDED: Lack of a proper detention and interrogation facility significantly will reduce the timeliness and volume of human intelligence that can be extracted from key insurgents. This translates to significant missed opportunities on the battlefield. Accurate and timely information can directly contribute to accomplishment of the tactical and strategic missions with a decreased risk to coalition forces. In addition, Al Asad will lose the ability to expand the airfield taking up half of available hangar space on the western fringe by using an existing hangar as the detainee interrogation facility.  
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	<u>FEB 2007</u>
(b) Percent Complete As Of January 2006.....	<u>.00</u>
(c) Date 35% Designed.....	<u>JUN 2007</u>
(d) Date Design Complete.....	<u>JUL 2007</u>
(e) Parametric Cost Estimating Used to Develop Costs	<u>NO</u>
(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.....	<u>          </u>
(b) All Other Design Costs.....	<u>399</u>
(c) Total Design Cost.....	<u>399</u>
(d) Contract.....	<u>12</u>

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Al Asad Air Base, Iraq

4. PROJECT TITLE  Detainee Interrogation Facility	5. PROJECT NUMBER  67291
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house.....	387
(4) Construction Contract Award.....	<u>SEP 2007</u>
(5) Construction Start.....	<u>OCT 2007</u>
(6) Construction Completion.....	<u>AUG 2008</u>

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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NA

Installation Engineer: LTC Capps  
Phone Number: DSN: 318-822-3846

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Al Asad Air Base Iraq			4. PROJECT TITLE Water Storage Tanks			
5. PROGRAM ELEMENT	6. CATEGORY CODE 846	7. PROJECT NUMBER 67360		8. PROJECT COST (\$000) Auth 14,000 Approp 14,000		
9. COST ESTIMATES						
ITEM	UM (M/E)	QUANTITY		UNIT COST	COST (\$000)	
<u>PRIMARY FACILITY</u>						
Water Storage Tanks	L/d (KG)	18,927 ( 5,000)		412.11	10,333 (7,800)	
Water Lines	m (LF)	500 ( 1,640)		633.14	(317)	
Pumps and Connections	LS	--		--	(2,216)	
<u>SUPPORTING FACILITIES</u>						
Electric Service	LS	--		--	1,984 (753)	
Site Imp( 603) Demo( )	LS	--		--	(603)	
Antiterrorism Measures	LS	--		--	(628)	
ESTIMATED CONTRACT COST					12,317	
CONTINGENCY PERCENT (5.00%)					616	
SUBTOTAL					12,933	
SUPV, INSP & OVERHEAD (7.70%)					996	
TOTAL REQUEST					13,929	
TOTAL REQUEST (ROUNDED)					14,000	
INSTALLED EQT-OTHER APPROP					(0)	
10. Description of Proposed Construction Construct a water storage system capable of collecting, storing, and distributing five million gallons of potable water. Primary facility includes storage tanks, piping, and equipment necessary to pump water from a potable water source, protectively store a four- day supply of water, and connect the tanks to the base water supply system. Supporting facilities include the following utility and site upgrades: lighting sufficient for force protection purposes, electrical feeds for equipment, sidewalks, fences, and site improvements in the area of the storage tanks to provide access for travel, maintenances, ans security purposes.						
11. REQ:	18,927 L/d	ADQT:	NONE	SUBSTD:	3,785 L/d	
PROJECT: Construct five water storage tanks. (Current Mission)						
REQUIREMENT: Al Asad needs extra water storage capacity for contingency purposes, such as to guard against insurgent attacks on the existing water supply. Al Asad needs a reliable system that will supply treated water to the base as well as provide this additional storage capacity. The proposed project will provide a four day supply of potable water in accordance with the guidelines given in the base master plan.						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Al Asad Air Base, Iraq

4. PROJECT TITLE  Water Storage Tanks	5. PROJECT NUMBER  67360
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CURRENT SITUATION: Al Asad Air Base receives the majority of its water (14" line untreated and 10" treated non-potable) from the water treatment facility in the town of Khan Al Baghdadi, 8km away from the base on the Euphrates. The facility and the lines leading from the water plant to the base are subject to insurgent attacks which leaves the base with no incoming supply. Al Asad has open storage for raw, unprocessed water, but needs adequate protected storage and distribution of potable water for such contingency circumstances.

IMPACT IF NOT PROVIDED: If not provided, Al Asad Air Base will have a substandard water supply. The amount of supply Al Asad keeps in its cisterns will not last through the first day under any contingency. There will be very little time to correct problems that arise with the water storage, and the base will be left with only what can be purified on the spot. Additionally, Al Asad's water supply and water storage is vulnerable to insurgent activity as well as any other disruption to the water supply. Since the water is pumped in from Khan Al Baghdadi, 8km away from Al Asad.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	FEB 2007
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	JUN 2007
(d) Date Design Complete.....	JUL 2007
(e) Parametric Cost Estimating Used to Develop Costs	NO
(f) Type of Design Contract: Design-bid-build	
(2) Basis:	
(a) Standard or Definitive Design: YES	
(b) Where Most Recently Used:	
(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	
(b) All Other Design Costs.....	248
(c) Total Design Cost.....	248

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION

Al Asad Air Base, Iraq

4. PROJECT TITLE Water Storage Tanks	5. PROJECT NUMBER 67360
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(d) Contract.....	12
(e) In-house.....	236
(4) Construction Contract Award.....	OCT 2007
(5) Construction Start.....	NOV 2007
(6) Construction Completion.....	AUG 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

Installation Engineer: LTC Capps  
Phone Number: DSN: 318-822-3846

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1. COMPONENT USMC		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Al Asad Air Base Iraq				4. PROJECT TITLE Electrical Infrastructure Upgrades		
5. PROGRAM ELEMENT		6. CATEGORY CODE 812	7. PROJECT NUMBER 67285		8. PROJECT COST (\$000) Auth 14,600 Approp 14,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,988
Electrical Dist Feeder Cable		LS	--	--	--	(8,132)
Electrical Dist Switchgear		LS	--	--	--	(460)
Compact Substations		LS	--	--	--	(3,121)
Substation Building		m2 (SF)	140 (	1,507)	1,968	(275)
<u>SUPPORTING FACILITIES</u>						909
Site Imp( 909) Demo( )		LS	--	--	--	(909)
ESTIMATED CONTRACT COST						12,897
CONTINGENCY PERCENT (5.00%)						645
SUBTOTAL						13,542
SUPV, INSP & OVERHEAD (7.70%)						1,043
TOTAL REQUEST						14,585
TOTAL REQUEST (ROUNDED)						14,600
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct 11 kVa electrical power distribution feeders. This project includes the installation of a new substation building, new primary electrical power distribution switchgear, new primary electrical distribution feeder cables, new self-contained compact substations and associated equipment. Supporting facilities include provisions for meeting minimum DoD anti-terrorism/force protection standards.						
11. REQ: 11 kVA ADQT: NONE SUBSTD: 11 kVA						
PROJECT: Construct 11 kVa electrical power distribution feeders. (Current Mission)						
REQUIREMENT: Construct new 11 kV primary electrical distribution infrastructure to the east portion of the base as an expansion to the existing primary electrical power distribution system. This will provide centrally-generated electrical power to existing and planned facilities located within these areas. Construct new 11 kV secondary distributions radial with associated compact substations. Construct 11 kV secondary electrical distribution feeders which will increase power reliability by transforming radials into loops.						

1. COMPONENT  USMC	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Al Asad Air Base, Iraq

4. PROJECT TITLE  Electrical Infrastructure Upgrades	5. PROJECT NUMBER  67285
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CURRENT SITUATION: No primary electrical power distribution infrastructure of sufficient capacity exists within reasonable proximity to the east side of the base from which existing and planned facilities may obtain their electrical power. These areas currently use diesel generator sets to provide power which is expensive. The base power distribution system consists of numerous 11 kV radials which leave individual substations susceptible to outages if a fault occurs between the primary power source and substations at the end of the radials.

IMPACT IF NOT PROVIDED: Existing facilities on the east side of the base will continue to rely on individual diesel generator sets in order to meet their electrical power needs. New facilities within these areas will be forced to provide individual diesel engine generator sets in order to meet their electrical power needs. Due to greater inefficiency of operation, continued reliance on individual diesel engine generator sets will result in increased fuel consumption and cost. It is estimated that spot generation in Iraq costs 3.5 times more than central power generation. By not transforming the 11 kV radials into the loops, we remain vulnerable to larger scale outages in the event of an outage at a substation closer to the power source. We also lack the ability to redirect power and isolate portions of the radial in order to perform maintenance or make modifications to the radial. Due to greater pollution discharge, continued reliance on individual diesel engine generator sets will result in the further degradation of air quality in and around the base. The population of Al Asad is expected to grow over 50% the next year, further increasing the need for electrical power.

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. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... FEB 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... JUN 2007
  - (d) Date Design Complete..... JUL 2007
  - (e) Parametric Cost Estimating Used to Develop Costs ..... NO
  - (f) Type of Design Contract: Design-bid-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:

1. COMPONENT USMC	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Al Asad Air Base, Iraq

4. PROJECT TITLE Electrical Infrastructure Upgrades	5. PROJECT NUMBER 67285
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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.....	_____
(b) All Other Design Costs.....	242
(c) Total Design Cost.....	242
(d) Contract.....	12
(e) In-house.....	230
(4) Construction Contract Award.....	OCT 2007
(5) Construction Start.....	NOV 2007
(6) Construction Completion.....	AUG 2008

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
	NONE		

Installation Engineer: LTC Capps  
Phone Number: DSN: 318-822-3846

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION LSA Anaconda Iraq			4. PROJECT TITLE North Entry Control Point		
5. PROGRAM ELEMENT		6. CATEGORY CODE 141	7. PROJECT NUMBER 67366	8. PROJECT COST (\$000) Auth 7,400 Approp 7,400	
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					5,765
Convoy Processing Facility		m2 (SF)	1,455 ( 15,661)	1,460	(2,125)
Convoy Processing Lanes		m2 (SF)	70,000 ( 753,474)	46.43	(3,250)
Antiterrorism Measures		LS	--	--	(323)
Building Information Systems		LS	--	--	(67)
<u>SUPPORTING FACILITIES</u>					740
Electric Service		LS	--	--	(412)
Site Imp( 46) Demo( )		LS	--	--	(46)
Information Systems		LS	--	--	(75)
Communication Support		LS	--	--	(207)
ESTIMATED CONTRACT COST					6,505
CONTINGENCY PERCENT (5.00%)					325
SUBTOTAL					6,830
SUPV, INSP & OVERHEAD (7.70%)					526
TOTAL REQUEST					7,356
TOTAL REQUEST (ROUNDED)					7,400
INSTALLED EQT-OTHER APPROP					( )
10. Description of Proposed Construction Upgrade North Entry Control Point to include Convoy and Vehicle Processing Facility to include concrete under-vehicle search pits, convoy search for 20-25 vehicles, staging lanes, emergency vehicle response access pavements, hardstand and utilities for scanning equipment. Supporting facilities include generators and utilities, communication support, paving, parking, and other site improvements. Force protection includes facilities with concrete reinforced walls, ballistic laminated windows and doors, over watch facility, hardened Check point Shelters, Command Center, active and passive barriers, test fire pit area, badging office for personnel scanning, detention area.					
11. REQ: 1,455 m2 ADQT: NONE SUBSTD: 1,455 m2 PROJECT: Construct an Entry Control Point (ECP). (Current Mission) REQUIREMENT: LSA Anaconda requires a properly designed and constructed entry control point and search facilities at the north base entrance. LSA Anaconda has been selected as a final Contingency Operating Base and requires a more efficient and safer operation for screening vehicles entering the base. The current operation puts the ECP personnel at risk and causes significant delays to the base entry process.					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
LSA Anaconda, Iraq

4. PROJECT TITLE  North Entry Control Point	5. PROJECT NUMBER  67366
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CURRENT SITUATION: LSA Anaconda has a substandard north entry control point (ECP). The operation requires a significant amount of time to process a single vehicle. The ECP is the primary route for non-military escorted vehicles and is closed to military traffic during this process. Incoming and outgoing vehicles are required to cross oncoming traffic lanes at multiple points. Inbound convoys must stage for entry on off-post roads without overwatch. Contractor and military vehicles are required to halt on roads outside LSA Anaconda at high risk of mortar and small arms fire to wait for other vehicles to complete the ECP screening process. Quick Response Forces responding to indirect fire attacks on LSA Anaconda are often hindered by inbound or outbound queued traffic at the ECP. There is no capability to properly search the unescorted civilian convoys that are anticipated as the country stabilizes.

IMPACT IF NOT PROVIDED: Force Protection will continue to be degraded due to the inability to properly process vehicles and personnel entering LSA Anaconda. Military escorted truck convoys will not be processed until after passing numerous unprotected military personnel, putting personnel at risk to mortar and small arms fire. The stationary personnel and vehicles will continue to be at great risk of injury and damage from the numerous strikes that occur on these roads. Outbound convoy vehicles will continue to block base roads and hinder emergency responses. The inability to safely and efficiently process personnel and materials onto the base will limit the effectiveness and security of LSA Anaconda and its personnel.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:	
(1) Status:	
(a) Date Design Started.....	FEB 2007
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	APR 2007
(d) Date Design Complete.....	JUN 2007
(e) Parametric Cost Estimating Used to Develop Costs	NO
(f) Type of Design Contract: Design-bid-build	
(2) Basis:	

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
LSA Anaconda, Iraq

4. PROJECT TITLE North Entry Control Point	5. PROJECT NUMBER 67366
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)  
 (a) Standard or Definitive Design: YES  
 (b) Where Most Recently Used:

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	(\$000)
(a) Production of Plans and Specifications.....	_____
(b) All Other Design Costs.....	217
(c) Total Design Cost.....	217
(d) Contract.....	12
(e) In-house.....	205

- (4) Construction Contract Award..... SEP 2007  
 (5) Construction Start..... OCT 2007  
 (6) Construction Completion..... AUG 2008

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NA			

Installation Engineer: BG Michael J. Terry  
 Phone Number: Not Available

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION LSA Anaconda Iraq				4. PROJECT TITLE South Entry Control Point		
5. PROGRAM ELEMENT		6. CATEGORY CODE 141	7. PROJECT NUMBER 67367		8. PROJECT COST (\$000) Auth 7,500 Approp 7,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						5,721
Convoy Processing Facility		m2 (SF)	1,455 (	15,661)	1,460	(2,125)
Convoy Processing Lanes		m2 (SF)	70,000 (	753,474)	46.43	(3,250)
Antiterrorism Measures		LS	--	--	--	(279)
Building Information Systems		LS	--	--	--	(67)
<u>SUPPORTING FACILITIES</u>						914
Electric Service		LS	--	--	--	(422)
Site Imp( 124) Demo( )		LS	--	--	--	(124)
Information Systems		LS	--	--	--	(75)
Antiterrorism Measures		LS	--	--	--	(85)
Communication Support		LS	--	--	--	(208)
ESTIMATED CONTRACT COST						6,635
CONTINGENCY PERCENT (5.00%)						332
SUBTOTAL						6,967
SUPV, INSP & OVERHEAD (7.70%)						536
TOTAL REQUEST						7,503
TOTAL REQUEST (ROUNDED)						7,500
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Upgrade South Entry Control Point to include Convoy and Vehicle Processing Facility to include concrete under-vehicle search pits, convoy search for 20-25 vehicles, staging lanes, emergency vehicle response access pavements, hardstand and utilities for scanning equipment. Supporting facilities include generators and utilities, communication support, paving, parking, and other site improvements. Force protection includes facilities with concrete reinforced walls, ballistic laminated windows and doors, over watch facility, hardened Check point Shelters, Command Center, active and passive barriers, test fire pit area, badging office for personnel scanning, detention area.						
11. REQ:		1,455 m2	ADQT: NONE		SUBSTD:	1,455 m2
PROJECT: Construct South Entry Control Point. (Current Mission)						
REQUIREMENT: LSA Anaconda requires a properly designed and constructed entry control point and search facilities at the south base entrance. LSA Anaconda has been selected as a final Contingency Operating Base and requires a more efficient and safer operation for screening vehicles entering the base. The current operation puts the ECP personnel at risk and causes significant delays to the base entry process.						



1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION

LSA Anaconda, Iraq

4. PROJECT TITLE

South Entry Control Point

5. PROJECT NUMBER

67367

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.....	_____
(b) All Other Design Costs.....	_____ 217
(c) Total Design Cost.....	_____ 217
(d) Contract.....	_____ 12
(e) In-house.....	_____ 205
(4) Construction Contract Award.....	_____ SEP 2007
(5) Construction Start.....	_____ OCT 2007
(6) Construction Completion.....	_____ AUG 2008

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
	NA		

Installation Engineer: BG Michael J. Terry  
Phone Number: Not Available

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION LSA Anaconda Iraq				4. PROJECT TITLE CJSOAC Operations Center		
5. PROGRAM ELEMENT		6. CATEGORY CODE 141	7. PROJECT NUMBER 67295		8. PROJECT COST (\$000) Auth 3,450 Approp 3,450	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						
CJSOAC Ops Facility		m2 (SF)	706.06 ( 7,600)		3,613	2,682 (2,551)
Building Information Systems		LS	--		--	(131)
<u>SUPPORTING FACILITIES</u>						382
Electric Service		LS	--		--	(202)
Water, Sewer, Gas		LS	--		--	(101)
Information Systems		LS	--		--	(79)
ESTIMATED CONTRACT COST						3,064
CONTINGENCY PERCENT (5.00%)						153
SUBTOTAL						3,217
SUPV, INSP & OVERHEAD (7.70%)						248
TOTAL REQUEST						3,465
TOTAL REQUEST (ROUNDED)						3,450
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a facility for the Combined Joint Special Operations Air Component (CJSOAC) to use as an operations center for the strategic and operational planning for both rotary and fixed wing special operations air support to forces in Iraq. Facility will be constructed of a pre-engineered steel frame structure with masonry curtain walls, reinforced concrete roof, and use of the metal roof as the pre-detonation layer of the overhead cover protection system. Electrical service will consist of a diesel generator set sized for building requirements. Multiple LAN, TEL services internal to the facility will be provided.						
11. REQ:		706 m2	ADQT: NONE		SUBSTD:	706 m2
PROJECT: Construct a Combined Joint Special Operations Air Component (CJSOAC) Operations Center. (Current Mission)						
REQUIREMENT: This project is required to support the recent move of the Combined Joint Special Operations Air Component to Anaconda to enhance operational readiness and mission planning in Iraq. This facility will allow efficient mission planning, briefing, operational oversight and command and control of the fixed and rotary wing special operations forces in Iraq and Afghanistan.						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
LSA Anaconda, Iraq

4. PROJECT TITLE  CJSOAC Operations Center	5. PROJECT NUMBER  67295
--	--------------------------------

CURRENT SITUATION: CJSOAC forces recently moved to Anaconda from Kuwait to provide a proactive fixed and rotary wing response to the needs of the ground forces in Iraq. The current facility consists of a Sprung tent accommodating the Joint Operations Center (JOC), mission planning and various staff sections. The current facility is rapidly deteriorating. The Sprung tent has been in place for 2 1/2 years, requires continuous maintenance and provides no force protection. The fabric has numerous holes, a ripped seam and a large hole in one of the panels. The current electrical system within the tent also requires significant repairs considering that this facility should be in use for the next 2-5 years. With the harsh environmental conditions of Iraq, the deterioration of the tent's fabric and structure will continue, eventually leading to the failure of the structure. Additionally, the current facility provides little or no force protection from small arms fire or mortar attacks.

IMPACT IF NOT PROVIDED: If this facility is not provided, the special operations mission within the combined joint operations area will be detrimentally impacted. The lack of this facility effects mission planning, data collection and command and control of special operations air assets for the operational area due to the inadequate wiring and lighting in the current facility. Moreover, as the tent facility deteriorates, the ability of the structure to withstand the adverse environment drastically decreases; ultimately leading to structural failure, the loss of operational planning capabilities and possible injury to CJSOAC personnel. If a mortar strike were to occur near or on the existing facility, CJSOAC would not only lose personnel but also all critical command, control and mission planning capabilities.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

- (a) Date Design Started..... FEB 2007
- (b) Percent Complete As Of January 2006..... .00
- (c) Date 35% Designed..... APR 2007
- (d) Date Design Complete..... JUN 2007
- (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ NO
- (f) Type of Design Contract: Design-bid-build

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION LSA Anaconda, Iraq	
--	--

4. PROJECT TITLE CJSOAC Operations Center	5. PROJECT NUMBER 67295
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (2) Basis:
- (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- |   |     |
|---|-----|
| (a) Production of Plans and Specifications..... |     |
| (b) All Other Design Costs.....                 | 462 |
| (c) Total Design Cost.....                      | 462 |
| (d) Contract.....                               | 12  |
| (e) In-house.....                               | 450 |
- (4) Construction Contract Award..... SEP 2007
- (5) Construction Start..... OCT 2007
- (6) Construction Completion..... AUG 2008

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NA			

Installation Engineer: BG Michael J. Terry  
 Phone Number: Not Available

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION LSA Anaconda Iraq			4. PROJECT TITLE Truck Lane Access Road		
5. PROGRAM ELEMENT		6. CATEGORY CODE 851	7. PROJECT NUMBER 67368	8. PROJECT COST (\$000) Auth 2,600 Approp 2,600	
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					1,685
Convoy Bypass		m2 (SF)	24,350 ( 262,101)	49.28	(1,200)
Antiterrorism Measures		LS	--	--	(485)
<u>SUPPORTING FACILITIES</u>					601
Site Imp( 601) Demo( )		LS	--	--	(601)
ESTIMATED CONTRACT COST					2,286
CONTINGENCY PERCENT (5.00%)					114
SUBTOTAL					2,400
SUPV, INSP & OVERHEAD (7.70%)					185
TOTAL REQUEST					2,585
TOTAL REQUEST (ROUNDED)					2,600
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct truck two-lane bypass road consisting of reinforced pavement, or concrete pavement access lane, site improvements, and parking. Convoy resupply operation will be relocated. Force protection includes T-barriers separating trucks from barrier protection from direct fire.					
11. REQ: 24,350 m2 ADQT: NONE SUBSTD: 24,350 m2					
PROJECT: Construct Truck Lane Bypass Road. (Current Mission)					
REQUIREMENT: LSA Anaconda requires a properly designed and constructed bypass road for all convoys. As a final contingency operating base (COB), Anaconda is becoming more crowded and roads are becoming more congested. Quick Response Forces are impeded by the high traffic already seen by this stretch of road.					
CURRENT SITUATION: Convoys entering LSA Anaconda are required to use a single road joining the northern and southern halves of the base. This road is heavily used by base personnel. Convoys cause daily traffic back-ups on the main road. LSAA frequently receives mortar and rocket fire, which Quick Response Forces (QRF) are required to respond to via the north & south ECP. Traffic back-ups due to large contractor convoys prevent QRF from reaching the					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
LSA Anaconda, Iraq

4. PROJECT TITLE  Truck Lane Access Road	5. PROJECT NUMBER  67368
--	--------------------------------

CURRENT SITUATION: (CONTINUED)

north & south ECP and responding appropriately to indirect fire attacks, putting additional personnel at risk and preventing neutralization of anti-Iraqi forces. Military vehicles frequently escort contractor convoys of up to 50 vehicles through the ECP and onto base roads. Contractor convoys are required to stop on primary north/south route on west side of LSAA while waiting to refuel, preventing base traffic from passing and QRF from responding to threats.

IMPACT IF NOT PROVIDED: Force Protection will continue to be degraded due to the inability to properly contain contractor vehicles and personnel entering LSAA, with potential for unauthorized personnel or materials to enter the base. LSA traffic flow will continue to be impeded by heavy traffic on multiple roads on LSA Anaconda. Convoy refueling operations will continue to be hampered due to lack of vehicle staging areas. Quick Response Forces will continue to be unable to react to attacks due to blocked roads from large convoys. LSA Anaconda's fuel supply will continue to be at risk of attack while QRF and fire department personnel are unable to respond due to blocked roads.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... FEB 2007
    - (b) Percent Complete As Of January 2006..... .00
    - (c) Date 35% Designed..... APR 2007
    - (d) Date Design Complete..... JUN 2007
    - (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ NO
    - (f) Type of Design Contract: Design-bid-build
  
  - (2) Basis:
    - (a) Standard or Definitive Design: YES
    - (b) Where Most Recently Used:
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
LSA Anaconda, Iraq

4. PROJECT TITLE  Truck Lane Access Road	5. PROJECT NUMBER  67368
--	--------------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a) Production of Plans and Specifications.....	_____
(b) All Other Design Costs.....	138
(c) Total Design Cost.....	138
(d) Contract.....	12
(e) In-house.....	126
(4) Construction Contract Award.....	SEP 2007
(5) Construction Start.....	OCT 2007
(6) Construction Completion.....	JUN 2008

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
NONE			

Installation Engineer: BG Michael J. Terry  
Phone Number: Not Available

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION LSA Anaconda Iraq			4. PROJECT TITLE Water Wells			
5. PROGRAM ELEMENT		6. CATEGORY CODE 841	7. PROJECT NUMBER 67369		8. PROJECT COST (\$000) Auth 2,200 Approp 2,200	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						1,388
Water Wells		L/d(KG)	6,435 ( 1,700)		204.07	(1,313)
SCADA System		EA	1 --		75,169	(75)
<u>SUPPORTING FACILITIES</u>						472
Water, Sewer, Gas		LS	--		--	(251)
Site Imp( 221) Demo( )		LS	--		--	(221)
ESTIMATED CONTRACT COST						1,860
CONTINGENCY PERCENT (5.00%)						93
SUBTOTAL						1,953
SUPV, INSP & OVERHEAD (7.70%)						150
DESIGN/BUILD - DESIGN COST						78
TOTAL REQUEST						2,181
TOTAL REQUEST (ROUNDED)						2,200
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct potable water wells which include well liners, wellhead equipment, machinery sufficient to meet a 1,700k gal/day supply requirement. Provide a supervisory control and data acquisition (SCADA) system for hydrology survey, video inspection of well liners, water potability testing. Supporting work includes site improvements and utilities.						
11. REQ: 6,435 L/d ADQT: NONE SUBSTD: 6,435 L/d						
PROJECT: Construct potable water wells.						
REQUIREMENT: LSA Anaconda requires more properly designed and constructed water wells. The base is dependent on a shallow irrigation canal that is off base and outside of LSA Anaconda's control. With base consolidation, with other installations in Iraq LSA Anaconda's limited water supply will start to reach dangerously low levels.						
CURRENT SITUATION: LSAA relies on water from an adjacent irrigation canal outside the base perimeter. Gates controlling water flow into this canal are outside LSAA control, and are not consistently operated by local authorities. Also, water levels become dangerously low during the dry season, which will get worse as other bases consolidate on to Anaconda. The current aquifer is located at roughly 90- 120 ft below the surface. Pump tests show no						



1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
LSA Anaconda, Iraq

4. PROJECT TITLE Water Wells	5. PROJECT NUMBER 67369
---------------------------------	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (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.....	_____
(b) All Other Design Costs.....	152
(c) Total Design Cost.....	152
(d) Contract.....	12
(e) In-house.....	140

(4) Construction Contract Award..... SEP 2007

(5) Construction Start..... OCT 2007

(6) Construction Completion..... AUG 2008

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

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>Or Requested</u>	<u>(\$000)</u>

NONE

Installation Engineer: BG Michael J. Terry  
Phone Number: Not Available

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION LSA Anaconda Iraq			4. PROJECT TITLE Water Storage Tanks		
5. PROGRAM ELEMENT	6. CATEGORY CODE 846	7. PROJECT NUMBER 67370	8. PROJECT COST (\$000) Auth 10,000 Approp 10,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					
Potable Water Tanks/Accessories		L (GA)	23848096 ( 6300000)	.31	7,371 (7,371)
<u>SUPPORTING FACILITIES</u>					
Water, Sewer, Gas		LS	--	--	1,533 (1,005)
Site Imp( 503) Demo( )		LS	--	--	(503)
Communications		LS	--	--	(25)
ESTIMATED CONTRACT COST					8,904
CONTINGENCY PERCENT (5.00%)					445
SUBTOTAL					9,349
SUPV, INSP & OVERHEAD (7.70%)					720
TOTAL REQUEST					10,069
TOTAL REQUEST (ROUNDED)					10,000
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct portable water tanks with all accessories and infrastructure to include all civil, electrical, and mechanical work necessary to produce a complete and functional facility capable of storing a three day supply of potable water. Supporting work includes demolition of the existing water bag facilities and infrastructure, site preparation and improvements. DOD force protection standards will be met.					
11. REQ: 23,848,096 L ADQT: NONE SUBSTD: 12,491,860 L PROJECT: Construct potable water tanks. REQUIREMENT: LSA Anaconda requires properly designed and constructed potable water steel storage tanks to replace the existing temporary bladder farm. The potable water storage solution is to be designed to support three (3) days of LSAA water consumption estimated at 2.1MGAL/day for a total of 6.3MGAL of storage capacity. The existing bags are deteriorating, have insufficient storage capacity, and are less sanitary than the proposed epoxy lined steel tanks. LSA Anaconda has been selected as an enduring base and as such its base population is expected to grow and LSA operations will continue after most other locations have ceased to operate. Construction of permanent ground level portable water structure facilities, sufficient to contain 6.3MGAL is					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
3. INSTALLATION AND LOCATION  LSA Anaconda, Iraq		
4. PROJECT TITLE  Water Storage Tanks	5. PROJECT NUMBER  67370	
<p>REQUIREMENT: (CONTINUED)</p> <p>requested. Bolted steel, epoxy lined tanks, with inter-connecting piping, transfer pumps, meters, and isolation valves are required. Site work incidental to this project include grading, tank foundations, gravel access roadways, and demolition of the existing facilities. Supporting utilities incidental to construction of a permanent includes lighting, electrical power, cathodic protection, and phone/intercom. Sufficient tank separation is required to support routine maintenance of tanks, piping, values and pumps</p> <p><u>CURRENT SITUATION:</u> LSAA currently consumes 2.1MGAL of potable water per day in the execution of its mission. LSAA currently stores roughly 3.0MGAL of water, significantly less than the mandated three (3) days of storage. The base water distribution system is inoperative and the existing permanent storage facilities are not in use which significantly limits the amounts of water stored on the base. Water held for fire protection is also limited. The elevate storage tanks are empty and fire fighting water is staged at critical location on the base. Water production operations are frequently interrupted by a lack of raw water further exacerbating the current shortfall of stored water. Water operations are further degraded by the continuing requirement to do bladder maintenance and replacement. Water quality in bags is inferior to that stored in permanent tanks. Continued use of bladders is inefficient given their continual and rapid deterioration in these harsh environmental conditions. Deploying additional bladders to support the required design requirement of 6.3MGAL in storage is not feasible.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Treated water will continue to be stored in deteriorated temporary storage bags, making water transfer more cumbersome and time consuming. Also, potable water storage capacity on LSAA is not sufficient to accommodate a minimum two or three day supply. If water sources were to become unavailable, we run the risk of depleting all water reserves on base. Construction projects (which use 70% of treated water) would cease. Water rationing would take place, putting a strain on service members and others. Personal hygiene could be compromised, resulting in greater susceptibility to communicable diseases. Theater hospital operations would be compromised and readiness would decrease. On post water bottling plant would shut down, cutting off the source of clean drinking water for LSAA personnel and many FOBs. Current storage capacity must also be increased to facilitate projected increases to the current base population. Bag maintenance and replacement costs will continue to increase.</p> <p><u>ADDITIONAL:</u> This project is consistent with USCENTCOM Regulation 415-1, 'The Sand Book.'. This facility will be designed and built for Joint Use Operations. This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project</p>		

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
LSA Anaconda, Iraq

4. PROJECT TITLE  Water Storage Tanks	5. PROJECT NUMBER  67370
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ADDITIONAL: (CONTINUED)

has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... FEB 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... APR 2007
  - (d) Date Design Complete..... JUN 2007
  - (e) Parametric Cost Estimating Used to Develop Costs NO
  - (f) Type of Design Contract: Design-bid-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications.....
  - (b) All Other Design Costs..... 193
  - (c) Total Design Cost..... 193
  - (d) Contract..... 12
  - (e) In-house..... 181
  
- (4) Construction Contract Award..... SEP 2007
- (5) Construction Start..... OCT 2007
- (6) Construction Completion..... AUG 2008

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION

LSA Anaconda, Iraq

4. PROJECT TITLE

Water Storage Tanks

5. PROJECT NUMBER

67370

12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NONE		

Installation Engineer: BG Michael J. Terry  
Phone Number: Not Available

1. COMPONENT ARMY	FY 2007	MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION LSA Anaconda Iraq	4. PROJECT TITLE POL Tanks
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5. PROGRAM ELEMENT	6. CATEGORY CODE 411	7. PROJECT NUMBER 67371	8. PROJECT COST (\$000) Auth 9,900 Approp 9,900
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9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>				6,481
POL Tanks, 1,250 KGal	LS	--	--	(3,432)
Truck Unloading	LS	--	--	(2,194)
Piping / Connections	m (FT)	399.90 ( 1,312)	375.85	(150)
Refueler Station	EA	1 --	292,231	(292)
Filter House	EA	1 --	338,057	(338)
Building Information Systems	LS	--	--	(75)
<u>SUPPORTING FACILITIES</u>				2,308
Electric Service	LS	--	--	(150)
Water, Sewer, Gas	LS	--	--	(942)
Site Imp( 942) Demo( )	LS	--	--	(942)
Information Systems	LS	--	--	(139)
Antiterrorism Measures	LS	--	--	(135)
ESTIMATED CONTRACT COST				8,789
CONTINGENCY PERCENT (5.00%)				439
SUBTOTAL				9,228
SUPV, INSP & OVERHEAD (7.70%)				711
TOTAL REQUEST				9,939
TOTAL REQUEST (ROUNDED)				9,900
INSTALLED EQT-OTHER APPROP				( )

10. Description of Proposed Construction Construct POL tanks to include secondary containment, download and upload points, mechanical, pumping, metering, filtering, communication, lightning protection, grounding, supervisory controls, lighting, and electrical systems. Supporting work includes removal of existing fuel bladder system and demolition of containment infrastructure, reconstruction of interior access roads (gravel), and installation of security fencing, anti-terrorist protection and download/upload hard-stands.

11. REQ: 4,732 L/d ADQT: NONE SUBSTD: 4,732 L/d  
PROJECT: Construct POL Tanks. (Current Mission)  
REQUIREMENT: LSA Anaconda requires a properly designed and constructed POL tank farm to replace the existing fuel bladder system; a facility currently configured to support the expeditious off-loading of 700KGAL of product delivered by semi-truck convoy (in excess of one hundred semi trucks per eight hour off-load cycle) per day. The product is to be stored in appropriately sized tanks, no one product stored in less than two tanks to allow tank maintenance and fuel transfer operations. The facility has to have the capability of both off-loading and up-loading all three products simultaneously. There are approximately 400 upload operations conducted daily.

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
3. INSTALLATION AND LOCATION  LSA Anaconda, Iraq		
4. PROJECT TITLE  POL Tanks	5. PROJECT NUMBER  67371	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>The fuel farm stores three basic products and the current storage volumes, considered adequate for design, are as follows: JP8 Aviation and ground vehicles 3,200KGAL DF2 general purpose diesel (generators) 1,000KGAL Mogas 250KGAL The minimum acceptable number of down-load/up-load points by product type is as follows: JP8 12 DF2 7 Mogas - 4 Each off-load/up-load point is to be accessible by semi-truck via improved gravel access road. Each offload/upload point is to have a concrete hard-stand. Each point will be connected to a POL piping network feeding multiple tanks, equipped with a properly sized pump, fuel filtering system, and a fuel metering system with remote read-out. AFFF, proper grounding, communication, lighting, and other safety precautions are to be incorporated into the design of the off-load/up-load points. Supporting work is to include removal of the existing bladders and retention structures (remediation as necessary), relocation/reconstruction of all interior access roads to support new configuration, installation of a internal security fence, lightning protection, supervisory/SCADA system, cathodic protection (as required), provision of a electrical generator set (no base power available), POL distribution system to support pumping/transfer operations, and installation of a vapor recovery system (as required). Adequate force protections devices (e.g. tee-walls and/or limited tank height) must be installed to limit vulnerability to line of sight attacks (e.g. 50 caliber rounds).</p> <p><u>CURRENT SITUATION:</u> The LSA Anaconda fuel farm is an expansive facility with approximately 90 low profile bladders, spread out over nearly 100 acres of relatively flat, high-value real estate. The farm is configured to facility the simultaneous unloading of nearly 35 semi-tankers throughout the fuel farm; a operation capability that is critical to supporting the 24 hour fuel convoy cycle and 20 truck convoy operational construct. The existing storage in terms of volume and mix of product is as follows: JP8 Aviation and ground vehicles 3,200KGAL DF2 general purpose diesel (generators) 1,000KGAL Mogas 250KGAL Daily fuel uploads total roughly 700 KGAL in quantities with dispensing quantities ranging from 500 to 3500 gallons per truck for a daily total of 700KGAL. Each offload/upload point is made up of a network of inter-connect reinforced rubber hose, groupings of bladders serviced by a single 400GPM diesel driven pump, fuel filtering system and a fuel meter. Each bladder is located within a membrane-lined containment area. Portable AFFF fire fighting equipment is staged at strategic locations on the facility. The life expectancy of a bladder is roughly 4-7 months and the serviceability of the hose is about 6-9 months. The fuel farm operations and maintenance team numbers approximately 140 full time employees Daily estimated off-load/up-load quantities by product type are as follows: JP8 700KGAL DF2 300KGAL Mogas 48KGAL The existing number of offload/upload points necessary to services both the 150-200 daily convoy downloads and the station 400 daily uploads (dispensing actions) were identified as follows:</p>		

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
LSA Anaconda, Iraq

4. PROJECT TITLE  POL Tanks	5. PROJECT NUMBER  67371
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CURRENT SITUATION: (CONTINUED)

JP8 24 DF2 6 Mogas - 4 Co-located on the fuel farm site are a number of temporary structures (not programmed for replacement) that support roughly 140 contractor personnel and the following functions: Fuels laboratory General Office Access control point Load processing Contaminated Fuels processing Drivers break area Maintenance area Employee support area Parts and equipment storage Emergency eye-wash and first aid stations

IMPACT IF NOT PROVIDED: Fuel will continue to be stored in deteriorated temporary storage bags, making fuel transfer more cumbersome and time consuming. Significant amounts of land will continue to be used, making the relocation of closed installations to this base more difficult. Bag maintenance and replacement costs will continue to increase.

ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- |  |          |
|--|----------|
| (a) Date Design Started.....                         | FEB 2007 |
| (b) Percent Complete As Of January 2006.....         | .00      |
| (c) Date 35% Designed.....                           | APR 2007 |
| (d) Date Design Complete.....                        | JUN 2007 |
| (e) Parametric Cost Estimating Used to Develop Costs | NO       |
| (f) Type of Design Contract: Design-bid-build        |          |

- (2) Basis:
- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- |   |     |
|---|-----|
| (a) Production of Plans and Specifications..... |     |
| (b) All Other Design Costs.....                 | 414 |
| (c) Total Design Cost.....                      | 414 |
| (d) Contract.....                               | 12  |
| (e) In-house.....                               | 402 |

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION

LSA Anaconda, Iraq

4. PROJECT TITLE POL Tanks	5. PROJECT NUMBER 67371
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (4) Construction Contract Award..... SEP 2007
- (5) Construction Start..... OCT 2007
- (6) Construction Completion..... AUG 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

Installation Engineer: BG Michael J. Terry  
Phone Number: Not Available

1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION LSA Anaconda Iraq			4. PROJECT TITLE Ammunition Storage Facility			
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 422	7. PROJECT NUMBER 68614		8. PROJECT COST (\$000) Auth 22,100 Approp 22,100	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Munitions Storage Area		m2 (SF)	27,025 ( 290,895)		723.12	19,543 (19,543)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						19,543
CONTINGENCY PERCENT (5.00%)						977
SUBTOTAL						20,520
SUPV, INSP & OVERHEAD (7.70%)						1,580
TOTAL REQUEST						22,100
TOTAL REQUEST (ROUNDED)						22,100
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a munitions storage area (MSA) compound including site grading and drainage improvements, paved roads, pre-engineered metal buildings for munitions maintenance, inspection, and storage functions, munitions storage pads, barricaded modules, lightning protection, fencing, and modular latrine facilities. Work will include all civil, mechanical, electrical, and communications work necessary to produce complete and usable facilities.						
11. REQ: 27,025 m2 ADQT: NONE SUBSTD: NONE PROJECT: Construct Ammunition Storage Facility. REQUIREMENT: The Air Force MSA at Balad AB, Iraq, must safely receive, store, build, and provide sustained delivery of aerially employed munitions for up to 10 days' supply of combat sortie surge munitions requirements. Construction of an MSA compound with new road infrastructure, concrete storage pads and functional facilities is required to create an operational flow and ensure safe operating conditions as outlined in DoD 6055.9 STD, DoD Ammunition and Explosives Safety Standards, AFMAN 91-201, Explosives Safety Standards, and AFI 31-101, The Air Force Installation Security Program. Maintaining DoD 6055.9-STD requirements is paramount to preventing explosive propagation in						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
3. INSTALLATION AND LOCATION  LSA Anaconda, Iraq		
4. PROJECT TITLE  Ammunition Storage Facility	5. PROJECT NUMBER  68614	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>the event of a successful insurgent mortar or rocket attack, as recent events at Camp FALCON illustrate. The MSA compound will include fifty-four (54) storage cells, five (5) concrete pads for operations and storage, eleven (11) pre-engineered metal buildings, one (1) sunshade, four (4) latrine trailers, one (1) barricaded magazine storage site consisting of B-1 revetments, lightning protection, site grading/drainage, paved roads, electrical infrastructure, and fencing.</p> <p><u>CURRENT SITUATION:</u> CURRENT SITUATION: AC-130 and F-16 aircraft beddown and combat missions have increased at Balad AB, doubling the munitions storage requirement. The MSA capacity has not increased to properly store the munitions for the new missions. There is a shortfall of 1.2M lbs net explosive weight (NEW) required to support the combat missions. There is no holding area for munitions. There is only a single paved surface. Two munitions production facilities are required; there is currently only one. Operations and storage facilities are nonexistent or inadequately sized to support the current requirement. Munitions inspections and trailer maintenance is consolidated into a single fabric shelter. These functions cannot be conducted simultaneously, necessitating continual equipment changes and maintenance delays. There are no precision guided missile storage, 1.3 x 1.4 storage, or high security storage facilities. All types of munitions are stored in the barricaded magazines, in violation of AFMAN 91-201 and AFI 31-101. The storage cells consist of inadequate and deteriorating HESCO barriers that have been in place for several years. The road infrastructure consists mainly of unimproved dirt or gravel surfaces and is inadequate to support the frequency and weight of high pay loads received on a weekly basis. There are no isolation pads loading and unloading of inbound and outbound shipments of munitions. Stormwater drainage in the area is inadequate, creating muddy conditions and delaying munitions transport. To sustain sortie surge operations, several waivers are required to accommodate the mission, placing both personnel and the mission at great risk. The US Army is consolidating LSA Anaconda ammunition storage points (ASP) in a location adjacent to the MSA, further increasing the total volume of munitions storage and the associated hazard.</p> <p><u>IMPACT IF NOT PROVIDED:</u> IMPACT IF NOT PROVIDED: Without this project, the current MSA configuration and capacity will support only enough munitions for 2.5 days of combat sortie surge, with munitions reception capability at high risk. This situation will drive the 332 AEW/CC to assume unacceptably high levels of risk, vice failing to provide combat-loaded aircraft. Additionally, the MSA will eventually be in violation of DoD 6055.9-STD, as the LSA Anaconda ASP consolidation continues. As the number of FOBs close down, the need to store additional munitions will rise. LSA Anaconda acts as a logistical hub for northern Iraq; mission degradation or stoppage would have theater-wide effects.</p> <p><u>ADDITIONAL:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use</p>		

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
LSA Anaconda, Iraq

4. PROJECT TITLE  Ammunition Storage Facility	5. PROJECT NUMBER  68614
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ADDITIONAL: (CONTINUED)  
potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... MAR 2007
    - (b) Percent Complete As Of January 2006..... .00
    - (c) Date 35% Designed..... APR 2007
    - (d) Date Design Complete..... MAY 2007
    - (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..... 1,300
    - (b) All Other Design Costs.....
    - (c) Total Design Cost..... 1,300
    - (d) Contract..... 1,300
    - (e) In-house.....
  - (4) Construction Contract Award..... JUN 2007
  - (5) Construction Start..... JUL 2007
  - (6) Construction Completion..... MAR 2008

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

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>Or Requested</u>	<u>(\$000)</u>
	NONE		

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION LSA Anaconda Iraq			4. PROJECT TITLE Airfield Overrun		
5. PROGRAM ELEMENT 01010A	6. CATEGORY CODE 111	7. PROJECT NUMBER 68613	8. PROJECT COST (\$000) Auth 15,700 Approp 15,700		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					9,002
Pavement 12/30		m2 (SF)	27,145 ( 292,186)	140.00	(3,800)
Pavement 14/32		m2 (SF)	37,160 ( 399,987)	140.00	(5,202)
<u>SUPPORTING FACILITIES</u>					4,385
Site Imp( 4,385) Demo( )		LS	--	--	(4,385)
ESTIMATED CONTRACT COST					13,387
CONTINGENCY PERCENT (5.00%)					669
SUBTOTAL					14,056
SUPV, INSP & OVERHEAD (7.70%)					1,082
DESIGN/BUILD - DESIGN COST					562
TOTAL REQUEST					15,700
TOTAL REQUEST (ROUNDED)					15,700
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct paved overruns on each end of runways. Work will include excavation, compaction, grading, and paving of two overruns measuring 305 LM by 44.5 LM (1,000 LF by 146 LF) for RWY 12/30 and two overruns measuring 305 LM by 61 LM (1,000 LF by 200 LF) for RWY 14/32.					
11. REQ: 64,305 m2 ADQT: NONE SUBSTD: NONE PROJECT: Airfield Overruns, Balad. REQUIREMENT: An immediate requirement exists to provide paved overruns in accordance with Unified Facilities Criteria (UFC) 3-260-01, Airfield and Heliport Planning and Design, for Army Class B Runways, Table 3.4, for the two operational runways at Balad AB, Iraq. Construction of paved overruns is necessary to reduce the risk of damage or loss of aircraft and injury to aircrew and passengers as a result of short landings, aborted takeoffs and approach end engagement of aircraft arresting barriers. Both runways at Balad AB are fully operational and used primarily for fixed wing operations. Runway 14/32 is the primary instrument runway for fighter aircraft. Runway 12/30 is used primarily by heavy fixed wing aircraft; there is significant use for fighter aircraft from this surface during weekly closures of runway 14/32, for unplanned spall repair, airfield attacks, and as required for in-flight					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
3. INSTALLATION AND LOCATION  LSA Anaconda, Iraq		
4. PROJECT TITLE  Airfield Overrun	5. PROJECT NUMBER  68613	
<p><u>REQUIREMENT:</u> (CONTINUED) emergency (IFE) response.</p> <p><u>CURRENT SITUATION:</u> There are currently no paved overruns on either runway at Balad AB. The land at the ends of each runway is not graded and is not adequately compacted to prevent damage to aircraft that might depart the paved runway surface. As a result, the distance for stopping out-of-control aircraft is inadequate and there is no factor of safety for aircraft landing short. At current OPSTEMPO, Balad fighter aircraft fly 4 times the annual hours of a similar-sized CONUS-based fighter wing. In Jan 07, the number of fighters operating at Balad will increase by 50%. In addition, the OPSTEMPO for strategic airlift makes Balad the busiest CAF/MAF operation in the world with more than 100K takes offs and landings each year. In the past year, Balad AB experienced an emergency landing on the runway that resulted in the aircraft stuck in the mud and the engine receiving significant damage from FOD. An overrun would have prevented this accident. In the last 3 months, Balad aircraft have declared 98 IFEs (an average of more than 1 per day) the majority of which happen during hours of darkness. Every sortie flown at Balad is flown in combat conditions adding to or resulting in additional challenge for aircrew returning aircraft in IFE condition. The absence of overruns, common fixtures at normal military airfields, adds to the likelihood of aircraft mishap. These are the specific kinds of operating concerns targeted to correct with the LSA Anaconda/Balad AB Master Plan objective of "normalizing airfield operations."</p> <p><u>IMPACT IF NOT PROVIDED:</u> The risk of damage to aircraft and loss of aircrew life increases with each sortie. With the airfield out of compliance with ICAO, UFC 3-260-01, UFC 3-260-02 and AFMAN 32-1013, every aircraft that lands at Balad AB is at risk. The potential for accidents associated with short landings, aborted takeoffs and approach end engagement of aircraft arresting barriers will remain. The risk to aircraft, aircrew, and passengers will escalate as air traffic volume and operations increase at Balad. Disabled aircraft on the runway will delay other sorties and severely limit the combat capability of the base.</p> <p><u>ADDITIONAL:</u> The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.</p>		
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <p>(a) Date Design Started..... NOV 2006</p> <p>(b) Percent Complete As Of January 2006..... .00</p> <p>(c) Date 35% Designed..... OCT 2007</p>		

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
LSA Anaconda, Iraq

4. PROJECT TITLE Airfield Overrun	5. PROJECT NUMBER 68613
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (d) Date Design Complete..... JAN 2008
  - (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..... 403
  - (b) All Other Design Costs.....
  - (c) Total Design Cost..... 403
  - (d) Contract.....
  - (e) In-house..... 403
- (4) Construction Contract Award..... AUG 2007
- (5) Construction Start..... OCT 2007
- (6) Construction Completion..... NOV 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NONE			

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Iraq Various Iraq			4. PROJECT TITLE Life Support Areas, Operational Overwatch			
5. PROGRAM ELEMENT		6. CATEGORY CODE 713	7. PROJECT NUMBER 67406		8. PROJECT COST (\$000) Auth 75,000 Approp 75,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Life Support Areas		EA	18 --		2694444	48,500 (48,500)
<u>SUPPORTING FACILITIES</u> Site Imp( 5,525) Demo( ) Antiterrorism Measures		LS LS	-- --		-- --	15,691 (5,525) (10,166)
ESTIMATED CONTRACT COST						64,191
CONTINGENCY PERCENT (5.00%)						3,210
SUBTOTAL						67,401
SUPV, INSP & OVERHEAD (7.70%)						5,190
DESIGN/BUILD - DESIGN COST						2,696
TOTAL REQUEST						75,287
TOTAL REQUEST (ROUNDED)						75,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct Life Support Areas at multiple locations to house 500 personnel each. Pre-wired containerized and easily relocatable housing in lieu of permanent construction. Units shall be of standard shipping container fabrication, able to be stacked and handled by standard shipping container equipment. Latrine and shower facilities with potable, nonpotable, greywater, and blackwater storage and distribution system. Project includes site preparation, power generation, HVAC units, water and electric utilities, force protection measures, and all other work necessary to provide a complete and useable life support area. Project will comply with standards set forth in CENTCOM Regulation 415-1 "The Sand Book"						
11. REQ:		12,500 PN	ADQT:		NONE	SUBSTD: 12,500 PN
PROJECT: Construct Life Support Areas, Various Locations, Iraq. (Current Mission)						
REQUIREMENT: All troops in Iraq are being consolidated from over 60 bases into eight large bases, many of which already face a shortfall in housing. As units occupy these bases, they will create a critical shortage of housing unless new housing is procured for them. Purchasing containerized housing and life support units which are easily relocatable will allow for future						



1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 02 FEB 2007
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3. INSTALLATION AND LOCATION  
Iraq Various, Iraq

4. PROJECT TITLE Life Support Areas, Operational Overwatch	5. PROJECT NUMBER 67406
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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.....	1,805
(b) All Other Design Costs.....	
(c) Total Design Cost.....	1,805
(d) Contract.....	
(e) In-house.....	1,805
(4) Construction Contract Award.....	JAN 2008
(5) Construction Start.....	FEB 2008
(6) Construction Completion.....	JUN 2009

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
	NONE		

Installation Engineer: LTC Capps  
Phone Number: DSN: 318-822-3846

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Iraq Various Iraq			4. PROJECT TITLE Facilities Replacement		
5. PROGRAM ELEMENT		6. CATEGORY CODE 721	7. PROJECT NUMBER 67595	8. PROJECT COST (\$000) Auth 96,000 Approp 96,000	
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					81,500
Barracks		LS	--	--	(25,000)
Administrative Facility		LS	--	--	(20,000)
Community Support Facilities		LS	--	--	(30,000)
Antiterrorism Measures		LS	--	--	(6,500)
<u>SUPPORTING FACILITIES</u>					700
Remove Existing Structures		LS	--	--	(700)
ESTIMATED CONTRACT COST					82,200
CONTINGENCY PERCENT (5.00%)					4,110
SUBTOTAL					86,310
SUPV, INSP & OVERHEAD (7.70%)					6,646
DESIGN/BUILD - DESIGN COST					3,452
TOTAL REQUEST					96,408
TOTAL REQUEST (ROUNDED)					96,000
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction      Replace initial expeditionary facilities by new construction and construct new life support areas where indicated to support emerging missions. New housing, administrative, and community support facilities of containerized or modular construction. Project includes removal of old structures. All in-place utilities and force protection measures will be reutilized to the maximum extent possible.					
11. REQ:                    15,000 PN    ADQT:                    NONE                    SUBSTD:                    15,000 PN					
PROJECT: Construct Replacement Expeditionary Facilities, Operational Overwatch Bases, Iraq. (Current Mission)					
REQUIREMENT: At the four final Consolidated Operating Bases (COB) in Iraq, there are hundreds of temporary facilities that have outlived their intended useful life. This includes such facilities as dining halls, morale facilities, administrative facilities, and housing areas. This project will replace those aging facilities with new temporary construction that will serve the communities until the projected end of the US presence in country without presenting the politically unfavorable image of a permanent US presence in Iraq. In addition, a new look at the state of these bases will allow some operations to be consolidated, increasing the effective utilization of the					

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Iraq Various, Iraq

4. PROJECT TITLE  Facilities Replacement	5. PROJECT NUMBER  67595
--	--------------------------------

REQUIREMENT: (CONTINUED)  
 facility square footage on base. Where necessary, this project will also provide new facilities to support emerging missions during the Operational Overwatch phase of Operation Iraqi Freedom.  
CURRENT SITUATION: Currently this requirement is being met by temporary facilities that were constructed during the initial stages of Operation Iraqi Freedom. However, these facilities are starting to age and deteriorate to the point where they require constant repair to remain functional. These facilities were designed and constructed with expediency in mind and were only intended for a few years of use. There is not sufficient square footage to support the shifting missions anticipated as the US moves into the operational overwatch phase of Operation Iraqi Freedom.  
IMPACT IF NOT PROVIDED: Without replacement, the bases will continue to rely upon the older structures and experience shortfalls in the number and size of facilities needed. As the older facilities deteriorate with age and exposure to the extreme climate of Iraq, they will continue to eat up facility maintenance dollars. Similar functions will not be able to consolidate, reducing the efficiency of use of the available space on each base.  
ADDITIONAL: This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:	
(a) Date Design Started.....	JAN 2007
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	NOV 2007
(d) Date Design Complete.....	APR 2008
(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.....	2,310
(b) All Other Design Costs.....	
(c) Total Design Cost.....	2,310
(d) Contract.....	



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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 02 FEB 2007	
3. INSTALLATION AND LOCATION Worldwide Various Locations Worldwide Various				4. PROJECT TITLE Grow the Force-Facilities		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68536		8. PROJECT COST (\$000) Auth 250,000 Approp 250,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u> Grow the Force Facilities		LS	--		--	250,000 (250,000)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						250,000
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						250,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						250,000
TOTAL REQUEST (ROUNDED)						250,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction      The Secretary of Defense has recommended a total Army increase of 65,000 Active Component (AC) Soldiers over the next five years. This project addresses those essential facilities required to support the increase in Army strength. Construct facilities such as trainee barracks, operational buildings, etc. Construction also will include site preparation to support the construction of temporary facilities as well as new construction / revitalization of training support facilities and land acquisition.. All supporting infrastructure such as roadways, utilities, site improvements (fencing, walks, curbs, gutters, lighting, etc.) and demolition are included. Antiterrorism measures are included.						
11. REQ:		NA	ADQT:		NA	SUBSTD: NA
<u>PROJECT:</u> Construct facilities such as trainee barracks, operational buildings, etc. Construction also will include site preparation to support the construction of temporary facilities.						
<u>REQUIREMENT:</u> This requirement is needed to support the troop increase requested by the Secretary of Defense. This increase will be accomplished in two ways. First, we plan to permanent the temporary increase of 30,000 for the AC, then build up from that base in annual increments of approximately 7,000						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  02 FEB 2007
3. INSTALLATION AND LOCATION  Worldwide Various Locations, Worldwide Various		
4. PROJECT TITLE  Grow the Force-Facilities	5. PROJECT NUMBER  68536	
<p><u>REQUIREMENT:</u> (CONTINUED)</p> <p>troops until the AC reaches a level of approximately 547,400 by FY 2012. The strategy grows capacity to build strategic and operational depth across the three components to meet Combatant Command requirements; growing Brigade Combat Teams (BCTs) and Maneuver Enhancement (ME) Brigades (Bdes) with essential Combat Support/Combat Service Support (CS/CSS) enablers; rebalancing to mitigate high demand/low density shortfalls; and ensuring adequate Institutional Army capacity to generate &amp; sustain the force. This growth will allow the Army to increase its surge capability. The stationing planning and MILCON projects to support this Army growth is currently being refined. Site specific level of project detail will be provided as soon as possible.</p> <p><u>CURRENT SITUATION:</u> The Army has temporary approval to increase its end strength by 30,000 Soldiers. Currently, the Army does not have sufficient adequate permanent facilities to accommodate the Army's requested growth to approximately 547,000 (AC) Soldier end strength.</p> <p><u>IMPACT IF NOT PROVIDED:</u> The Nation depends on the Army to prosecute the Global War on Terrorism and prepare for future contingencies. The Army will be severely hampered without Congressional support for the funding to "Grow the Force". This requirement supports our mission and our people -- delays have operational and quality of life impacts and consequences. If units are formed without additional facilities being provided, unit operations and maintenance activities will be conducted in severely degraded and austere conditions. There are not sufficient facilities ready to house the additional Brigade Combat Teams. Deployment preparations to the theater of war will be severely impacted due to the need for units to share training space, administrative / operational space, and maintenance facilities.</p> <p><u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction. Joint use potential will be incorporated where feasible. Provisions will be made for persons with disabilities where applicable.</p>		

1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 26 FEB 2007	
3. INSTALLATION AND LOCATION Planning and Design Worldwide Various				4. PROJECT TITLE Planning & Design 07 Supplemental		
5. PROGRAM ELEMENT		6. CATEGORY CODE 000	7. PROJECT NUMBER 67535		8. PROJECT COST (\$000) Auth Approp 175,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						175,600
P&D 3rd Army, CFLCC		LS	--		--	(23,900)
Grow the Force		LS	--		--	(151,700)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						175,600
CONTINGENCY PERCENT (.00 %)						0
SUBTOTAL						175,600
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						175,600
TOTAL REQUEST (ROUNDED)						175,600
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction This item provides for design of major construction projects for Army facilities in conjunction with the US Third Army, Coalition Forces Land Component Command (CFLCC), the Administrative Facility at Ft. Meade, the Site Prep Accelerated BCT project at Ft. Riley, and the Growth of Forces Facilities, worldwide. The \$151.7 million of the total P&D for Grow the Force is based on \$250 million for FY 07 Supplemental, \$1.6 billion for FY 08 base MCA, and \$1.5 billion of the \$3.4 billion for FY 09 base MCA projects .						
11. REQ:		NA	ADQT:		NA	SUBSTD: NA
PROJECT: Planning and design funds.						
REQUIREMENT: This funding is required to provide design and engineering services for Military Construction, Army (MCA) projects. This account is dissimilar to any other line item in the 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) in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of design, correction, review, reproduction and advertisement of projects in the FY 2007 Supplemental						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
3. INSTALLATION AND LOCATION  Planning and Design, Worldwide Various		
4. PROJECT TITLE  Planning & Design 07 Supplemental	5. PROJECT NUMBER  67535	
<p>REQUIREMENT: (CONTINUED)</p> <p>program.</p>		

**FY 2007 Military Construction Supplemental Request**  
**Military Construction, Army**  
**Grow the Force**  
**(\$ in thousands)**

<u>Project Name</u>	<u>Project No.</u>	<u>FY 2007 Request</u>	<u>Page No.</u>
<b>United States</b>			
Colorado Fort Carson			
Unit Operations Facilities	68723	\$18,000	<b>259</b>
Total Fort Carson		\$18,000	
Total Colorado		\$18,000	
Georgia Fort Stewart			
Unit Operations Facilities	68724	\$30,500	<b>263</b>
Total Fort Stewart		\$30,500	
Total Georgia		\$30,500	
Kansas Fort Riley			
Unit Operations Facilities	68716	\$24,000	<b>267</b>
Total Fort Riley		\$24,000	
Total Kansas		\$24,000	
Kentucky Fort Campbell			
Unit Operations Facilities	68712	\$18,000	<b>271</b>
Total Fort Riley		\$18,000	
Total Kentucky		\$18,000	
Missouri Fort Leonard Wood			
Trainee Barracks Complex	68728	\$77,100	<b>275</b>
Total Fort Leonard Wood		\$77,100	
Total Missouri		\$77,100	

**FY 2007 Military Construction Supplemental Request  
 Military Construction, Army  
 Grow the Force  
 (\$ in thousands)**

<u>Project Name</u>	<u>Project No.</u>	<u>FY 2007 Request</u>	<u>Page No.</u>
New York Fort Drum			
Unit Operations Facilities	68720	\$14,600	<b>279</b>
Total Fort Drum		\$14,600	
Total New York		\$14,600	
North Carolina Fort Bragg			
Unit Operations Facilities	68718	\$11,800	<b>283</b>
Total Fort Bragg		\$11,800	
Total North Carolina		\$11,800	
Texas Fort Bliss			
Unit Operations Facilities	68714	\$38,000	<b>287</b>
Total Fort Bliss		\$38,000	
Fort Hood		\$38,000	
Unit Operations Facilities	68670	\$18,000	<b>291</b>
Total Fort Hood		\$18,000	
Total Texas		\$56,000	
<b>Total United States</b>		<b>\$250,000</b>	
<b>Total Military Construction, Army</b>		<b>\$250,000</b>	

1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 26 FEB 2007	
3. INSTALLATION AND LOCATION Fort Carson Colorado				4. PROJECT TITLE Unit Operations Facilities		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68723		8. PROJECT COST (\$000) Auth 18,000 Approp 18,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,753
Battalion Headquarters		m2 (SF)	1,016 (	10,931)	1,881	(1,910)
Company Operations Facilities		m2 (SF)	4,129 (	44,440)	1,548	(6,391)
Covered Hardstand		m2 (SF)	620.96 (	6,684)	570.49	(354)
Organizational Classroom		m2 (SF)	382.30 (	4,115)	1,759	(672)
Deployment Equipment Storage		m2 (SF)	292.64 (	3,150)	914.95	(268)
Total from Continuation page						(2,158)
<u>SUPPORTING FACILITIES</u>						3,720
Electric Service		LS	--	--	--	(348)
Water, Sewer, Gas		LS	--	--	--	(433)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(1,072)
Storm Drainage		LS	--	--	--	(350)
Site Imp( 563) Demo( )		LS	--	--	--	(563)
Information Systems		LS	--	--	--	(904)
Antiterrorism Measures		LS	--	--	--	(50)
ESTIMATED CONTRACT COST						15,473
CONTINGENCY PERCENT (5.00%)						774
SUBTOTAL						16,247
SUPV, INSP & OVERHEAD (5.70%)						926
DESIGN/BUILD - DESIGN COST						650
TOTAL REQUEST						17,823
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct one standard design battalion headquarters, standard design company operations facilities, deployment equipment storage, organizational classroom, and organizational vehicle parking. Project includes connection to the existing installation energy monitoring and control systems (EMCS), intrusion detection system (IDS) for arms rooms, fire alarm detection and reporting system, mass notification system and force protection measures. Supporting facilities include all site preparation; exterior electric and lighting support; storm water drainage; paving, parking, walks, curbs and gutters; information system support to the site; landscaping; and all required support utilities. Anti-terrorism/force protection measures will include design of required facility features and exterior setbacks, a perimeter fence around the facilities, and passive barriers on the site. Comprehensive building and furnishings related to interior design services are required. Access for individuals with disabilities will be provided in public areas. Air Conditioning (Estimated 703 kW/200 Tons).						
11. REQ:		192,917 m2		ADQT:		60,023 m2
PROJECT:		Construct standard design facilities for the battalion headquartes		SUBSTD:		1,762 m2

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Unit Operations Facilities	5. PROJECT NUMBER  68723
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundations	LS	--	--	(336)
Organizational Vehicle Parking	m2 (SY)	13,211 ( 15,800)	71.76	(948)
IDS Installation	LS	--	--	(27)
EMCS Connections	LS	--	--	(55)
Antiterrorism Measures	LS	--	--	(325)
Building Information Systems	LS	--	--	(467)
			Total	2,158

PROJECT: (CONTINUED)  
and company operations at Fort Carson. (New Mission)  
REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the "Grow the Force" (GTF) initiative for the Army. This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units. These units are arriving in FY2008/2009 timeframes and will require operational facilities in order to perform their missions.  
CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives. This project provides essential permanent company and battalion operations facilities and vehicle maintenance facilities to support CS/CSS units to be stationed under GTF.  
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTF initiative and Soldiers will continue to work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.  
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. Provisions will be made for persons with disabilities if applicable. In the event that a utility system is privatized (under 10 USC 2688 or other authority) prior to award of this project or during construction of this project, MILCON funds appropriated for the MILCON project herein may be transferred to the utility privatization contractor involved for the utility infrastructure. Title to the utility infrastructure constructed as a result of this MILCON project may be transferred to the utility privatization contractor notwithstanding any other provision of law.

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Carson, Colorado

4. PROJECT TITLE  Unit Operations Facilities	5. PROJECT NUMBER  68723
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... MAR 2007
    - (b) Percent Complete As Of January 2006..... .00
    - (c) Date 35% Designed..... SEP 2007
    - (d) Date Design Complete..... NOV 2007
    - (e) Parametric Cost Estimating Used to Develop Costs NO
    - (f) Type of Design Contract: Design-build
  
  - (2) Basis:
    - (a) Standard or Definitive Design: YES
    - (b) Where Most Recently Used:  
Fort Carson
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 408
    - (b) All Other Design Costs..... 163
    - (c) Total Design Cost..... 571
    - (d) Contract..... 326
    - (e) In-house..... 245
  
  - (4) Construction Contract Award..... JUL 2007
  
  - (5) Construction Start..... SEP 2007
  
  - (6) Construction Completion..... SEP 2008

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

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>Or Requested</u>	<u>(\$000)</u>
	NA		

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 26 FEB 2007	
3. INSTALLATION AND LOCATION Fort Stewart Georgia				4. PROJECT TITLE Unit Operations Facilities		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68724		8. PROJECT COST (\$000) Auth 30,500 Approp 30,500	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						22,097
Company Operations Facilities		m2 (SF)	5,115 ( 55,058)		1,184	(6,056)
Covered Hardstand		m2 (SF)	743.04 ( 7,998)		484.38	(360)
Vehicle Maintenance Shop		m2 (SF)	5,298 ( 57,031)		1,485	(7,870)
Barracks		m2 (SF)	4,436 ( 47,745)		1,351	(5,992)
Organizational Vehicle Parking		m2 (SY)	16,112 ( 19,270)		57.41	(925)
Total from Continuation page						(894)
<u>SUPPORTING FACILITIES</u>						4,382
Electric Service		LS	--		--	(650)
Water, Sewer, Gas		LS	--		--	(560)
Paving, Walks, Curbs & Gutters		LS	--		--	(850)
Storm Drainage		LS	--		--	(177)
Site Imp( 881) Demo( )		LS	--		--	(881)
Information Systems		LS	--		--	(934)
Antiterrorism Measures		LS	--		--	(330)
ESTIMATED CONTRACT COST						26,479
CONTINGENCY PERCENT (5.00%)						1,324
SUBTOTAL						27,803
SUPV, INSP & OVERHEAD (5.70%)						1,585
DESIGN/BUILD - DESIGN COST						1,112
TOTAL REQUEST						30,500
TOTAL REQUEST (ROUNDED)						30,500
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard design company operations facility (COF) complex for four companies at Fort Stewart. Primary facilities include: company operations facilities, vehicle maintenance shop, organizational parking and barracks. Provide installation of intrusion detection system (IDS), energy monitoring and control system (EMCS) connections, fire alarm detection, reporting systems, mass notification system, automatic building sprinklers, and force protection measures. Supporting facilities include electricity; security lighting; water, sewer, and natural gas services; fire protection; paving, POV parking areas, service roads, walks, curbs and gutters; storm drainage; information systems; lightning protection systems; site improvements and landscaping; information systems and anti-terrorism (AF) measures. AT/FP will be provided by use of setbacks, special windows and doors. Comprehensive building and furnishings related to interior design services are required. Access for individuals with disabilities will be provided in public areas. Air Conditioning (Estimated 879 kW/250 Tons).						
11. REQ:		106,148 m2	ADQT:		15,108 m2	SUBSTD: 34,217 m2
PROJECT: Construct a standard design company operations facility, vehicle						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4. PROJECT TITLE  Unit Operations Facilities	5. PROJECT NUMBER  68724
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
IDS Installation	LS	--	--	(30)
EMCS Connections	LS	--	--	(140)
Antiterrorism Measures	LS	--	--	(520)
Building Information Systems	LS	--	--	(204)
			Total	894

PROJECT: (CONTINUED)

maintenance shop (large), parking and barracks. (New mission).

REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the "Grow the Force" (GTF) initiative for the Army. This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units. These units are arriving in FY2008/2009 timeframes and will require operational facilities in order to perform their missions.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives. This project provides essential permanent company operations facilities and vehicle maintenance facilities to support CS/CSS units to be stationed under GTF.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTF initiative and Soldiers will continue to work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.

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. Provisions will be made for persons with disabilities if applicable. In the event that a utility system is privatized (under 10 USC 2688 or other authority) prior to award of this project or during construction of this project, MILCON funds appropriated for the MILCON project herein may be transferred to the utility privatization contractor involved for the utility infrastructure. Title to the utility infrastructure constructed as a result of this MILCON project may be transferred to the utility privatization contractor notwithstanding any other provision of law.

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Stewart, Georgia

4. PROJECT TITLE  Unit Operations Facilities	5. PROJECT NUMBER  68724
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12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
    - (a) Date Design Started..... MAR 2007
    - (b) Percent Complete As Of January 2006..... .00
    - (c) Date 35% Designed..... SEP 2007
    - (d) Date Design Complete..... NOV 2007
    - (e) Parametric Cost Estimating Used to Develop Costs NO
    - (f) Type of Design Contract: Design-build
  
  - (2) Basis:
    - (a) Standard or Definitive Design: YES
    - (b) Where Most Recently Used:  
Fort Stewart
  
  - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
    - (a) Production of Plans and Specifications..... 693
    - (b) All Other Design Costs..... 277
    - (c) Total Design Cost..... 970
    - (d) Contract..... 554
    - (e) In-house..... 416
  
  - (4) Construction Contract Award..... JUL 2007
  - (5) Construction Start..... SEP 2007
  - (6) Construction Completion..... SEP 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

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1. COMPONENT  ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE  26 FEB 2007	
3. INSTALLATION AND LOCATION Fort Riley Kansas				4. PROJECT TITLE Unit Operations Facilities		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68716		8. PROJECT COST (\$000) Auth 24,000 Approp 24,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						18,890
Barracks		m2 (SF)	5,304 ( 57,096)		1,637	(8,684)
Company Operations Facilities		m2 (SF)	2,795 ( 30,082)		1,402	(3,919)
Covered Hardstand		m2 (SF)	432.56 ( 4,656)		559.72	(242)
Vehicle Maintenance Shop		m2 (SF)	1,672 ( 18,000)		2,034	(3,402)
Organizational Vehicle Parking		m2 (SY)	9,030 ( 10,800)		95.68	(864)
Total from Continuation page						(1,779)
<u>SUPPORTING FACILITIES</u>						2,363
Electric Service		LS	--		--	(424)
Water, Sewer, Gas		LS	--		--	(258)
Paving, Walks, Curbs & Gutters		LS	--		--	(646)
Storm Drainage		LS	--		--	(142)
Site Imp( 739) Demo( )		LS	--		--	(739)
Information Systems		LS	--		--	(120)
Antiterrorism Measures		LS	--		--	(34)
ESTIMATED CONTRACT COST						21,253
CONTINGENCY PERCENT (5.00%)						1,063
SUBTOTAL						22,316
SUPV, INSP & OVERHEAD (5.70%)						1,272
DESIGN/BUILD - DESIGN COST						893
TOTAL REQUEST						24,481
TOTAL REQUEST (ROUNDED)						24,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct Unit Operations Facilities consisting of company operations facilities, vehicle maintenance facility, and barracks. Supporting facilities include site utilities; electric service; security lighting; fire protection and alarm system; paving, walks, curbs, and gutters, parking and site improvements; storm drainage; and information systems. Heating and air conditioning will be provided by self-contained systems. Include special foundations, connection to Energy Monitoring and Control System (EMCS) and installation of Intrusion Detection System (IDS). Anti-Terrorism/Force Protection (AT/FP) measures include blast resistant windows and doors, architectural reinforcement, mass notification, HVAC controls, conduit for security systems, and general structural reinforcements, etc. within five feet of the facility. Site AT/FP measures include vehicle barriers, bollards, force protection lights, barrier and wall landscaping provided outside five feet of the facility. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided in public areas Air Conditioning (Estimated 879 kWr/250 Tons).						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Riley, Kansas

4. PROJECT TITLE  Unit Operations Facilities	5. PROJECT NUMBER  68716
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Special Foundations	LS	--	--	(845)
IDS Installation	LS	--	--	(14)
EMCS Connections	LS	--	--	(56)
Antiterrorism Measures	LS	--	--	(549)
Building Information Systems	LS	--	--	(315)
			Total	1,779

11. REQ: 158,404 m2 ADQT: 51,244 m2 SUBSTD: NONE  
PROJECT: Construct standard design barracks, operation facilities and and vehicle maintenance facilities at Fort Riley, KS (New Mission)  
REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the "Grow the Force" (GTF) initiative for the Army. This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units. These units are arriving in FY2008/2009 timeframes and will require operational facilities in order to perform their missions.  
CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives. This project provides essential permanent barracks, company operations facilities and vehicle maintenance facilities to support CS/CSS units to be stationed under GTF.  
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTF initiative and Soldiers will continue to work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.  
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. Provisions will be made for persons with disabilities if applicable. In the event that a utility system is privatized (under 10 USC 2688 or other authority) prior to award of this project or during construction of this project, MILCON funds appropriated for the MILCON project herein may be transferred to the utility privatization contractor involved for the utility infrastructure. Title to the utility infrastructure constructed as a result of this MILCON project may be transferred to the utility privatization contractor notwithstanding any other

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 26 FEB 2007
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3. INSTALLATION AND LOCATION  
Fort Riley, Kansas

4. PROJECT TITLE Unit Operations Facilities	5. PROJECT NUMBER 68716
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ADDITIONAL: (CONTINUED)

provision of law.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAR 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... SEP 2007
  - (d) Date Design Complete..... NOV 2007
  - (e) Parametric Cost Estimating Used to Develop Costs NO
  - (f) Type of Design Contract: Design-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:  
Fort Riley
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 545
  - (b) All Other Design Costs..... 218
  - (c) Total Design Cost..... 763
  - (d) Contract..... 436
  - (e) In-house..... 327
  
- (4) Construction Contract Award..... JUL 2007
  
- (5) Construction Start..... SEP 2007
  
- (6) Construction Completion..... SEP 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 26 FEB 2007	
3. INSTALLATION AND LOCATION Fort Campbell Kentucky				4. PROJECT TITLE Unit Operations Facilities		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68712		8. PROJECT COST (\$000) Auth 18,000 Approp 18,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,058
Company Operations Facilities		m2 (SF)	4,129 ( 44,440)		1,367	(5,644)
Covered Hardstand		m2 (SF)	620.96 ( 6,684)		538.20	(334)
Vehicle Maintenance Shop		m2 (SF)	3,279 ( 35,290)		1,851	(6,070)
Organizational Vehicle Parking		m2 (SY)	9,009 ( 10,775)		69.37	(625)
IDS Installation		LS	--		--	(21)
Total from Continuation page						(364)
<u>SUPPORTING FACILITIES</u>						2,491
Electric Service		LS	--		--	(314)
Water, Sewer, Gas		LS	--		--	(294)
Paving, Walks, Curbs & Gutters		LS	--		--	(518)
Storm Drainage		LS	--		--	(250)
Site Imp( 645) Demo( )		LS	--		--	(645)
Information Systems		LS	--		--	(316)
Antiterrorism Measures		LS	--		--	(154)
ESTIMATED CONTRACT COST						15,549
CONTINGENCY PERCENT (5.00%)						777
SUBTOTAL						16,326
SUPV, INSP & OVERHEAD (5.70%)						931
DESIGN/BUILD - DESIGN COST						653
TOTAL REQUEST						17,910
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct standard design company operations and vehicle maintenance facilities. The project will include company operation facilities, a vehicle maintenance shop (medium), intrusion detection system (IDS) installation, energy monitoring and control system (EMCS) connections, antiterrorism measures and building information systems. Supporting facilities include electric, water, sewer and gas lines; walks and parking; storm drainage; site clearing and grading. Antiterrorism measures will be provided. Access for the disabled will be provided. Comprehensive building and furnishings related interior design services are required. Air Conditioning (Estimated 53 kW/15 Tons).						
11. REQ:		250,961 m2	ADQT: 100,563 m2		SUBSTD:	11,396 m2
PROJECT: Construct standard design company operations and vehicle maintenance facilities. (New mission)						
REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the "Grow the Force" (GTF) initiative for the Army. This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Campbell, Kentucky

4. PROJECT TITLE  Unit Operations Facilities	5. PROJECT NUMBER  68712
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connections	LS	--	--	(40)
Antiterrorism Measures	LS	--	--	(195)
Building Information Systems	LS	--	--	(129)
			Total	364

REQUIREMENT: (CONTINUED)

Support/Combat Service Support (CS/CSS) units. These units are arriving in FY2008/2009 timeframes and will require operational facilities in order to perform their missions.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives. This project provides essential permanent company operations and vehicle maintenance facilities to support CS/CSS units to be stationed under GTF.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTF initiative and Soldiers will continue to work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.

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. Provisions will be made for persons with disabilities if applicable. In the event that a utility system is privatized (under 10 USC 2688 or other authority) prior to award of this project or during construction of this project, MILCON funds appropriated for the MILCON project herein may be transferred to the utility privatization contractor involved for the utility infrastructure. Title to the utility infrastructure constructed as a result of this MILCON project may be transferred to the utility privatization contractor notwithstanding any other provision of law.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	MAR 2007
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	SEP 2007
(d) Date Design Complete.....	NOV 2007
(e) Parametric Cost Estimating Used to Develop Costs	NO

1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 26 FEB 2007
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3. INSTALLATION AND LOCATION  
Fort Campbell, Kentucky

4. PROJECT TITLE Unit Operations Facilities	5. PROJECT NUMBER 68712
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(f) Type of Design Contract: Design-build

(2) Basis:

(a) Standard or Definitive Design: YES

(b) Where Most Recently Used:  
Fort Campbell

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

(a) Production of Plans and Specifications.....	415
(b) All Other Design Costs.....	166
(c) Total Design Cost.....	581
(d) Contract.....	332
(e) In-house.....	249

(4) Construction Contract Award..... JUL 2007

(5) Construction Start..... SEP 2007

(6) Construction Completion..... SEP 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 26 FEB 2007	
3. INSTALLATION AND LOCATION Fort Leonard Wood Missouri			4. PROJECT TITLE Trainee Barracks Complex			
5. PROGRAM ELEMENT 85796A	6. CATEGORY CODE 721	7. PROJECT NUMBER 68728		8. PROJECT COST (\$000) Auth 77,100 Approp 77,100		
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						55,036
Barracks/Company Operations		m2 (SF)	28,800 ( 310,000)		1,679	(48,360)
BN Headquarters & Classrooms		m2 (SF)	2,111 ( 22,725)		1,744	(3,681)
Communication Support Bldg		m2 (SF)	139.35 ( 1,500)		2,348	(327)
Running Track		EA	1 --		138,426	(138)
IDS Installation		LS	--		--	(27)
Total from Continuation page						(2,503)
<u>SUPPORTING FACILITIES</u>						11,900
Electric Service		LS	--		--	(2,886)
Water, Sewer, Gas		LS	--		--	(862)
Steam And/Or Chilled Water Dist		LS	--		--	(2,657)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,270)
Storm Drainage		LS	--		--	(347)
Site Imp( 2,772) Demo( )		LS	--		--	(2,772)
Information Systems		LS	--		--	(308)
Antiterrorism Measures		LS	--		--	(798)
ESTIMATED CONTRACT COST						66,936
CONTINGENCY PERCENT (5.00%)						3,347
SUBTOTAL						70,283
SUPV, INSP & OVERHEAD (5.70%)						4,006
DESIGN/BUILD - DESIGN COST						2,811
TOTAL REQUEST						77,100
TOTAL REQUEST (ROUNDED)						77,100
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct a standard-design, battalion-size, trainee barracks complex for 1200 trainees. Facility includes open-bay billeting space, five company operations, classrooms space, covered training areas, battalion headquarters, and running track. Connect energy monitoring and control detection system (EMCS). Supporting facilities include: utilities, electric service, street lighting, fire protection and alarm systems, sprinkler system, paving, walks, curbs and gutters, parking and access roads, storm drainage, sanitary sewer, troop formation area, exterior signage, information systems, underground fuel tank removal and site improvements. Heating and hot water will be provided by modular gas boilers. Comprehensive building and furnishings related interior design services are required. Provide for installation of a central monitoring network with intrusion detection system (IDS). Access for persons with disabilities will be provided in public areas. Antiterrorism/Force protection measures include security lighting, landscaping, barriers, blast berms, and structural/window enhancement. Air Conditioning (Estimated 2,954 kW/840 Tons).						
11. REQ:		10,560 PN	ADQT:	1,200 PN	SUBSTD:	7,920 PN
PROJECT: Construct a battalion-sized trainee barracks complex for 1200						



1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Leonard Wood, Missouri

4. PROJECT TITLE  Trainee Barracks Complex	5. PROJECT NUMBER  68728
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (d) Date Design Complete..... NOV 2007
- (e) Parametric Cost Estimating Used to Develop Costs NO
- (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Fort Leonard Wood

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

- (a) Production of Plans and Specifications..... 1,757
- (b) All Other Design Costs..... 703
- (c) Total Design Cost..... 2,460
- (d) Contract..... 1,406
- (e) In-house..... 1,054

(4) Construction Contract Award..... AUG 2007

(5) Construction Start..... OCT 2007

(6) Construction Completion..... MAR 2009

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

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
		<u>Or Requested</u>	<u>(\$000)</u>

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 26 FEB 2007	
3. INSTALLATION AND LOCATION Fort Drum New York				4. PROJECT TITLE Unit Operations Facilities		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68720		8. PROJECT COST (\$000) Auth 14,600 Approp 14,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						10,889
Battalion Headquarters		m2 (SF)	1,016 ( 10,931)		1,943	(1,973)
Company Operations Facilities		m2 (SF)	2,242 ( 24,128)		1,528	(3,424)
Covered Hardstand		m2 (SF)	310.48 ( 3,342)		602.78	(187)
Organizational Classroom		m2 (SF)	382.30 ( 4,115)		1,722	(658)
Vehicle Maintenance Shop		m2 (SF)	1,672 ( 18,000)		1,991	(3,330)
Total from Continuation page						(1,317)
<u>SUPPORTING FACILITIES</u>						1,871
Electric Service		LS	--		--	(294)
Water, Sewer, Gas		LS	--		--	(539)
Paving, Walks, Curbs & Gutters		LS	--		--	(535)
Storm Drainage		LS	--		--	(70)
Site Imp( 185) Demo( )		LS	--		--	(185)
Information Systems		LS	--		--	(208)
Antiterrorism Measures		LS	--		--	(40)
ESTIMATED CONTRACT COST						12,760
CONTINGENCY PERCENT (5.00%)						638
SUBTOTAL						13,398
SUPV, INSP & OVERHEAD (5.70%)						764
DESIGN/BUILD - DESIGN COST						536
TOTAL REQUEST						14,698
TOTAL REQUEST (ROUNDED)						14,600
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct standard design operations facilities. Primary facilities include a battalion headquarters with classrooms, company operations facility with administration space, covered hardstand and company readiness modules, vehicle maintenance shop, deployment equipment storage facility, oil storage and hardstand parking for organizational vehicles. Information systems, fire protection systems and fire alarm control system will be included in the facilities as required. Work will include installation of intrusion detection system (IDS) and connection to energy monitoring and control system (EMCS). Supporting facilities include water, sewer, electric, gas, paving, walkways, storm drainage, POV parking, and site improvements. Antiterrorism/force protection (AT/FP) measures include laminated glass windows with blast resistant frames, security lighting, and site security measures. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided in public areas. Air Conditioning (Estimated 35 kW/10 Tons).						
11. REQ:		136,788 m2	ADQT:		37,606 m2	SUBSTD: 2,903 m2
PROJECT: Construct standard design operations and maintenance facilities.(New mission).						



1. COMPONENT ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 26 FEB 2007
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3. INSTALLATION AND LOCATION

Fort Drum, New York

4. PROJECT TITLE Unit Operations Facilities	5. PROJECT NUMBER 68720
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12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAR 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... SEP 2007
  - (d) Date Design Complete..... NOV 2007
  - (e) Parametric Cost Estimating Used to Develop Costs NO
  - (f) Type of Design Contract: Design-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:  
Fort Drum
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 334
  - (b) All Other Design Costs..... 133
  - (c) Total Design Cost..... 467
  - (d) Contract..... 266
  - (e) In-house..... 201
  
- (4) Construction Contract Award..... JUL 2007
- (5) Construction Start..... SEP 2007
- (6) Construction Completion..... SEP 2008

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
NA			

Installation Engineer: JAMES W. CORRIVEAU  
Phone Number: 315-772-5371

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1. COMPONENT <b>ARMY</b>		FY 2007 <b>MILITARY CONSTRUCTION PROJECT DATA</b>			2. DATE 26 FEB 2007	
3. INSTALLATION AND LOCATION Fort Bragg North Carolina				4. PROJECT TITLE Unit Operations Facilities		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68718		8. PROJECT COST (\$000) Auth                    11,800 Approp                11,800	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,617
Company Operations Facilities		m2 (SF)	4,129 ( 44,440)		1,119	(4,622)
Covered Hardstand		m2 (SF)	620.96 ( 6,684)		484.38	(301)
Vehicle Maintenance Shop		m2 (SF)	1,672 ( 18,000)		1,453	(2,430)
Organizational Vehicle Parking		m2 (SY)	17,869 ( 21,371)		46.64	(833)
IDS Installation		LS	--		--	(21)
Total from Continuation page						(410)
<u>SUPPORTING FACILITIES</u>						1,640
Electric Service		LS	--		--	(131)
Water, Sewer, Gas		LS	--		--	(49)
Paving, Walks, Curbs & Gutters		LS	--		--	(47)
Storm Drainage		LS	--		--	(104)
Site Imp( 102) Demo( 189)		LS	--		--	(291)
Information Systems		LS	--		--	(922)
Antiterrorism Measures		LS	--		--	(96)
ESTIMATED CONTRACT COST						10,257
CONTINGENCY PERCENT (5.00%)						513
SUBTOTAL						10,770
SUPV, INSP & OVERHEAD (5.70%)						614
DESIGN/BUILD - DESIGN COST						431
TOTAL REQUEST						11,815
TOTAL REQUEST (ROUNDED)						11,800
INSTALLED EQT-OTHER APPROP						(1,604)
10. Description of Proposed Construction      Construct a standard design company operations facility with covered hardstand, vehicle maintenance shop and organizational parking. Facilities will include administrative areas, arms storage vaults, vehicle maintenance bays and hard stand, connection to energy monitoring and control systems (EMCS), mass notification systems and installation of intrusion detection systems (IDS). Supporting facilities will include water, sewer, and electrical utilities, storm water drainage and retention, fire protection and alarm system, security lighting, fencing and gates, paving, sidewalks, curbs and gutters, information systems, force protection measures, site improvements and landscaping. Comprehensive building and furnishings related interior design services are required. Access for persons with disabilities will be provided in public areas. Demolish 5 Buildings (TOTAL 2,193 m2/23,600 SF). Air Conditioning (Estimated 475 kW <sub>r</sub> /135 Tons).						
11. REQ:		344,688 m2	ADQT: 132,084 m2		SUBSTD:	19,429 m2
PROJECT: Construct Operations Facilities. (New Mission).						
REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the "Grow the Force" (GTF) initiative for the Army. This project supports "Echelons Above Brigade" (EAB)						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Unit Operations Facilities	5. PROJECT NUMBER  68718
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
EMCS Connections	LS	--	--	(40)
Antiterrorism Measures	LS	--	--	(170)
Building Information Systems	LS	--	--	(200)
			Total	410

REQUIREMENT: (CONTINUED)

units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units. These units are arriving in FY2008/2009 timeframes and will require operational facilities in order to perform their missions.

CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives. This project provides essential permanent company operations facilities and vehicle maintenance facilities to support CS/CSS units to be stationed under GTF.

IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTF initiative and Soldiers will continue to work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.

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. Provisions will be made for persons with disabilities if applicable. In the event that a utility system is privatized (under 10 USC 2688 or other authority) prior to award of this project or during construction of this project, MILCON funds appropriated for the MILCON project herein may be transferred to the utility privatization contractor involved for the utility infrastructure. Title to the utility infrastructure constructed as a result of this MILCON project may be transferred to the utility privatization contractor notwithstanding any other provision of law.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.....	MAR 2007
(b) Percent Complete As Of January 2006.....	.00
(c) Date 35% Designed.....	SEP 2007

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Bragg, North Carolina

4. PROJECT TITLE  Unit Operations Facilities	5. PROJECT NUMBER  68718
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12. SUPPLEMENTAL DATA: (Continued)

- A. Estimated Design Data: (Continued)
- (d) Date Design Complete..... NOV 2007
  - (e) Parametric Cost Estimating Used to Develop Costs NO
  - (f) Type of Design Contract: Design-build
  - (g) An energy study and life cycle cost analysis will be documented during the final design.
- (2) Basis:
- (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:  
Fort Bragg
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 290
  - (b) All Other Design Costs..... 116
  - (c) Total Design Cost..... 406
  - (d) Contract..... 232
  - (e) In-house..... 174
- (4) Construction Contract Award..... JUL 2007
- (5) Construction Start..... SEP 2007
- (6) Construction Completion..... SEP 2008

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
5 COFs		2008	1,367
Classroom		2008	112
Info Sys - ISC	OPA	2013	125
		TOTAL	<u>1,604</u>

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1. COMPONENT ARMY		FY 2007 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 26 FEB 2007	
3. INSTALLATION AND LOCATION Fort Bliss Texas				4. PROJECT TITLE Unit Operations Facilities		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68714		8. PROJECT COST (\$000) Auth 38,000 Approp 38,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						23,722
Battalion Headquarters		m2 (SF)	1,016 ( 10,931)		1,787	(1,815)
Organizational Classroom		m2 (SF)	382.30 ( 4,115)		1,561	(597)
Company Operations Facilities		m2 (SF)	6,789 ( 73,076)		1,507	(10,231)
Covered Hardstand		m2 (SF)	1,020 ( 10,983)		699.66	(714)
Vehicle Maintenance Shop		m2 (SF)	3,279 ( 35,290)		1,938	(6,352)
Total from Continuation page						(4,013)
<u>SUPPORTING FACILITIES</u>						8,892
Electric Service		LS	--		--	(1,181)
Water, Sewer, Gas		LS	--		--	(1,025)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,944)
Storm Drainage		LS	--		--	(742)
Site Imp( 880) Demo( 146)		LS	--		--	(1,026)
Information Systems		LS	--		--	(1,174)
Antiterrorism Measures		LS	--		--	(1,800)
ESTIMATED CONTRACT COST						32,614
CONTINGENCY PERCENT (5.00%)						1,631
SUBTOTAL						34,245
SUPV, INSP & OVERHEAD (5.70%)						1,952
DESIGN/BUILD - DESIGN COST						1,370
TOTAL REQUEST						37,567
TOTAL REQUEST (ROUNDED)						38,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction Construct standard design Operations and Maintenance Facilities. Primary facilities include one Battalion Headquarters with classrooms and Company Operation facilities with covered hardstand, vehicle maintenance shop, deployment equipment storage, and organizational parking. Work includes building information systems, installation of intrusion detection systems (IDS), connection to energy monitoring and control systems (EMCS), fire/smoke detection and alarm systems and connections to installation central systems. Fire suppression systems will be included. Building antiterrorism measures will include, but not limited to, interior sway bracing, blast resistant windows and exterior door glass and mass notification systems. Heating and air conditioning will be provided by self contained units. Supporting facilities include connections to all required utilities, paving for access roads/POV parking, walks, curbs and gutters, fencing, storm water management structures, landscaping and site work. Site antiterrorism measures will include, but not limited to, building orientation and standoff distances, access/ vehicle control, fencing, security lighting, bollards and planters. Comprehensive building and furnishings related interior design services are required. Access for individuals with disabilities will be provided in public areas. Air Conditioning (Estimated 320 Tons).						

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Unit Operations Facilities	5. PROJECT NUMBER  68714
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Deployment Equipment Storage	m2 (SF)	585.29 ( 6,300)	925.69	(542)
Organizational Vehicle Parking	m2 (SY)	23,997 ( 28,700)	84.92	(2,038)
IDS Installation	LS	--	--	(100)
EMCS Connections	LS	--	--	(250)
Antiterrorism Measures	LS	--	--	(350)
Building Information Systems	LS	--	--	(733)
			Total	4,013

11. REQ: 105,036 m2 ADQT: 51,984 m2 SUBSTD: 3,770 m2  
PROJECT: Construct Unit Operations and Maintenance Facilities. (New Mission)  
REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the "Grow the Force" (GTF) initiative for the Army. This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units. These units are arriving in FY2008/2009 timeframes and will require operational facilities in order to perform their missions.  
CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives. This project provides essential permanent company and battalion operations facilities and vehicle maintenance facilities to support CS/CSS units to be stationed under GTF.  
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTF initiative and Soldiers will continue to work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.  
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. Provisions will be made for persons with disabilities if applicable. In the event that a utility system is privatized (under 10 USC 2688 or other authority) prior to award of this project or during construction of this project, MILCON funds appropriated for the MILCON project herein may be transferred to the utility privatization contractor involved for the utility infrastructure. Title to the utility infrastructure constructed as a result of this MILCON project may be transferred to the utility privatization contractor notwithstanding any other

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Bliss, Texas

4. PROJECT TITLE  Unit Operations Facilities	5. PROJECT NUMBER  68714
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ADDITIONAL: (CONTINUED)  
provision of law.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
  - (a) Date Design Started..... MAR 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... SEP 2007
  - (d) Date Design Complete..... NOV 2007
  - (e) Parametric Cost Estimating Used to Develop Costs NO
  - (f) Type of Design Contract: Design-build
  
- (2) Basis:
  - (a) Standard or Definitive Design: YES
  - (b) Where Most Recently Used:  
Fort Bliss
  
- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
  - (a) Production of Plans and Specifications..... 856
  - (b) All Other Design Costs..... 342
  - (c) Total Design Cost..... 1,198
  - (d) Contract..... 684
  - (e) In-house..... 514
  
- (4) Construction Contract Award..... AUG 2007
- (5) Construction Start..... OCT 2007
- (6) Construction Completion..... MAR 2009

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

<u>Equipment</u> <u>Nomenclature</u>	<u>Procuring</u> <u>Appropriation</u>	<u>Fiscal Year</u> <u>Appropriated</u> <u>Or Requested</u>	<u>Cost</u> <u>(\$000)</u>
	NA		

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1. COMPONENT  ARMY		FY 2007      MILITARY CONSTRUCTION PROJECT DATA			2. DATE  26 FEB 2007	
3. INSTALLATION AND LOCATION Fort Hood Texas				4. PROJECT TITLE Unit Operations Facilities		
5. PROGRAM ELEMENT 22096A		6. CATEGORY CODE 141	7. PROJECT NUMBER 68670		8. PROJECT COST (\$000) Auth                    18,000 Approp                18,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,049
Company Operations Facilities		m2 (SF)	4,129 ( 44,440)		1,316	(5,435)
Covered Hardstand		m2 (SF)	620.96 ( 6,684)		516.67	(321)
Vehicle Maintenance Shop		m2 (SF)	3,279 ( 35,290)		1,493	(4,896)
Organizational Vehicle Parking		m2 (SY)	25,920 ( 31,000)		57.36	(1,487)
Deployment Equipment Storage		m2 (SF)	334.45 ( 3,600)		626.89	(210)
Total from Continuation page						(700)
<u>SUPPORTING FACILITIES</u>						2,558
Electric Service		LS	--		--	(187)
Water, Sewer, Gas		LS	--		--	(136)
Paving, Walks, Curbs & Gutters		LS	--		--	(656)
Storm Drainage		LS	--		--	(149)
Site Imp( 659) Demo( 94)		LS	--		--	(753)
Information Systems		LS	--		--	(564)
Antiterrorism Measures		LS	--		--	(113)
ESTIMATED CONTRACT COST						15,607
CONTINGENCY PERCENT (5.00%)						780
SUBTOTAL						16,387
SUPV, INSP & OVERHEAD (5.70%)						934
DESIGN/BUILD - DESIGN COST						655
TOTAL REQUEST						17,976
TOTAL REQUEST (ROUNDED)						18,000
INSTALLED EQT-OTHER APPROP						( )
10. Description of Proposed Construction      Construct standard design company operations and vehicle maintenance facilities. Primary facilities include Company Operations with covered hardstand, Vehicle maintenance shop, organizational parking, deployment equipment storage, oil storage, and fire protection and fire alarm systems, installation of intrusion detection systems (IDS), and energy monitoring and control system (EMCS) connections. Supporting facilities include electrical, water, sanitary sewer, and gas utilities; exterior lighting; fencing, paving, walks, curbs and gutters; storm drainage; information systems; road construction; landscaping and site improvements. Special foundation work is required due to expansive soils. Heating will be provided by self-contained systems. Anti-terrorism / Force Protection (AT/FP) will be provided by structural reinforcement, special windows and doors, high curbing, and other site measures to secure perimeter and maintain stand-off distances. Access for persons with disabilities will be provided in public areas. Comprehensive interior and furnishings related design services are required. Building and pavement demolition includes asbestos, lead based paint, and other hazardous material abatement. Demolish 3 Buildings (TOTAL 793 m2/8,539 SF). Air Conditioning (Estimated 774 kW/220 Tons).						

1. COMPONENT	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		26 FEB 2007

3. INSTALLATION AND LOCATION  
Fort Hood, Texas

4. PROJECT TITLE	5. PROJECT NUMBER
Unit Operations Facilities	68670

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Oil Storage Building	m2 (SF)	44.59 ( 480)	795.29	(35)
IDS Installation	LS	--	--	(8)
EMCS Connections	LS	--	--	(50)
Antiterrorism Measures	LS	--	--	(210)
Building Information Systems	LS	--	--	(397)
			Total	700

11. REQ: 312,889 m2 ADQT: 165,261 m2 SUBSTD: 30,988 m2  
PROJECT: Construct standard design company operations and vehicle maintenance facilities. (New Mission)  
REQUIREMENT: This requirement is needed to support the troop increase requested by the Secretary of Defense as part of the "Grow the Force" (GTF) initiative for the Army. This project supports "Echelons Above Brigade" (EAB) units to be stationed at this installation as part of the increase in permanent end strength of the Army. EAB's consist of essential Combat Support/Combat Service Support (CS/CSS) units. These units are arriving in FY2008/2009 timeframes and will require operational facilities in order to perform their missions.  
CURRENT SITUATION: All existing adequate facilities are being fully utilized to support current operations as well as Army Modularity and Global Defense Posture Realignment (GDPR) initiatives. This project provides essential permanent company operations facilities and vehicle maintenance facilities to support CS/CSS units to be stationed under GTF.  
IMPACT IF NOT PROVIDED: If this project is not provided, there will not be sufficient adequate permanent facilities to support the GTF initiative and Soldiers will continue to work out of temporary and/or relocatable buildings which have limited operational capabilities and limited useful life expectancies.  
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. Provisions will be made for persons with disabilities if applicable. In the event that a utility system is privatized (under 10 USC 2688 or other authority) prior to award of this project or during construction of this project, MILCON funds appropriated for the MILCON project herein may be transferred to the utility privatization contractor involved for the utility infrastructure. Title to the utility infrastructure constructed as a result of this MILCON project may be transferred to the utility privatization contractor notwithstanding any other

1. COMPONENT  ARMY	FY 2007 MILITARY CONSTRUCTION PROJECT DATA	2. DATE  26 FEB 2007
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3. INSTALLATION AND LOCATION  
  
Fort Hood, Texas

4. PROJECT TITLE  Unit Operations Facilities	5. PROJECT NUMBER  68670
--	--------------------------------

ADDITIONAL: (CONTINUED)  
provision of law.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

- (1) Status:
- (a) Date Design Started..... MAR 2007
  - (b) Percent Complete As Of January 2006..... .00
  - (c) Date 35% Designed..... SEP 2007
  - (d) Date Design Complete..... NOV 2007
  - (e) Parametric Cost Estimating Used to Develop Costs \_\_\_\_\_ NO
  - (f) Type of Design Contract: Design-build

(2) Basis:

- (a) Standard or Definitive Design: YES
- (b) Where Most Recently Used:  
Fort Hood

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
- (a) Production of Plans and Specifications..... 429
  - (b) All Other Design Costs..... 172
  - (c) Total Design Cost..... 601
  - (d) Contract..... 344
  - (e) In-house..... 257

(4) Construction Contract Award..... JUL 2007

(5) Construction Start..... SEP 2007

(6) Construction Completion..... SEP 2008

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

<u>Equipment</u>	<u>Procuring</u>	<u>Fiscal Year</u>	<u>Cost</u>
<u>Nomenclature</u>	<u>Appropriation</u>	<u>Appropriated</u>	<u>Or Requested</u>
			<u>(\$000)</u>

NA

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