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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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Summary by Category

Category – Military Construction

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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 Department's 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)

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### Military Construction, Army

($ in thousands)

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</table>
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 902nd 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.
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.

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**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.
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.
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.
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.
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.
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.
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.
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.
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.
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.

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**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.

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**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.
**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.
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.
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.
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.
**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: 60
   - (c) Total Design Cost: 60
   - (d) Contract: 60
   - (e) In-house: 60
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:

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year Appropriated Or Requested</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>
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.
**Components:**

<table>
<thead>
<tr>
<th>Component</th>
<th>FY 2007</th>
<th>Military Construction Project Data</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Army</td>
<td></td>
<td></td>
<td>02 FEB 2007</td>
</tr>
</tbody>
</table>

**Installation and Location**

| Fort Meade, Maryland |

**Project Title**

| Administrative Facility |

**Project Number**

| 68172 |

**Description of Proposed Construction:**

(Continued)

(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).

**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,
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
3. INSTALLATION AND LOCATION

Fort Meade, Maryland

4. PROJECT TITLE

Administrative Facility

5. PROJECT NUMBER

68172

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 ........... 1,607
(b) All Other Design Costs ............................. 283
(c) Total Design Cost ................................. 1,890
(d) Contract ........................................... 1,512
(e) In-house ............................................ 378

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

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

(6) Construction Completion ........................... MAR 2009

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year</th>
<th>Appropriated Or Requested ($000)</th>
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Installation Engineer: Clyde Reynolds
Phone Number: 301-677-9560
1. COMPONENT

2. DATE

3. INSTALLATION AND LOCATION

4. PROJECT TITLE

Army

5. PROGRAM ELEMENT

6. CATEGORY CODE

7. PROJECT NUMBER

8. PROJECT COST ($000)

9. COST ESTIMATES

10. DESCRIPTION OF PROPOSED CONSTRUCTION

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.
REQUIREMENT: 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.

CURRENT SITUATION: 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 verses 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.

IMPACT IF NOT PROVIDED: Bagrams entire bulk fuel storage capacity will
<table>
<thead>
<tr>
<th>4. PROJECT TITLE</th>
<th>5. PROJECT NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bulk Fuel Storage, Phase 1</td>
<td>67384</td>
</tr>
</tbody>
</table>

**IMPACT IF NOT PROVIDED: (CONTINUED)**

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 on by the closure 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. The Air Force will continue to consume time and resources maintaining a “temporary” fuel farm consisting of bladders, blivets, and hoses that are replaced frequently.

**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 development, design and construction of the project. Joint use potential will be incorporated where feasible. 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.

### 12. SUPPLEMENTAL DATA:

**A. Estimated Design Data:**

1. **Status:**
   (a) Date Design Started: FEB 2007
   (b) Percent Complete As Of January 2006: 0.00
   (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: 225
   (b) All Other Design Costs: 225
   (c) Total Design Cost: 225
   (d) Contract: 225
   (e) In-house: 225
Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
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.
REQUIREMENT: 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.

CURRENT SITUATION: 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 Planning List (MPPL) Conference.

IMPACT IF NOT PROVIDED: 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
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
Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040

<table>
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<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
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<th>Cost ($000)</th>
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</thead>
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### Project Title

WWTP and Sewer Collection

### Project Number

831 62839

### Cost Estimates

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<tr>
<th>Item Description</th>
<th>Unit (M/E)</th>
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<th>Unit Cost</th>
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### Estimated Contract Cost

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<td>Supv, Ins &amp; Overhead (7.70%)</td>
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<tr>
<td>Design/Build - Design Cost</td>
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<td>Total Request</td>
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<tr>
<td>Total Request (Rounded)</td>
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### 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.
**COMPONENT** | **DATE**
--- | ---
ARMY | 02 FEB 2007

**INSTALLATION AND LOCATION**

Bagram Air Base, Afghanistan

**PROJECT TITLE**

WWTP and Sewer Collection

**PROJECT NUMBER**

62839

**REQUIREMENT:** (CONTINUED)

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.

**CURRENT SITUATION:** 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.

**IMPACT IF NOT PROVIDED:** 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&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.

**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 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
### Installation and Location

Bagram Air Base, Afghanistan

### Project Title

WWTP and Sewer Collection

### Project Number

62839

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**Additional:**

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.

### Supplemental Data:

**A. Estimated Design Data:**

1. **Status:**
   - (a) Date Design Started: FEB 2007
   - (b) Percent Complete As Of January 2006: 0.00%
   - (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):**
   - (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
3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4. PROJECT TITLE

WWTP and Sewer Collection

5. PROJECT NUMBER

62839

12. SUPPLEMENTAL DATA: (CONTINUED)

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Fiscal Year Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
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
Bagram Air Base, Afghanistan

5. PROJECT NUMBER
62840

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Utilidors</td>
<td>m (LF)</td>
<td>1,609 (5,279)</td>
<td>273.92 (441)</td>
</tr>
<tr>
<td>Water Pump Station, 500 GPM</td>
<td>EA</td>
<td>1 --</td>
<td>142,575 (143)</td>
</tr>
<tr>
<td>Antiterrorism Measures</td>
<td>LS</td>
<td>--</td>
<td>-- (570)</td>
</tr>
<tr>
<td>Building Information Systems</td>
<td>LS</td>
<td>--</td>
<td>-- (26)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>1,180</td>
<td></td>
</tr>
</tbody>
</table>

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
Army

Installation and Location

Bagram Air Base, Afghanistan

Project Title

Water Treatment and Distribution

Project Number

62840

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........................... 228
(c) Total Design Cost............................... 228
(d) Contract........................................ 228
(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:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment Nomenclature</td>
<td>Procuring Appropriation</td>
</tr>
<tr>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>
**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...
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............. 0.00
          (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):
          (a) Production of Plans and Specifications........... 228
          (b) All Other Design Costs.............................
          (c) Total Design Cost.................................. 228
          (d) Contract...........................................
          (e) In-house...........................................

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

      (5) Construction Start................................... SEP 2007

      (6) Construction Completion............................. AUG 2009
### Installation and Location

Bagram Air Base, Afghanistan

### Project Title

Electrical Distribution/Utility Chase

### Project Number

64093

### Supplemental Data: (Continued)

#### A. Estimated Design Data: (Continued)

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Fiscal Year</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Installation Engineer:  LTC Thomas Duffy  
Phone Number:  DSN: 318-231-2040
Construct storm water collection and disposal system to collect, carry and dispose of storm/run-off water, along with support facilities.

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...
9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storm Drainage RCC Manholes</td>
<td>EA</td>
<td>54</td>
<td>6,424</td>
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<tr>
<td>Inlets/ Catch Basin</td>
<td>EA</td>
<td>80</td>
<td>2,569</td>
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<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>553</strong></td>
<td></td>
</tr>
</tbody>
</table>

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........................................ 228
(e) In-house....................................... 228

(4) Construction Contract Award................ APR 2008
## Installation and Location

Bagram Air Base, Afghanistan

## Project Title

Storm Water Collection

## Project Number

64126

### 12. Supplemental Data: (Continued)

#### A. Estimated Design Data: (Continued)

<table>
<thead>
<tr>
<th>Date</th>
<th>Description</th>
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<tbody>
<tr>
<td>MAY 2008</td>
<td>Construction Start</td>
</tr>
<tr>
<td>APR 2010</td>
<td>Construction Completion</td>
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</table>

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

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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
Bagram Air Base, Afghanistan

Communication System Facility

CURRENT SITUATION: (CONTINUED)
144 strand fiber optic cables and one 24 strand fiber optic cable will be installed between AND 9 and the Close Air Support Ramp.

IMPACT IF NOT PROVIDED: If not funded, the lack of infrastructure on the East side of the airfield 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.

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................................. 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
4. PROJECT TITLE: Communication System Facility

5. PROJECT NUMBER: 64091

12. SUPPLEMENTAL DATA: (CONTINUED)

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

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
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<tr>
<td>2008</td>
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<td>OPA</td>
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<td>3,324</td>
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<td>TOTAL</td>
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</tbody>
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Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
PROJECT TITLE

CMU Barracks

PROJECT NUMBER

64092

PROJECT COST ($000)

17,000

9. COST ESTIMATES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>UNIT COST</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Barracks</td>
<td>m2 (SF)</td>
<td>9,548 (102,771)</td>
<td>1,220 (11,648)</td>
<td></td>
</tr>
<tr>
<td>Antiterrorism Measures</td>
<td>LS</td>
<td>--</td>
<td>--</td>
<td>(329)</td>
</tr>
<tr>
<td>Building Information Systems</td>
<td>LS</td>
<td>--</td>
<td>--</td>
<td>(664)</td>
</tr>
<tr>
<td>SUPPORTING FACILITIES</td>
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<tr>
<td>Water, Sewer, Gas</td>
<td>LS</td>
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<td>--</td>
<td>(850)</td>
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<tr>
<td>Paving, Walks, Curbs &amp; Gutters</td>
<td>LS</td>
<td>--</td>
<td>--</td>
<td>(238)</td>
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<tr>
<td>Site Imp( 281) Demo( )</td>
<td>LS</td>
<td>--</td>
<td>--</td>
<td>(281)</td>
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<td>Information Systems</td>
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<td>(194)</td>
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<td>Antiterrorism Measures</td>
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<td>(97)</td>
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<tr>
<td>ESTIMATED CONTRACT COST</td>
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<td>SUBTOTAL</td>
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<td>SUPV, INSPI &amp; OVERHEAD (7.70%)</td>
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<td>1,156</td>
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<td>DESIGN/BUILD - DESIGN COST</td>
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<td>TOTAL REQUEST</td>
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<td>16,773</td>
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<td>TOTAL REQUEST (ROUNDED)</td>
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<td></td>
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<td>17,000</td>
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<tr>
<td>INSTALLED EQT-OTHER APPROP</td>
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<td></td>
<td></td>
<td>()</td>
</tr>
</tbody>
</table>

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
**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:

<table>
<thead>
<tr>
<th>Status</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>(1) Date Design Started</td>
<td>FEB 2007</td>
</tr>
<tr>
<td>(b) Percent Complete As Of January 2006</td>
<td>0.00</td>
</tr>
<tr>
<td>(c) Date 35% Designed</td>
<td>MAY 2007</td>
</tr>
<tr>
<td>(d) Date Design Complete</td>
<td>JUL 2008</td>
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<tr>
<td>(e) Parametric Cost Estimating Used to Develop Costs</td>
<td>NO</td>
</tr>
<tr>
<td>(f) Type of Design Contract: Design-build</td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Basis</th>
<th>Standard or Definitive Design</th>
<th>NO</th>
</tr>
</thead>
</table>

| 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 | |

**CMU Barracks**

**PROJECT NUMBER**: 64092

**Bagram Air Base, Afghanistan**

**PROJECT TITLE**

**PROJECT NUMBER**: 64092
1. COMPONENT

ARMY

2. DATE

FY 2007 MILITARY CONSTRUCTION PROJECT DATA

02 FEB 2007

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:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
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.
**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):
   (a) Production of Plans and Specifications: 228 ($000)
   (b) All Other Design Costs: 228
   (c) Total Design Cost: 228
   (d) Contract: 228
   (e) In-house: 228

Installation Engineer:  LTC Thomas Duffy
Phone Number:  DSN: 318-231-2040
| 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
Bagram Air Base, Afghanistan

RSOI Surge Area

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST</th>
<th>($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Field House</td>
<td>m2 (SF)</td>
<td>465 (5,005)</td>
<td>877.27</td>
<td>(408)</td>
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<tr>
<td>Camp Maintenance/Mayor Office</td>
<td>m2 (SF)</td>
<td>93 (1,001)</td>
<td>926.02</td>
<td>(86)</td>
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<td>Kitchen and Storage</td>
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<td>959 (10,323)</td>
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<td>(1,402)</td>
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<tr>
<td>Building Information Systems</td>
<td>LS</td>
<td>--</td>
<td>--</td>
<td>(368)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>2,264</strong></td>
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</tr>
</tbody>
</table>

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 OPORD 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 Terror.

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 expeditiously 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
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
### 3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

### 4. PROJECT TITLE

RSOI Surge Area

### 5. PROJECT NUMBER

66811

### 12. SUPPLEMENTAL DATA: (CONTINUED)

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year Appropriated</th>
<th>Cost ($000)</th>
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</thead>
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<tr>
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**1. COMPONENT**

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**2. DATE**

<table>
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**3. INSTALLATION AND LOCATION**

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<th>Location</th>
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<td>New Roads</td>
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**4. PROJECT TITLE**

<table>
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**5. PROGRAM ELEMENT**

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**6. CATEGORY CODE**

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**7. PROJECT NUMBER**

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**8. PROJECT COST ($000)**

<table>
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<th>Approp</th>
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<td>26,000</td>
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**9. COST ESTIMATES**

<table>
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<tr>
<th>PRIMARY FACILITY</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>UNIT COST</th>
<th>COST ($000)</th>
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<tbody>
<tr>
<td>Demo Existing Road</td>
<td>m2 (SF)</td>
<td>412,800 (4443342)</td>
<td>10.62</td>
<td>(4,384)</td>
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<tr>
<td>Excavate New Road Way</td>
<td>m3 (CY)</td>
<td>62,000 (81,093)</td>
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<td>Sub-Base</td>
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<td>Base Course</td>
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<td>Culverts</td>
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**SUPPORTING FACILITIES**

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<th>COST ($000)</th>
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<td>SUPV, INS &amp; OVERHEAD (7.70%)</td>
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<td>TOTAL REQUEST</td>
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<tr>
<td>TOTAL REQUEST (ROUNDED)</td>
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<tr>
<td>INSTALLED EQT-OTHER APPROP</td>
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<td>(0)</td>
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**10. Description of Proposed Construction**

<table>
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<tr>
<th>REQT:</th>
<th>22 m2</th>
<th>ADQT:</th>
<th>NONE</th>
<th>SUBSTD:</th>
<th>NONE</th>
</tr>
</thead>
</table>

**REQUIREMENT:**

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.

**CURRENT SITUATION:**

Traffic is very congested on BAF due to the limited number of paved/unpaved roads. There is currently only one paved asphalt road to support vehicle traffic. On the west side of the base, there is 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
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....................................................... 650
      (e) In-house...................................................... 650

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

2. DATE

ARMY  FY 2007 MILITARY CONSTRUCTION PROJECT DATA  02 FEB 2007

3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4. PROJECT TITLE

New Roads

5. PROJECT NUMBER

64131

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:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
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</tr>
</tbody>
</table>

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

### 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 available.
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................................................ AP...
### Supplemental Data: (Continued)

**A. Estimated Design Data: (Continued)**

1. **Construction Start**
   
   Nov 2007

2. **Construction Completion**
   
   Mar 2008

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

<table>
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<tr>
<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
</tr>
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<tbody>
<tr>
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<td></td>
</tr>
</tbody>
</table>

**Installation and Location**

Bagram Air Base, Afghanistan

**Project Title**

Combat Air Ramp

**Project Number**

68610
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.

### 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 blocking 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

<table>
<thead>
<tr>
<th>ARMY</th>
<th>FY 2007</th>
<th>MILITARY CONSTRUCTION PROJECT DATA</th>
<th>2. DATE</th>
</tr>
</thead>
</table>

### 3. INSTALLATION AND LOCATION

| Bagram Air Base, Afghanistan |

### 4. PROJECT TITLE

| Strategic Ramp |

### 5. PROJECT NUMBER

| 68612 |

### IMPACT IF NOT PROVIDED: (CONTINUED)

Portions of the parallel taxiway. Wide body aircraft will continue to fly to other AOR locations and trans load supplies onto smaller cargo aircraft that can access Bagram. This unnecessary step will cause delays in time and efficiency to bring people and supplies into the OEF Theater.

### 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: 0.00
   - (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: 1,000
   - (b) All Other Design Costs: 1,000
   - (c) Total Design Cost: 1,000
   - (d) Contract: 1,000
   - (e) In-house: 1,000

4. **Construction Contract Award:** JUN 2007

5. **Construction Start:** JUL 2007

6. **Construction Completion:** MAR 2008
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2. DATE: 02 FEB 2007

3. INSTALLATION AND LOCATION

Bagram Air Base, Afghanistan

4. PROJECT TITLE

Strategic Ramp

5. PROJECT NUMBER

68612

12. SUPPLEMENTAL DATA: (CONTINUED)

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

<table>
<thead>
<tr>
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</tr>
</thead>
<tbody>
<tr>
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</table>
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.

**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.
CURRENT SITUATION: (CONTINUED) facilities outside of the compound perimeter. This generates a sizable and expensive requirement for antiterrorism/force protection and transportation requirements. These scattered facilities are costing the U.S. Government $3.3M per year in leases. Most of these facilities are not in compliance with current ATFP criteria.

IMPACT IF NOT PROVIDED: The new OSC-A Consolidated Compound was designed to co-locate all OSC-A personnel to one area. If the new compound addition is not constructed, Camp Eggers compound will remain open and continue to expend large amounts of resources to lease current administrative and housing facilities and provide for the security and transportation of personnel living at dispersed facilities. 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.

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. 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............................... NOV 2006
      (b) Percent Complete As Of January 2006............. .00
      (c) Date 35% Designed............................... NOV 2007
      (d) Date Design Complete............................ FEB 2008
      (e) Parametric Cost Estimating Used to Develop Costs __________
      (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............. 600
### 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:

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**Equipment Nomenclature**  

NONE
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/Asibalad to Blessing

5. PROGRAM ELEMENT: 851
6. CATEGORY CODE: 67386
7. PROJECT NUMBER: 67386
8. PROJECT COST ($000):

- Auth: 17,500
- Approp: 17,500

9. COST ESTIMATES:

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<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>UNITCOST</th>
<th>COST ($000)</th>
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<tbody>
<tr>
<td>Demo Existing Road</td>
<td>m2 (SF)</td>
<td>245,700 (264,469)</td>
<td>8.39</td>
<td>(2,064)</td>
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<tr>
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<td>m3 (CY)</td>
<td>22,445 (29,357)</td>
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<td>Sub-Base</td>
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<td>Base Course</td>
<td>m3 (CY)</td>
<td>70,120 (91,714)</td>
<td>46.00</td>
<td>(3,226)</td>
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<td>Paving</td>
<td>m2 (SF)</td>
<td>238,680 (256,912)</td>
<td>29.49</td>
<td>(7,041)</td>
</tr>
</tbody>
</table>

Total from Continuation page: (496)

SUPPORTING FACILITIES

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/Asibalad to Blessing. Project shall provide paved surface capable of high speed travel (90 km/hr). Roadway will have graded shoulders on each side.

11. REQ: 26 km
ADQT: NONE
SUBSTD: 26 km
PROJECT: Construct a portion of a road (26 km) through Road Freedom/Asibalad 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/Asibalad 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.
3. INSTALLATION AND LOCATION

Afghanistan Various, Afghanistan

4. PROJECT TITLE

Road Freedom/Asabalad to Blessing

5. PROJECT NUMBER

67386

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST</th>
<th>($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY (CONTINUED)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Culverts</td>
<td>m (LF)</td>
<td>273 (895.67)</td>
<td>1,450</td>
<td>(396)</td>
</tr>
<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>520 (5,597)</td>
<td>193.00</td>
<td>(100)</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>496</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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............. 0.00
   (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
Army

Afghanistan Various, Afghanistan

Road Freedom/Asabald to Blessing

Installation and Location

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

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:

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Fiscal Year
**PROJECT TITLE**

Road Naray to Kamdash

**PROGRAM ELEMENT**

851

**CATEGORY CODE**

67347

**PROJECT NUMBER**

851-67347

**PROJECT COST ($000)**

27,000

**AUTH**

27,000

**APPROP**

27,000

<table>
<thead>
<tr>
<th>ITEM</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>UNIT COST</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demo Existing Road</td>
<td>m2 (SF)</td>
<td>390,000 ( 4197925)</td>
<td>8.40</td>
<td>(3,276)</td>
</tr>
<tr>
<td>Excavate New Road Way</td>
<td>m3 (CY)</td>
<td>98,607 ( 128,973)</td>
<td>6.81</td>
<td>(672)</td>
</tr>
<tr>
<td>Sub-Base</td>
<td>m3 (CY)</td>
<td>87,782 ( 114,815)</td>
<td>23.00</td>
<td>(2,019)</td>
</tr>
<tr>
<td>Base Course</td>
<td>m3 (CY)</td>
<td>98,800 ( 129,226)</td>
<td>46.00</td>
<td>(4,545)</td>
</tr>
<tr>
<td>Paving</td>
<td>m2 (SF)</td>
<td>390,200 ( 4200078)</td>
<td>29.50</td>
<td>(11,511)</td>
</tr>
</tbody>
</table>

**ESTIMATED CONTRACT COST**

22,989

**CONTINGENCY PERCENT (5.00%)**

1,149

**SUBTOTAL**

24,138

**SUPV, INSPI & OVERHEAD (7.70%)**

1,859

**DESIGN/BUILD - DESIGN COST**

966

**TOTAL REQUEST**

26,963

**TOTAL REQUEST (ROUNDED)**

27,000

**INSTALLED EQT-OTHER APPROP**

(0)

**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.

**PROJECT**

Construct a portion of a road (40km) from Naray to Kamdesh. (Current Mission)

**REQUIREMENT**

Construct a portion of a road (40km) from Naray to Kamdesh. 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
Afghanistan Various, Afghanistan

Road Naray to Kamdash

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>QUANTITY</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culverts</td>
<td>m</td>
<td>560</td>
<td>1,450</td>
</tr>
<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m</td>
<td>800</td>
<td>193.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>966</strong></td>
<td></td>
</tr>
</tbody>
</table>

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
安装工程师：LTCThomas Duffy
电话号码：DSN: 318-231-2040

<table>
<thead>
<tr>
<th>部门</th>
<th>FY 2007 军事施工项目数据</th>
<th>日期</th>
</tr>
</thead>
<tbody>
<tr>
<td>军队</td>
<td></td>
<td>02 FEB 2007</td>
</tr>
</tbody>
</table>

**3. 安装和地点**

阿富汗、阿富汗

**4. 项目标题**

道路Naray到Kamdash

**5. 项目编号**

67347

**12. 补充数据（续）**

A. 预计设计数据（续）

B. 与本项目相关的设备，这些设备将由其他拨款提供:

<table>
<thead>
<tr>
<th>设备名称</th>
<th>采购拨款</th>
<th>提供或需求</th>
<th>成本（$000）</th>
</tr>
</thead>
<tbody>
<tr>
<td>无</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>


PROJECT TITLE

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.

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.
1391C

1. COMPONENT
   Army

2. DATE
   FY 2007

3. INSTALLATION AND LOCATION
   Afghanistan Various, Afghanistan

4. PROJECT TITLE
   Road Asmar to Naray

5. PROJECT NUMBER
   67221

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST</th>
<th>($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY (CONTINUED)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Culverts (m (LF))</td>
<td>147</td>
<td>482.28</td>
<td>1,450</td>
<td>213</td>
</tr>
<tr>
<td>Wadi (Dry Stream Bed) Crossing (m2 (SF))</td>
<td>280</td>
<td>3,014</td>
<td>193.00</td>
<td>54</td>
</tr>
<tr>
<td>Total</td>
<td>267</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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. 0.00
         (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. 243
         (c) Total Design Cost. 243
         (d) Contract. 243
         (e) In-house. 243
      (4) Construction Contract Award. AUG 2007
      (5) Construction Start. OCT 2007
      (6) Construction Completion. JUN 2008
<table>
<thead>
<tr>
<th>Installation and Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Afghanistan Various, Afghanistan</td>
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</table>

<table>
<thead>
<tr>
<th>Project Title</th>
<th>Project Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Road Asmar to Naray</td>
<td>67221</td>
</tr>
</tbody>
</table>

12. **Supplemental Data:** (Continued)

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year Appropriated</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

2. DATE

FY 2007 MILITARY CONSTRUCTION PROJECT DATA

3. INSTALLATION AND LOCATION

Afghanistan Various, Afghanistan

4. PROJECT TITLE

Road Jalabad to Shali Kot

5. PROJECT NUMBER

67220

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST</th>
<th>($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY (CONTINUED)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Culverts</td>
<td>m (LF)</td>
<td>231 (757.87)</td>
<td>1,450</td>
<td>(335)</td>
</tr>
<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>440 (4,736)</td>
<td>193.00</td>
<td>(85)</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td>420</td>
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</tbody>
</table>

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):
   (a) Production of Plans and Specifications............. 375
   (b) All Other Design Costs........................... 375
   (c) Total Design Cost.................................. 375
   (d) Contract........................................... 375
   (e) In-house.......................................... 375

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

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

(6) Construction Completion............................ JUN 2008
<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
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<tbody>
<tr>
<td></td>
<td>NONE</td>
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<td></td>
</tr>
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</table>

Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
1. COMPONENT: ARMY
2. DATE: 02 FEB 2007

3. INSTALLATION AND LOCATION:
   Afghanistan Various
   Afghanistan

4. PROJECT TITLE:
   Road South of Jalalabad

5. PROGRAM ELEMENT:
   851

6. CATEGORY CODE:
   67225

7. PROJECT NUMBER:
   6,800

8. PROJECT COST ($000):
   Auth: 6,800
   Approp: 6,800

9. COST ESTIMATES:

<table>
<thead>
<tr>
<th>ITEM</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>UNIT COST</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Demo Existing Road</td>
<td>m2 (SF)</td>
<td>97,335 (1047705)</td>
<td>8.40</td>
<td>(818)</td>
</tr>
<tr>
<td>Excavate New Road Way</td>
<td>m3 (CY)</td>
<td>38,834 (50,793)</td>
<td>6.79</td>
<td>(264)</td>
</tr>
<tr>
<td>Sub-Base</td>
<td>m3 (CY)</td>
<td>43,040 (56,294)</td>
<td>23.00</td>
<td>(990)</td>
</tr>
<tr>
<td>Base Course</td>
<td>m3 (CY)</td>
<td>16,686 (21,824)</td>
<td>45.99</td>
<td>(768)</td>
</tr>
<tr>
<td>Paving</td>
<td>m2 (SF)</td>
<td>94,554 (1017770)</td>
<td>29.50</td>
<td>(2,789)</td>
</tr>
<tr>
<td>Total from Continuation page</td>
<td></td>
<td></td>
<td></td>
<td>(191)</td>
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</tbody>
</table>

   SUPPORTING FACILITIES

<table>
<thead>
<tr>
<th>ITEM</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>UNIT COST</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ESTIMATED CONTRACT COST</td>
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<td></td>
<td></td>
<td>5,820</td>
</tr>
<tr>
<td>CONTINGENCY PERCENT (5.00%)</td>
<td></td>
<td></td>
<td></td>
<td>291</td>
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<tr>
<td>SUBTOTAL</td>
<td></td>
<td></td>
<td></td>
<td>6,111</td>
</tr>
<tr>
<td>SUPV, INSP &amp; OVERHEAD (7.70%)</td>
<td></td>
<td></td>
<td></td>
<td>471</td>
</tr>
<tr>
<td>DESIGN/BUILD - DESIGN COST</td>
<td></td>
<td></td>
<td></td>
<td>244</td>
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<tr>
<td>TOTAL REQUEST</td>
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<td></td>
<td></td>
<td>6,826</td>
</tr>
<tr>
<td>TOTAL REQUEST (ROUNDED)</td>
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<td></td>
<td></td>
<td>6,800</td>
</tr>
<tr>
<td>INSTALLED EQT-OTHER APPROP</td>
<td></td>
<td></td>
<td></td>
<td>(0)</td>
</tr>
</tbody>
</table>

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.
9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culverts</td>
<td>m (LF)</td>
<td>105 (344.49)</td>
<td>1,450 (152)</td>
</tr>
<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>200 (2,153)</td>
<td>193.00 (39)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>191</td>
<td></td>
</tr>
</tbody>
</table>

**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: 173
   (b) All Other Design Costs: 173
   (c) Total Design Cost: 173
   (d) Contract: 173
   (e) In-house: 173


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

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
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Installation Engineer:  LTC Thomas Duffy  
Phone Number:  DSN: 318-231-2040
Army

Afghanistan Various

Afghanistan

Road Through Sharana

FY 2007

PROJECT TITLE

MILITARY CONSTRUCTION PROJECT DATA

02 FEB 2007

PROJECT NUMBER

67223

PROJECT COST ($000)

7,300

AUTH

APPROP

851

COST ESTIMATES

ITEM UM (M/E) QUANTITY UNIT COST COST ($000)

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)

SUPPORTING FACILITIES

ESTIMATED CONTRACT COST 6,233

CONTINGENCY PERCENT (5.00%) 312

SUBTOTAL 6,545

SUPV, INS & OVERHEAD (7.70%) 504

DESIGN/BUILD - DESIGN COST 262

TOTAL REQUEST 7,311

INSTALLED EQT-OTHER APPROP (0)

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.
9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
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<th>COST</th>
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<td>PRIMARY FACILITY (CONTINUED)</td>
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<tr>
<td>Culverts</td>
<td>m (LF)</td>
<td>126 (413.39)</td>
<td>1,450</td>
<td>(183)</td>
</tr>
<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>240 (2,583)</td>
<td>193.00</td>
<td>(46)</td>
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<td>Total</td>
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<td>229</td>
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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):
   (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

2. DATE: 02 FEB 2007

3. INSTALLATION AND LOCATION:

Afghanistan Various, Afghanistan

4. PROJECT TITLE:

Road Through Sharana

5. PROJECT NUMBER:

67223

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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<tr>
<th>Equipment Nomenclature</th>
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<th>Appropriated Or Requested ($000)</th>
<th>Fiscal Year</th>
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<tbody>
<tr>
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</table>

Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
THIS PAGE INTENTIONALLY LEFT BLANK
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.

**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.
9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST ($000)</th>
</tr>
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<tbody>
<tr>
<td>Culverts</td>
<td>m (LF)</td>
<td>126 (413.39)</td>
<td>1,450 (183)</td>
</tr>
<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>240 (2,583)</td>
<td>193.00 (46)</td>
</tr>
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</table>

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:
   - Date Design Started: OCT 2006
   - Percent Complete As Of January 2006: .00
   - Date 35% Designed: OCT 2007
   - Date Design Complete: DEC 2007
   - Parametric Cost Estimating Used to Develop Costs: NO
   - Type of Design Contract: Design-build

2. Basis:
   - Standard or Definitive Design: NO

3. Total Design Cost (c) = (a)+(b) OR (d)+(e):
   - Production of Plans and Specifications: 185 ($000)
   - All Other Design Costs: 185
   - Total Design Cost: 185
   - Contract: 185
   - In-house: 185


3. INSTALLATION AND LOCATION

Afghanistan Various, Afghanistan

4. PROJECT TITLE

Road West of Orgun-E

5. PROJECT NUMBER

67228

12. SUPPLEMENTAL DATA: (CONTINUED)

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year Appropriated</th>
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Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
**Project Title:** Road South of Sharana  
**Program Element:** 851  
**Category Code:** 67226  
**Project Number:** 67226  
**Project Cost ($000):** 33,000

### Item UM (M/E) Quantity Unit Cost Cost ($000)

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<th>Description</th>
<th>UM (M/E)</th>
<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
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<tr>
<td>Demo Existing Road</td>
<td>m2 (SF)</td>
<td>553,600</td>
<td>8.40</td>
<td>(4,650)</td>
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<tr>
<td>Excavate New Road Way</td>
<td>m3 (CY)</td>
<td>69,129</td>
<td>6.79</td>
<td>(470)</td>
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<tr>
<td>Sub-Base</td>
<td>m3 (CY)</td>
<td>161,500</td>
<td>23.00</td>
<td>(3,715)</td>
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<tr>
<td>Base Course</td>
<td>m3 (CY)</td>
<td>95,760</td>
<td>46.00</td>
<td>(4,405)</td>
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<tr>
<td>Paving</td>
<td>m2 (SF)</td>
<td>480,640</td>
<td>29.50</td>
<td>(14,179)</td>
</tr>
<tr>
<td><strong>Total from Continuation page</strong></td>
<td></td>
<td></td>
<td></td>
<td>(916)</td>
</tr>
</tbody>
</table>

**Estimated Contract Cost:** 28,335  
**Contingency Percent:** (5.00%)  
**Subtotal:** 29,752  
**Supv, Ins & Overhead:** (7.70%)  
**Design/Build - Design Cost:** 1,190  
**Total Request:** 33,233  
**Total Request (Rounded):** 33,000

**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.

**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.
3. INSTALLATION AND LOCATION

Afghanistan Various, Afghanistan

4. PROJECT TITLE

Road South of Sharana

5. PROJECT NUMBER

67226

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST</th>
<th>($000)</th>
</tr>
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<tr>
<td>PRIMARY FACILITY (CONTINUED)</td>
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<td></td>
</tr>
<tr>
<td>Culverts</td>
<td>m (LF)</td>
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<td>1,450</td>
<td>(731)</td>
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<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>960 (   10,333)</td>
<td>193.00</td>
<td>(185)</td>
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<tr>
<td>Total</td>
<td></td>
<td>916</td>
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</tbody>
</table>

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):
           (a) Production of Plans and Specifications............ 803
           (b) All Other Design Costs.......................... 803
           (c) Total Design Cost............................... 803
           (d) Contract........................................ 803
           (e) In-house........................................ 803

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

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

   (6) Construction Completion............................. NOV 2008
### Installation and Location

Afghanistan Various, Afghanistan

### Project Title

Road South of Sharana

### Project Number

67226

### Supplemental Data: (Continued)

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

<table>
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<tr>
<th>Equipment Nomenclature</th>
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<th>Cost ($000)</th>
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</table>

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

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

2. DATE

FY 2007 MILITARY CONSTRUCTION PROJECT DATA 02 FEB 2007

3. INSTALLATION AND LOCATION

Afghanistan Various, Afghanistan

4. PROJECT TITLE

Road Khowst to BSP9

5. PROJECT NUMBER

67222

9. COST ESTIMATES (CONTINUED)

<table>
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<tr>
<th>Item</th>
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<th>COST</th>
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<tr>
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<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>240</td>
<td>(2,583)</td>
<td>193.00</td>
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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............... 0.00
   (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  

2. DATE: 02 FEB 2007  

3. INSTALLATION AND LOCATION: Afghanistan Various, Afghanistan  

4. PROJECT TITLE: Road Khowst to BSP9  

5. PROJECT NUMBER: 67222  

12. SUPPLEMENTAL DATA: (CONTINUED)  

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</table>

Installation Engineer: LTC Thomas Duffy  
Phone Number: DSN: 318-231-2040
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### 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. Projec: 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.
Afghanistan Various, Afghanistan

Road FB Chamkani to PAK Border

9. COST ESTIMATES (CONTINUED)

<table>
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<th>Item</th>
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<th>COST  ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culverts</td>
<td>m (LF)</td>
<td>300</td>
<td>1,450</td>
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<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>360</td>
<td>193.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>504</strong></td>
<td></td>
</tr>
</tbody>
</table>

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
12. SUPPLEMENTAL DATA: (Continued)
   A. Estimated Design Data: (Continued)

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

2. DATE

FY 2007 MILITARY CONSTRUCTION PROJECT DATA

02 FEB 2007

3. INSTALLATION AND LOCATION

Afghanistan Various, Afghanistan

4. PROJECT TITLE

Road West of Khwost

5. PROJECT NUMBER

67227

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
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<th>($000)</th>
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<td>Culverts</td>
<td>m (LF)</td>
<td>147 (482.28)</td>
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<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>280 (3,014)</td>
<td>193.00</td>
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<td></td>
<td>267</td>
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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........................... 235
     (c) Total Design Cost............................... 235
     (d) Contract........................................ 235
     (e) In-house........................................ 235

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

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

   (6) Construction Completion........................... JUN 2008
3. INSTALLATION AND LOCATION

Afghanistan Various, Afghanistan

4. PROJECT TITLE

Road West of Khwost

5. PROJECT NUMBER

67227

12. SUPPLEMENTAL DATA: (CONTINUED)

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Fiscal Year Appropriation</th>
<th>Cost ($)</th>
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<tbody>
<tr>
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</table>

Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
11. **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.

**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.
Afghanistan Various, Afghanistan

Road North of Waza Kwah

9. COST ESTIMATES (CONTINUED)

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

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):
   (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

2. DATE

   FY 2007 MILITARY CONSTRUCTION PROJECT DATA

   02 FEB 2007

3. INSTALLATION AND LOCATION

   Afghanistan Various, Afghanistan

4. PROJECT TITLE

   Road North of Waza Kwah

5. PROJECT NUMBER

   67219

12. SUPPLEMENTAL DATA: (CONTINUED)

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year Appropriated</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
<table>
<thead>
<tr>
<th>ITEM</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>UNIT COST</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Demo Existing Road</td>
<td>m2 (SF)</td>
<td>509,240</td>
<td>8.40</td>
<td>4,278</td>
</tr>
<tr>
<td>Excavate New Road Way</td>
<td>m3 (CY)</td>
<td>66,690</td>
<td>6.80</td>
<td>453</td>
</tr>
<tr>
<td>Sub-Base</td>
<td>m3 (CY)</td>
<td>148,560</td>
<td>23.00</td>
<td>3,417</td>
</tr>
<tr>
<td>Base Course</td>
<td>m3 (CY)</td>
<td>85,280</td>
<td>46.00</td>
<td>3,923</td>
</tr>
<tr>
<td>Paving</td>
<td>m2 (SF)</td>
<td>438,870</td>
<td>29.50</td>
<td>12,947</td>
</tr>
<tr>
<td><strong>Total from Continuation page</strong></td>
<td></td>
<td></td>
<td></td>
<td>(840)</td>
</tr>
</tbody>
</table>

**SUPPORTING FACILITIES**

**ESTIMATED CONTRACT COST**

<table>
<thead>
<tr>
<th>CONTINGENCY PERCENT (5.00%)</th>
<th>1,293</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SUBTOTAL</strong></td>
<td>27,151</td>
</tr>
<tr>
<td>SUPV, INSP &amp; OVERHEAD (7.70%)</td>
<td>2,091</td>
</tr>
<tr>
<td>DESIGN/BUILD - DESIGN COST</td>
<td>1,086</td>
</tr>
<tr>
<td><strong>TOTAL REQUEST</strong></td>
<td>30,328</td>
</tr>
</tbody>
</table>

| TOTAL REQUEST (ROUNDED)       | 30,000|
| INSTALLED EQT-OTHER APPROP    | (0)   |

**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.

<table>
<thead>
<tr>
<th>PROJECT: Construct a portion of a road (44km) from Qalat to Mazan. (Current Mission)</th>
</tr>
</thead>
<tbody>
<tr>
<td>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...</td>
</tr>
</tbody>
</table>
Afghanistan Various, Afghanistan
Road Qalat to Mazan

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>Unit</th>
<th>QUANTITY</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culverts</td>
<td>m (LF)</td>
<td>462</td>
<td>1,450 (670)</td>
</tr>
<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>880</td>
<td>193.00 (170)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>840</td>
<td></td>
</tr>
</tbody>
</table>

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
### Installation and Location

Afghanistan Various, Afghanistan

### Project Title

Road Qalat to Mazan

### Project Number

67345

### Supplemental Data: (Continued)

#### A. Estimated Design Data: (Continued)

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Fiscal Year</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Road Qalat of Shinkay 67346

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culverts</td>
<td>m (LF)</td>
<td>882</td>
<td>2,894</td>
</tr>
<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>1,680</td>
<td>18,083</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td>1,603</td>
</tr>
</tbody>
</table>

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. Component

**Army**

### 2. Date

**02 Feb 2007**

### 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:**

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Fiscal Year Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Installation Engineer:** LTC Thomas Duffy

**Phone Number:** DSN: 318-231-2040
Construct a portion of a road (58 km) from Tarin Kowt to Oshay. Project shall provide paved surface capable of high speed travel (90 km/hr). Roadway will have graded shoulders on each side.

**PROJECT:** Construct a portion of a road (58 km) from Tarin Kowt to Oshay. (Current Mission)

**REQUIREMENT:** Construct 58 km 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...
3. INSTALLATION AND LOCATION

Afghanistan Various, Afghanistan

4. PROJECT TITLE

Road Tarin Kowt to Oshay

5. PROJECT NUMBER

67342

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Culverts</td>
<td>m (LF)</td>
<td>609 (1,998)</td>
<td>1,450 (883)</td>
</tr>
<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m² (SF)</td>
<td>1,040 (11,194)</td>
<td>193.00 (201)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>1,084</strong></td>
</tr>
</tbody>
</table>

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): $(825
   (a) Production of Plans and Specifications: 825
   (b) All Other Design Costs: 825
   (c) Total Design Cost: 825
   (d) Contract: 825
   (e) In-house: 825

(4) Construction Contract Award: AUG 2007

(5) Construction Start: OCT 2007

(6) Construction Completion: OCT 2008
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:

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
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 forces 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.
Afghanistan Various, Afghanistan

Dry Stream Bed Crossing 1 - BAF to Kabul

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paving</td>
<td>m2 (SF)</td>
<td>109,242 ( 1175871)</td>
<td>29.50 (3,223)</td>
</tr>
<tr>
<td>Culverts</td>
<td>m (LF)</td>
<td>126 ( 413.39)</td>
<td>1,450 (183)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td><strong>3,406</strong></td>
</tr>
</tbody>
</table>

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
1. COMPONENT
   ARMY

2. DATE
   FY 2007

3. INSTALLATION AND LOCATION
   Afghanistan Various, Afghanistan

4. PROJECT TITLE
   Dry Stream Bed Crossing 1 - BAF to Kabul

5. PROJECT NUMBER
   67199

12. SUPPLEMENTAL DATA: (Continued)
   A. Estimated Design Data: (Continued)

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Fiscal Year</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Installation Engineer:  LTC Thomas Duffy
Phone Number:  DSN: 318-231-2040
<table>
<thead>
<tr>
<th>ITEM</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>UNITCOST</th>
<th>COST ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dry Stream Bed Crossing</td>
<td>LS</td>
<td>--</td>
<td>--</td>
<td>(1,073)</td>
</tr>
<tr>
<td>Demo Existing Road</td>
<td>m2 (SF)</td>
<td>112,455 (1210456)</td>
<td>8.40</td>
<td>(945)</td>
</tr>
<tr>
<td>Excavate New Road Way</td>
<td>m3 (CY)</td>
<td>17,138 (22,416)</td>
<td>6.79</td>
<td>(117)</td>
</tr>
<tr>
<td>Sub-Base</td>
<td>m3 (CY)</td>
<td>26,115 (34,157)</td>
<td>23.00</td>
<td>(601)</td>
</tr>
<tr>
<td>Base Course</td>
<td>m3 (CY)</td>
<td>20,278 (26,523)</td>
<td>46.00</td>
<td>(933)</td>
</tr>
<tr>
<td><strong>Total from Continuation page</strong></td>
<td></td>
<td></td>
<td></td>
<td>(3,406)</td>
</tr>
</tbody>
</table>

**SUPPORTING FACILITIES**

**ESTIMATED CONTRACT COST**

<table>
<thead>
<tr>
<th>CONTINGENCY PERCENT (5.00%)</th>
<th>SUBTOTAL</th>
<th>DESIGN/BUILD - DESIGN COST</th>
<th>TOTAL REQUEST</th>
<th>TOTAL REQUEST (ROUNDED)</th>
<th>INSTALLED EQT-OTHER APPROP</th>
</tr>
</thead>
<tbody>
<tr>
<td>7,075</td>
<td>7,429</td>
<td>572</td>
<td>8,298</td>
<td>8,300</td>
<td>(0)</td>
</tr>
</tbody>
</table>

**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:** 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
2. DATE: FY 2007 MILITARY CONSTRUCTION PROJECT DATA 02 FEB 2007

3. INSTALLATION AND LOCATION:
Afghanistan Various, Afghanistan

4. PROJECT TITLE:
Dry Stream Bed Crossing 2 - BAF to Kabul

5. PROJECT NUMBER:
67217

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>PRIMARY FACILITY (CONTINUED)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Item</td>
</tr>
<tr>
<td>Paving</td>
</tr>
<tr>
<td>Culverts</td>
</tr>
<tr>
<td>Total</td>
</tr>
</tbody>
</table>

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: 210
      (c) Total Design Cost: 210
      (d) Contract: 210
      (e) In-house: 210

   (4) Construction Contract Award: AUG 2007
   (5) Construction Start: OCT 2007
   (6) Construction Completion: JUN 2008
### Installation and Location

Afghanistan Various, Afghanistan

### Project Title

Dry Stream Bed Crossing 2 - BAF to Kabul

### Project Number

67217

### Supplemental Data: (Continued)

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

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year Appropriated</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NONE</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
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 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 road 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
**Component:** Army  \hspace{1cm} **Date:** 02 Feb 2007

**Installation and Location:**
Afghanistan Various, Afghanistan

**Project Title:**
Dry Stream Bed Crossing 3 - BAF to Kabul

**Project Number:**
67218

**Cost Estimates (Continued):**

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<tr>
<th>Item</th>
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<tr>
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<tr>
<td>Culverts</td>
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<td>515 (1,690)</td>
<td>1,450 (747)</td>
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<td><strong>Total</strong></td>
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</table>

**Current Situation:**
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.**

**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
Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
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<tr>
<th>ITEM</th>
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<th>UNIT COST</th>
<th>COST ($000)</th>
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<td>50,590 ( 544,546)</td>
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<td>21,520 ( 28,147)</td>
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<td>50,030 ( 538,518)</td>
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Total from Continuation page

SUPPORTING FACILITIES

ESTIMATED CONTRACT COST

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

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 gradated shoulders on each side.

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  

2. DATE  
FY 2007  MILITARY CONSTRUCTION PROJECT DATA  
02 FEB 2007  

3. INSTALLATION AND LOCATION  
Afghanistan Various, Afghanistan  

4. PROJECT TITLE  
Road From Crossing 1 to Crossing 2  

5. PROJECT NUMBER  
67231  

9. COST ESTIMATES (CONTINUED)  

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
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<tr>
<td>Culverts</td>
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<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
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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
Installation Engineer:  LTC Thomas Duffy
Phone Number:  DSN: 318-231-2040

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<th>Fiscal Year</th>
<th>Appropriated Cost ($000)</th>
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**PROJECT TITLE**
Road From Crossing 2 to Crossing 3

**PROJECT NUMBER**
67229

**PROJECT COST ($000)**
790

**COST ESTIMATES**

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<tr>
<th>ITEM</th>
<th>UM (M/E)</th>
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<th>UNIT COST</th>
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<tr>
<td>PRIMARY FACILITY</td>
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</tr>
<tr>
<td>Demo Existing Road</td>
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<td>12,300 (132,396)</td>
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<td>Excavate New Road Way</td>
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</table>

**SUPPORTING FACILITIES**

**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)

**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.

**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

2. DATE

ARMY FY 2007 MILITARY CONSTRUCTION PROJECT DATA 02 FEB 2007

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)

<table>
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<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>COST ($000)</th>
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<tbody>
<tr>
<td>PRIMARY FACILITY (CONTINUED)</td>
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<tr>
<td>Culvert</td>
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<td>Wadi (Dry Stream Bed) Crossing</td>
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<td>25</td>
<td>193.00</td>
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<tr>
<td>Total</td>
<td></td>
<td>28</td>
<td></td>
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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
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:

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
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<tbody>
<tr>
<td>NONE</td>
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<td></td>
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</table>

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

**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.
**ROAD FROM CROSSING 3 TO 5KM**

**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........................................ 89
   - (e) In-house...........................................

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

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

(6) **Construction Completion.............................. MAY 2008**

### COST ESTIMATES (CONTINUED)

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<th>Item</th>
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<th>COST ($000)</th>
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<tbody>
<tr>
<td>Culverts</td>
<td>m (LF)</td>
<td>53</td>
<td>1,450</td>
</tr>
<tr>
<td>Wadi (Dry Stream Bed) Crossing</td>
<td>m2 (SF)</td>
<td>80</td>
<td>193.00</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td>92</td>
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</tbody>
</table>
Installation Engineer: LTC Thomas Duffy
Phone Number: DSN: 318-231-2040
Al Asad Air Base  
Iraq  
Heavy Aircraft Apron

**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 Mission)  
**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
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:**

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<td>(f) Type of Design Contract:</td>
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<td>(b) Where Most Recently Used:</td>
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<td>(d) Contract</td>
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<tr>
<td>(e) In-house</td>
<td>241</td>
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| Construction Contract Award....................... | SEP 2007 |
| Construction Start................................. | OCT 2007 |
Installation Engineer:  COL David R. Brown
Phone Number:  DSN: 318-826-6008
Al Asad Air Base
Iraq

Transient Aircraft Apron

Construct concrete apron for C-130 (10,000 passes) transient aircraft. 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.

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
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
## Installation and Location

Al Asad Air Base, Iraq

## Project Title

Transient Aircraft Apron

## Project Number

67373

### Supplemental Data: (Continued)

**A. Estimated Design Data: (Continued)**

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<th>Item</th>
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<tr>
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<tr>
<td>(6) Construction Completion</td>
<td>AUG 2008</td>
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**B. Equipment associated with this project which will be provided from other appropriations:**

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
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</thead>
<tbody>
<tr>
<td><strong>NONE</strong></td>
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</table>

Installation Engineer: LTC Capps
Phone Number: DSN: 318-822-3846
Construct a 1800m instrument flight rule runway with shelters for Unmanned Aerial Vehicle (UAV) storage and admin space. Construction includes an unreinforced concrete runway with base, drainage, shoulders, markers, striping, runway lighting, support facilities utilities and building information system.

**11. REQ:**

**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. Maximiizing 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 |

**2. DATE**

| FY 2007 MILITARY CONSTRUCTION PROJECT DATA |

| 02 FEB 2007 |

**3. INSTALLATION AND LOCATION**

| Al Asad Air Base, Iraq |

**4. PROJECT TITLE**

| Runway with Shelters |

**5. PROJECT NUMBER**

| 67374 |

**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 |

<p>| (6) Construction Completion.......................... | AUG 2008 |</p>
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3. INSTALLATION AND LOCATION

Al Asad Air Base, Iraq

4. PROJECT TITLE

Runway with Shelters

5. PROJECT NUMBER

67374

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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Project Title: Detainee Interrogation Facility

Al Asad Air Base, Iraq

Program Element: 141

Category Code: 67291

Project Number: 5,500

Cost Estimate:

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<th>Item Description</th>
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<th>Quantity</th>
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SUPPORTING FACILITIES

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<td>Other</td>
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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

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 horizontally 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.

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
### 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.

### 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:  NO

3. **Total Design Cost (c) = (a)+(b) OR (d)+(e):**  ($000)
   - (a) Production of Plans and Specifications:  
   - (b) All Other Design Costs:  ......................... **399**
   - (c) Total Design Cost:  ............................... **399**
   - (d) Contract:  ........................................ **12**
Installation Engineer: LTC Capps  
Phone Number: DSN: 318-822-3846

### SUPPLEMENTAL DATA: (Continued)

#### A. Estimated Design Data: (Continued)

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<td>(5)</td>
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<td>(6)</td>
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<td>AUG 2008</td>
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#### B. Equipment associated with this project which will be provided from other appropriations:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Installation Engineer: LTC Capps  
Phone Number: DSN: 318-822-3846
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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, maintenance, and 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.
Al Asad Air Base, Iraq

Water Storage Tanks

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):
         (a) Production of Plans and Specifications............
         (b) All Other Design Costs............................. 248
         (c) Total Design Cost................................... 248
Installation Engineer: LTC Capps
Phone Number: DSN: 318-822-3846
## 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.
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............. 0.00
      (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

2. DATE
   FY 2007

3. INSTALLATION AND LOCATION
   Al Asad Air Base, Iraq

4. PROJECT TITLE
   Electrical Infrastructure Upgrades

5. PROJECT NUMBER
   67285

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.......................... ____________
       (c) Total Design Cost............................... ____________
       (d) Contract........................................ ____________
       (e) In-house........................................ ____________

   (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:

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<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Fiscal Year Appropriated Or Requested Cost ($000)</th>
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<tbody>
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</table>
## 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.

### Cost Estimates

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<th>ITEM</th>
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**Estimated Contract Cost**: 6,505

**Contingency Percent (5.00%)**: 325

**Subtotal**: 6,830

**SUPV, INSPECTION & OVERHEAD (7.70%)**: 526

**Total Request**: 7,356

**Total Request (rounded)**: 7,400

**Installed EQT-Other Appropriation**: ()

### Requirement

Current Mission

- **Project**: Construct an Entry Control Point (ECP). 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.
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
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..........................
          (c) Total Design Cost................................
          (d) Contract........................................
          (e) In-house........................................

      (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:

      | Fiscal Year | Equipment | Procuring Appropriation | Appropriated Or Requested Cost ($000) |
      |-------------|-----------|-------------------------|--------------------------------------|
      | NA         | NA       | NA                     | NA                                   |
**Project Title:** South Entry Control Point

**Program Element:** 141

**Category Code:** 67367

**Project Number:** 67367

**Project Cost (in $000):** 7,500

**Cost Estimates:**

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<th>Item</th>
<th>UM (M/B)</th>
<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
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<tbody>
<tr>
<td>Convoy Processing Facility</td>
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<td>Antiterrorism Measures</td>
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<td>--</td>
<td>(279)</td>
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<td>Building Information Systems</td>
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<td>Electric Service</td>
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<td>(422)</td>
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<td>Information Systems</td>
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<td>(75)</td>
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<tr>
<td>Antiterrorism Measures</td>
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<td>(85)</td>
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<tr>
<td>Communication Support</td>
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<td>(208)</td>
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</table>

**Estimated Contract Cost:** 6,635

**Contingency Percent (5.00%):** 332

**Subtotal:** 6,967

**Supv, Inspect & Overhead (7.70%):** 536

**Total Request:** 7,503

**Total Request (rounded):** 7,500

**Installed Eqt - Other Approp:**

**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.

**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.
CURRENT SITUATION: LSA Anaconda has a substandard south entry control point. The security operations require a significant amount of time to process a single vehicle. The existing road can support only one-way traffic, resulting in traffic back-ups both on and off base. Inbound convoys must stage for entry on off-post roads without overwatch. Contractor and military vehicles are required on a daily basis to halt on roads outside the LSA at high risk of mortar and small arms fire to wait for other vehicles to complete the screening process. 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. Outbound convoy vehicles will continue to block roads on the installation when the supply routes are closed to enemy activity degrading LSA Anaconda response to attacks and hindering daily operations. 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:
      (a) Standard or Definitive Design: YES
      (b) Where Most Recently Used:
### Installation and Location

LSA Anaconda, Iraq

### Project Title

South Entry Control Point

### Project Number

67367

### Supplemental Data: (Continued)

#### A. Estimated Design Data: (Continued)

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<td>Contract</td>
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<td>In-house</td>
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#### B. Equipment associated with this project which will be provided from other appropriations:

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<tbody>
<tr>
<td></td>
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</table>

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

**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.
**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:

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<td>00</td>
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<td>(c) Date 35% Designed</td>
<td>APR 2007</td>
</tr>
<tr>
<td>(d) Date Design Complete</td>
<td>JUN 2007</td>
</tr>
<tr>
<td>(e) Parametric Cost Estimating Used to Develop Costs</td>
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<tr>
<td>(f) Type of Design Contract</td>
<td>Design-bid-build</td>
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</table>
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..............................
   (c) Total Design Cost...................................
   (d) Contract...........................................
   (e) In-house...........................................

   (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:

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested Cost ($000)</th>
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<tbody>
<tr>
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</table>

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

**Description of Proposed Construction**

Construct Truck Lane Access Road.

**Project:** 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. Convoy causes 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...

---

**Cost Estimates**

<table>
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<tr>
<th>Item Description</th>
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<th>Cost ($000)</th>
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<td>(485)</td>
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<td><strong>Supporting Facilities</strong></td>
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<td>LS</td>
<td>--</td>
<td>--</td>
<td>(601)</td>
</tr>
</tbody>
</table>

| Estimated Contract Cost           |          |          |           |             |
| Contingency Percent (5.00%)       |          |          |           |             |
| Subtotal                          |          |          |           |             |
| Supv, Insp & Overhead (7.70%)     |          |          |           |             |
| Total Request                     |          |          |           |             |
| Total Request (rounded)           |          |          |           |             |
| Installed EQT-Other Approp        |          |          |           |             |

**TOTAL REQUEST:** 2,585

---

**Summary:**

- **FY:** 2007
- **Category Code:** 851
- **Project Number:** 67368
- **Project Title:** Truck Lane Access Road
- **Project Cost ($000):** 2,600
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 LSA 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): ($)00
12. SUPPLEMENTAL DATA: (Continued)
   A. Estimated Design Data: (Continued)
      (a) Production of Plans and Specifications............ 138
      (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:

<table>
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<tr>
<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
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<tr>
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Installation Engineer: BG Michael J. Terry
Phone Number: Not Available
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.

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: LSAAA relies on water from an adjacent irrigation canal outside the base perimeter. Gates controlling water flow into this canal are outside LSAAA 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
CURRENT SITUATION: (CONTINUED)

appreciable drop in the aquifer level after 72 hours of continuous testing using three pumps with a capacity of 250GPM. Three operational deep wells exist on the base. The deep wells were constructed in 2004 with 10 inch diameter casings. A fourth ‘shallow well’ exists. A fifth well on the West side of the base has been abandoned because of unacceptable water quality. Each well has produced 0.36MGD without appreciable drawdown of the aquifer.

The total Dissolved Solids are high in all wells. Water is treated using Reverse Osmosis (RO) technology and results in a 40% production rate for well water. The Canal water has a 50% production rate. To meet design requirements, total potable water extracted from the aquifer is 5.4MGD if a yield is 40% of total volume is achieved. Water is pumped into interim storage cisterns. The RO systems pull water from these cisterns. Siting of the new wells should be in the general location of the RO plants. Concern is the negative impact of a concentrated point extraction of 5,400KGAL per day on the aquifer. Some hydrology documentation exists KBR drilled the three operational deep wells in 2004. Other documentation exists that pre-dates the KBR effort.

IMPACT IF NOT PROVIDED: We run the risk of not having an adequate water supply if the canal cannot be used. 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.

ADDITIONAL: This project for water wells is separate from a water storage or supply system, water purification projects, and waste water treatment. This project is consistent with USCENTCOM Regulation 415-1, ‘The Sand Book.’ This facility will be designed and built for Joint Use Operations. 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
1. COMPONENT:

FY 2007 MILITARY CONSTRUCTION PROJECT DATA

2. DATE: 02 FEB 2007

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):

(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:

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<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested Cost</th>
<th>Cost ($)</th>
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<tr>
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</table>

Installation Engineer: BG Michael J. Terry
Phone Number: Not Available
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.
REQUIREMENT: (CONTINUED)
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.

CURRENT SITUATION: 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 elevated 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.

IMPACT IF NOT PROVIDED: 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.

ADDITIONAL: 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
LSA Anaconda, Iraq

Water Storage Tanks

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):
      (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
### 3. INSTALLATION AND LOCATION

**LSA Anaconda, Iraq**

### 4. PROJECT TITLE

**Water Storage Tanks**

### 5. PROJECT NUMBER

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<th>Fiscal Year</th>
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Installation Engineer: BG Michael J. Terry

Phone Number: Not Available
1. COMPONENT: ARMY

2. DATE: 02 FEB 2007

3. INSTALLATION AND LOCATION:
   - LSA Anaconda
   - Iraq

4. PROJECT TITLE: POL Tanks

5. PROGRAM ELEMENT: 411

6. CATEGORY CODE: 67371

7. PROJECT NUMBER: 67371

8. PROJECT COST ($000):
   - Auth: 9,900
   - Approp: 9,900

9. COST ESTIMATES:

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</table>

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. 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.
REQUIREMENT: (CONTINUED)
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).

CURRENT SITUATION: 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:
LSA Anaconda, Iraq

POL Tanks

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):
(a) Production of Plans and Specifications....................
(b) All Other Design Costs.................................. 414
(c) Total Design Cost........................................ 414
(d) Contract.................................................. 12
(e) In-house.................................................. 402

($000)
Installation Engineer: BG Michael J. Terry
Phone Number: Not Available
11. 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 API 31-101, The Air Force Installation Security Program. Maintaining DoD 6055.9-STD requirements is paramount to preventing explosive propagation in
REQUIREMENT: (CONTINUED)
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.

CURRENT SITUATION: 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.

IMPACT IF NOT PROVIDED: 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.

ADDITIONAL: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use.
Ammunition Storage Facility

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............... 0.00
         (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:

   Equipment Nomenclature  Procuring Appropriation  Fiscal Year Appropriated Or Requested Cost

   NONE
### 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.

### 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 operations.
**Requirement:**  (continued)

Emergency (IFE) response.

**Current Situation:** 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 off 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."

**Impact If Not Provided:** 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.

**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
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: 403
(c) Total Design Cost: 403
(d) Contract: 403
(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:

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LSA Anaconda, Iraq

Airfield Overrun

68613
### 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".

### 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...

### Cost Estimates

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| SUPPORTING FACILITIES         |          |          |           |             |
| Site Imp( 5,525) Demo(        | LS       | --       | --        | (5,525)     |
| Antiterrorism Measures        | LS       | --       | --        | (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    |          |          |           |             |
### REQUIREMENT: (CONTINUED)

Flexibility if the basing strategy changes. If this requirement is not met, U.S. troops will be forced to utilize tents which are not adequate for billeting under Iraq’s environmental conditions.

### CURRENT SITUATION:
Currently most troops are housing in containerized housing units, old Iraqi buildings, and tents. As units leave these bases, they obviously cannot bring the occupied permanent facilities with them. The reuse rate of the containerized housing units is less than expected, as they are occasionally arrive at a new location beyond economical repair. Many units have already been relocated more times than the manufacturer recommends and/or are past their recommended lifespan. This leaves a limited number of older tents to house the remaining personnel.

### IMPACT IF NOT PROVIDED:
If this project is not completed, a significant number of troops will be forced to live in a limited number of tents. These tents are not a permanent solution to the problem and present significant risks to personnel that would be mitigated by providing higher quality conditions. While tents are a temporary solution, the more spartan living conditions of the tents result in lower levels of alertness, morale, and readiness. Tents do not provide any level of protection from mortars or other attacks, increasing the risk to personnel. Living in tents creates a higher risk of fires. Tents consume more utilities, especially air conditioning, per person than modular or containerized facilities. In addition, many of the tents in country have been in place since the beginning of operations. These tents are showing significant wear and tear, including holes, tears, rips, and other damage from the harsh desert environment.

### 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:

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<tr>
<td>(1) Status:</td>
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<td>(a) Date Design Started...</td>
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<tr>
<td>(b) Percent Complete As Of January 2006...</td>
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<td>(d) Date Design Complete...</td>
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<td>(e) Parametric Cost Estimating Used to Develop Costs</td>
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<td>(f) Type of Design Contract: Design-build</td>
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(2) Basis:
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:

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

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

2. DATE

3. INSTALLATION AND LOCATION

4. PROJECT TITLE

5. PROGRAM ELEMENT

6. CATEGORY CODE

7. PROJECT NUMBER

8. PROJECT COST ($000)

9. COST ESTIMATES

10. DESCRIPTION OF PROPOSED CONSTRUCTION

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

Army

Iraq Various

Facilities Replacement

96,000

96,000

81,500

82,200

4,110

86,310

6,646

3,452

96,408

96,000

0

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.

15,000 PN
**Requirement:** 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: 0.00
   - (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):**
   - (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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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

DD FORM 1 DEC 76 1391C PAGE NO. 250
Installation Engineer: LTC Capps
Phone Number: DSN: 318-822-3846
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.
REQUIREMENT: (CONTINUED)
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 & 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.
CURRENT SITUATION: 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.
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. 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.
ADDITIONAL: 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.
**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.

### Item Estimates

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**Supporting Facilities**

**Estimated Contract Cost**

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**Project Title**

Planning & Design 07 Supplemental
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**3. INSTALLATION AND LOCATION**

Planning and Design, Worldwide Various

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**REQUIREMENT:** (CONTINUED)

program.
## FY 2007 Military Construction Supplemental Request

**Military Construction, Army**

**Grow the Force**

($ in thousands)

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### FY 2007 Military Construction Supplemental Request

**Military Construction, Army**  
*Grow the Force*  
($ in thousands)

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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).
Fort Carson, Colorado

Unit Operations Facilities

### 9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
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<th>COST</th>
<th>Unit Cost</th>
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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 (GDPFR) 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.
3.INSTALLATION AND LOCATION

Fort Carson, Colorado

4.PROJECT TITLE

Unit Operations Facilities

5.PROJECT NUMBER

68723

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:
   (a) Date Design Started............................ MAR 2007
   (b) Percent Complete As Of January 2006............. 0.00
   (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:

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<th>Fiscal Year</th>
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</table>
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 kWr/250 Tons).
3. INSTALLATION AND LOCATION

Fort Stewart, Georgia

4. PROJECT TITLE

Unit Operations Facilities

5. PROJECT NUMBER

68724

9. COST ESTIMATES (CONTINUED)

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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.
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:
      | Fiscal Year | Equipment Nomenclature | Procuring Appropriation | Appropriated Or Requested | Cost ($000) |
      |-------------|-------------------------|-------------------------|---------------------------|-------------|
      | NA         |                         |                         |                           |             |
### 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

2. DATE

FY 2007

26 FEB 2007

3. INSTALLATION AND LOCATION

Fort Riley, Kansas

4. PROJECT TITLE

Unit Operations Facilities

5. PROJECT NUMBER

68716

9. COST ESTIMATES (CONTINUED)

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11. REQ: 158,404 m²

ADQT: 51,244 m²

SUBSTD: NONE

PROJECT: Construct standard design barracks, operation facilities 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

2. DATE

FY 2007 MILITARY CONSTRUCTION PROJECT DATA

26 FEB 2007

3. INSTALLATION AND LOCATION

Port Riley, Kansas

4. PROJECT TITLE

Unit Operations Facilities

5. PROJECT NUMBER

68716

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:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested</th>
<th>Cost ($000)</th>
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<tbody>
<tr>
<td></td>
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</tbody>
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NA
**1. COMPONENT**

**FY 2007** MILITARY CONSTRUCTION PROJECT DATA

**2. DATE**

26 FEB 2007

**3. INSTALLATION AND LOCATION**

Port Campbell
Kentucky

**Unit Operations Facilities**

**4. PROJECT TITLE**

**5. PROGRAM ELEMENT**

22096A

**6. CATEGORY CODE**

141

**7. PROJECT NUMBER**

68712

**8. PROJECT COST ($000)**

- Auth: 18,000
- Appropriated: 18,000

**9. COST ESTIMATES**

<table>
<thead>
<tr>
<th>ITEM</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>UNIT COST</th>
<th>COST ($000)</th>
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<tbody>
<tr>
<td>PRIMARY FACILITY</td>
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<td>m2 (SF)</td>
<td>3,279 ( 35,290)</td>
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<td>m2 (SY)</td>
<td>9,009 (10,775)</td>
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<td>Total from Continuation page</td>
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<td>SUPPORTING FACILITIES</td>
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<td>Paving, Walks, Curbs &amp; Gutters</td>
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<td>Antiterrorism Measures</td>
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**ESTIMATED CONTRACT COST**

15,549

**CONTINGENCY PERCENT (5.00%)**

777

**SUBTOTAL**

16,326

**SUPV, INS & OVERHEAD (5.70%)**

931

**DESIGN/BUILD - DESIGN COST**

653

**TOTAL REQUEST**

17,910

**TOTAL REQUEST (ROUNDED)**

18,000

**10. Description of Proposed Construction**

Construct standard design company operations and vehicle maintenance facilities. The project will include company operations 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
4. PROJECT TITLE

Unit Operations Facilities

5. PROJECT NUMBER

68712

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
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<th>COST ($000)</th>
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<td>Building Information Systems</td>
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<td><strong>Total</strong></td>
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<td><strong>364</strong></td>
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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................... 0.00
       (c) Date 35% Designed................................. SEP 2007
       (d) Date Design Complete.............................. NOV 2007
       (e) Parametric Cost Estimating Used to Develop Costs NO
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:

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

          NA
## 1. COMPONENT

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<tbody>
<tr>
<td></td>
<td></td>
<td>26 FEB 2007</td>
</tr>
</tbody>
</table>

## 3. INSTALLATION AND LOCATION

- Fort Leonard Wood
- Missouri
- Trainee Barracks Complex

## 4. PROJECT TITLE

Project Title: 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 kWr/840 Tons).

## 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

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<tr>
<th>ITEM</th>
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<th>QUANTITY</th>
<th>UNITCOST</th>
<th>COST ($000)</th>
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<td>PRIMARY FACILITY</td>
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<td>SUPPORTING FACILITIES</td>
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<td>(347)</td>
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<tr>
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<td>Antiterrorism Measures</td>
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<td><strong>ESTIMATED CONTRACT COST</strong></td>
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<td><strong>CONTINGENCY PERCENT (5.00%)</strong></td>
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<td><strong>SUBTOTAL</strong></td>
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<td>SUPV, INS &amp; OVERHEAD (5.70%)</td>
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<td>4,006</td>
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<td>DESIGN/BUILD - DESIGN COST</td>
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<td>TOTAL REQUEST (ROUNDED)</td>
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</table>

## 11. REQ:

- 10,560 PN
- ADQT: 1,200 PN
- SUBSTD: 7,920 PN

## 12. PROJECT:

Construct a battalion-sized trainee barracks complex for 1200 trainees.
Trainee Barracks Complex

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>Unit Cost</th>
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</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY (CONTINUED)</td>
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<td>(1,446)</td>
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<td>Building Information Systems</td>
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<tr>
<td>Total</td>
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<td></td>
<td>2,503</td>
</tr>
</tbody>
</table>

PROJECT: (CONTINUED)

trainees, battalion headquarters.(New Mission).

REQUIREMENT: Provide a trainee barracks complex to support 1200 trainees and a cadre of 100-130 for increasing load on the installation. The site is located in the southern portion of the cantonment area and southwest of the intersection of South Dakota Avenue and Iowa Avenue. This trainee complex is being accelerated to accommodate the permanent increase in the Army’s end-strength under the Grow The Force (GTF) initiative.

CURRENT SITUATION: The Army requirement for trainees (Basic Combat Training (BCT) and One Station Unit Training (OSUT)) is being increased under the GTF initiative. There are no additional barracks to increase this capacity at Fort Leonard Wood and continue training BCT and OSUT at required levels.

IMPACT IF NOT PROVIDED: Current and projected training demands have exceeded existing troop housing assets. If new barracks are not provided, Initial Entry Training (IET) soldiers will be placed in relocatable barracks or overcrowded rolling pin barracks.

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

2. DATE
   FY 2007
   MILITARY CONSTRUCTION PROJECT DATA
   26 FEB 2007

3. INSTALLATION AND LOCATION
   Port Leonard Wood, Missouri

4. PROJECT TITLE
   Trainee Barracks Complex

5. PROJECT NUMBER
   68728

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:

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<th>Fiscal Year</th>
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<th>Procuring Appropriation</th>
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<tr>
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<td></td>
</tr>
</tbody>
</table>

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED PAGE NO. 277
### 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).

### Description of Proposed Construction

<table>
<thead>
<tr>
<th>Item</th>
<th>U.M. (M/E)</th>
<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
</tr>
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<tbody>
<tr>
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<tr>
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<td>(539)</td>
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<td>(70)</td>
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<td><strong>Subtotal</strong></td>
<td></td>
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</tr>
<tr>
<td>Supv, Ins &amp; Overhead (5.70%)</td>
<td></td>
<td></td>
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<tr>
<td>Design/Build - Design Cost</td>
<td></td>
<td></td>
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<td><strong>Total Request</strong></td>
<td></td>
<td></td>
<td>14,698</td>
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<td>Total Request (Rounded)</td>
<td></td>
<td></td>
<td>14,600</td>
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<tr>
<td>Installed Eqt - Other Approp</td>
<td></td>
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</tr>
</tbody>
</table>

**Project**: Construct standard design operations and maintenance facilities. (New mission)
4. PROJECT TITLE
Unit Operations Facilities

5. PROJECT NUMBER
68720

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>Cost  ($)</th>
<th>Unit Cost ($)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY (CONTINUED)</td>
<td></td>
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<tr>
<td>Oil Storage Building</td>
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<td>EMCS Connections</td>
<td>LS</td>
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<td>Antiterrorism Measures</td>
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<td>Building Information Systems</td>
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<td>Total</td>
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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. 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

3. INSTALLATION AND LOCATION

Port Drum, New York

4. PROJECT TITLE

Unit Operations Facilities

5. PROJECT NUMBER

68720

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started.............................. MAR 2007
(b) Percent Complete As Of January 2006............. 0.00
(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:

<table>
<thead>
<tr>
<th>Fiscal Year</th>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested ($000)</th>
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<tbody>
<tr>
<td>NA</td>
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Installation Engineer: JAMES W. CORRIVEAU
Phone Number: 315-772-5371
## Project Title

### Program Element: 22096A

<table>
<thead>
<tr>
<th>Description of Proposed Construction</th>
<th>Quantity</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Company Operations Facilities</td>
<td>m² (SF)</td>
<td>4,129</td>
<td>1,119</td>
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<tr>
<td>Covered Hardstand</td>
<td>m² (SF)</td>
<td>620.96</td>
<td>484.38</td>
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<tr>
<td>Vehicle Maintenance Shop</td>
<td>m² (SF)</td>
<td>1,672</td>
<td>1,453</td>
</tr>
<tr>
<td>Organizational Vehicle Parking</td>
<td>m² (SY)</td>
<td>17,869</td>
<td>46.64</td>
</tr>
<tr>
<td>IDS Installation</td>
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<td>--</td>
</tr>
<tr>
<td>Total from Continuation page</td>
<td></td>
<td></td>
<td>(410)</td>
</tr>
<tr>
<td><strong>Supporting Facilities</strong></td>
<td></td>
<td></td>
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<tr>
<td>Electric Service</td>
<td>LS</td>
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<td>--</td>
</tr>
<tr>
<td>Water, Sewer, Gas</td>
<td>LS</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Paving, Walks, Curbs &amp; Gutters</td>
<td>LS</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Storm Drainage</td>
<td>LS</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Site Imp( 102) Demo( 189)</td>
<td>LS</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Information Systems</td>
<td>LS</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Antiterrorism Measures</td>
<td>LS</td>
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<td>--</td>
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<tr>
<td><strong>Estimated Contract Cost</strong></td>
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<td>10,257</td>
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<tr>
<td>Contingency Percent (5.00%)</td>
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<td><strong>Subtotal</strong></td>
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<td></td>
<td>10,770</td>
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<tr>
<td>SUPV, INSP &amp; OVERHEAD (5.70%)</td>
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<td>Design/Build - Design Cost</td>
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<tr>
<td>Total Request (Rounded)</td>
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<td>11,800</td>
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<tr>
<td>Installed Eqt-Others Approp</td>
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<td>(1,604)</td>
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</tbody>
</table>

### 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 kWr/135 Tons).

### 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

2. DATE

FY 2007 MILITARY CONSTRUCTION PROJECT DATA

3. INSTALLATION AND LOCATION

Fort Bragg, North Carolina

4. PROJECT TITLE

Unit Operations Facilities

5. PROJECT NUMBER

68718

9. COST ESTIMATES (CONTINUED)

<table>
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<th>Item</th>
<th>UM (M/E)</th>
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<th>Unit Cost ($000)</th>
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<tbody>
<tr>
<td>PRIMARY FACILITY (CONTINUED)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>EMCS Connections</td>
<td>LS</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Antiterrorism Measures</td>
<td>LS</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Building Information Systems</td>
<td>LS</td>
<td>--</td>
<td>--</td>
</tr>
<tr>
<td>Total</td>
<td></td>
<td></td>
<td>410</td>
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</tbody>
</table>

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................ 0.00
(c) Date 35% Designed...................................... SEP 2007
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:

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Fiscal Year</th>
<th>Appropriation</th>
<th>Cost ($000)</th>
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<td>2008</td>
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<tr>
<td>Classroom</td>
<td>2008</td>
<td>112</td>
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<tr>
<td>Info Sys - ISC</td>
<td>OPA</td>
<td>2013</td>
<td>125</td>
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TOTAL: 1,604
1. COMPONENT

2. DATE

ARMY
FY 2007
MILITARY CONSTRUCTION PROJECT DATA
26 FEB 2007

3. INSTALLATION AND LOCATION

4. PROJECT TITLE

Port Bliss
Texas
Unit Operations Facilities

5. PROGRAM ELEMENT

6. CATEGORY CODE

7. PROJECT NUMBER

8. PROJECT COST ($000)

22096A 141 68714 38,000

9. COST ESTIMATES

<table>
<thead>
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<th>ITEM</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>UNITCOST</th>
<th>COST($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY FACILITY</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battalion Headquarters</td>
<td>m2 (SF)</td>
<td>1,016 ( 10,931)</td>
<td>1,787</td>
<td>(1,815)</td>
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<tr>
<td>Organizational Classroom</td>
<td>m2 (SF)</td>
<td>382.30 ( 4,115)</td>
<td>1,561</td>
<td>(597)</td>
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<tr>
<td>Company Operations Facilities</td>
<td>m2 (SF)</td>
<td>6,789 ( 73,076)</td>
<td>1,507</td>
<td>(10,231)</td>
</tr>
<tr>
<td>Covered Hardstand</td>
<td>m2 (SF)</td>
<td>1,020 ( 10,983)</td>
<td>699.66</td>
<td>(714)</td>
</tr>
<tr>
<td>Vehicle Maintenance Shop</td>
<td>m2 (SF)</td>
<td>3,279 ( 35,290)</td>
<td>1,938</td>
<td>(6,352)</td>
</tr>
</tbody>
</table>

Total from Continuation page | | | (4,013) |

SUPPORTING FACILITIES | | | |
| 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, INSPI & 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).
3. INSTALLATION AND LOCATION

Fort Bliss, Texas

4. PROJECT TITLE

Unit Operations Facilities

5. PROJECT NUMBER

68714

9. COST ESTIMATES (CONTINUED)

<table>
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<tr>
<th>Item</th>
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<th>COST</th>
<th>($000)</th>
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<tbody>
<tr>
<td>Deployment Equipment Storage</td>
<td>m2 (SF)</td>
<td>585.29</td>
<td>6,300</td>
<td>925.69</td>
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<td>Organizational Vehicle Parking</td>
<td>m2 (SY)</td>
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<td>(100)</td>
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<tr>
<td>EMCS Connections</td>
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<td>Antiterrorism Measures</td>
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<td>Building Information Systems</td>
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<tr>
<td><strong>Total</strong></td>
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<td>4,013</td>
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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
12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:
   (a) Date Design Started................................. MAR 2007
   (b) Percent Complete As Of January 2006...................... 0.00
   (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:

<table>
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<tr>
<th>Fiscal Year</th>
<th>Appropriated</th>
<th>Or Requested</th>
<th>Cost</th>
</tr>
</thead>
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<tr>
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<td>Appropriated</td>
<td>Or Requested</td>
<td>Cost</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------</td>
<td>--------------</td>
<td>-------</td>
</tr>
<tr>
<td>NA</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
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).
PROJECT TITLE: Unit Operations Facilities

PROJECT NUMBER: 68670

9. COST ESTIMATES (CONTINUED)

<table>
<thead>
<tr>
<th>Item</th>
<th>UM (M/E)</th>
<th>QUANTITY</th>
<th>Unit Cost</th>
<th>Cost ($000)</th>
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<tbody>
<tr>
<td>PRIMARY FACILITY (CONTINUED)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Oil Storage Building</td>
<td>m2 (SF)</td>
<td>44.59 (480)</td>
<td>795.29</td>
<td>(35)</td>
</tr>
<tr>
<td>IDS Installation</td>
<td>LS</td>
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<td>--</td>
<td>(8)</td>
</tr>
<tr>
<td>EMCS Connections</td>
<td>LS</td>
<td>--</td>
<td>--</td>
<td>(50)</td>
</tr>
<tr>
<td>Antiterrorism Measures</td>
<td>LS</td>
<td>--</td>
<td>--</td>
<td>(210)</td>
</tr>
<tr>
<td>Building Information Systems</td>
<td>LS</td>
<td>--</td>
<td>--</td>
<td>(397)</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td></td>
<td></td>
<td><strong>700</strong></td>
</tr>
</tbody>
</table>

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
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:

<table>
<thead>
<tr>
<th>Equipment Nomenclature</th>
<th>Procuring Appropriation</th>
<th>Appropriated Or Requested Cost ($000)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
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<td></td>
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</table>