FY 2008 GLOBAL WAR ON TERROR BUDGET ESTIMATE

Military Construction, Army
Construction Project Data

February 2007

TABLE OF CONTENTS

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DEPARTMENT OF DEFENSE

MILITARY CONSTRUCTION

Military Construction, Army

For an additional amount for "Military Construction, Army", $738,850,000, to remain available until September 30, 2012: 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 $738,850,000 to fund various military construction projects to support Operations Iraqi Freedom and Enduring Freedom. The requested funds will provide force protection measures, airfield facilities, operational facilities, support facilities, fuel handling & storage, and roads.

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DEPARTMENT OF THE ARMY
FY 2008 GWOT Budget Request
Narrative Justification

Category – Military Construction

	FY08 GWOT	Total
MILCON	**$738,850**	**$738,850**

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

2. MILCON

This request supports the National Strategy for the Global War on Terror 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 Iraq. These projects fulfill the Departments immediate mission needs and urgent infrastructure requirements in the theater in support of ongoing operations in Afghanistan and Iraq.. These projects are critical in providing for the life, health, and safety of the Soldiers prosecuting OIF and OEF. The two projects at Bagram, Afghanistan expand on the infrastructure projects that were submitted for the FY 07 Supplemental request. As a Forward Operating Site, Bagram must be able to provide for a long term steady state presence while being able to surge to meet theater contingency requirements. The Ammunition Supply Point project will provide a greater safety capacity to allow the storage of munitions needed for strategic bombing. Currently, power generation at Bagram is from contracted generators that cost $11M per year and is not capable of supporting the increasing demands. The design for the replacement generator will meet future demands even at peak power surges while significantly decreasing the cost of power generation.

The thirty-one projects in Iraq support the commander's strategy on consolidating U.S. Forces in the final Operational Overwatch Contingency Operation Bases and Locations. Seven projects support landfills which are part of the retrograde plan and closure activities (Fallujah, Marez, Warrior, Taquadum, and Ramadi). These landfills are required to ensure we meet environmental, base camp closure, and property disposal procedures. As we close these sites there is significant need for landfill sites that cannot be met through contracts or retrograde to properly dispose of the waste, and non-retrogradeable material. The final consolidation location will also have landfills (VBC, Speicher, Al Asad, and LSA Anaconda) to prep for their eventual closure and provide sufficient capacity to handle the remaining waste generated through current operations.

The four urban bypass projects increase the safety of the forces by allowing future traffic to bypass urban areas, minimize IED threat, and improve trafficability between the final consolidation bases and the neighboring countries. The five power plant projects provide increased power generation capacity at two of the final Contingency Operation Bases and two of the final Contingency Operation Locations. These sites will require additional power generation as the force consolidates and as smaller Contingency Operating sites are closed. These power plants also replace smaller leased generators lowering the annual cost for power generation. Two logistic facilities and six infrastructure projects on the final Operational Overwatch Bases are designed to ensure the future needs are met for water, fuel, and supply storage. The six remaining projects replace deteriorated facilities, construct new Life Support Areas and provide force protection measures as MNF-I forces consolidate forces into the final Operation Overwatch Contingency Operation Bases and Locations.

FY2008 Military Construction Global War on Terror Request
Military Construction, Army

($ in thousands)

Project Name	Project Number	FY 2008 Request	Page No.
Afghanistan			
Army			
Bagram Air Base			
Ammunition Supply Point	68082	$62,000	**27**
Power Plant	68067	$41,000	**29**
Total Bagram Air Base, Afghanistan		$103,000	
Iraq			
Army			
Camp Adder			
Power Plant	67994	$39,000	**33**
Petroluem Oil & Lubricant Storage Area	68014	$10,000	**37**
Waste Water Treatment and Collection System	68013	$9,800	**41**
Multi Class Storage Warehouse	68003	$17,000	**45**
Entry Control Point	68001	$4,850	**49**
Total Adder		$80,650	
Al Asad			
Power Plant	67992	$40,000	**53**
Landfill Construction	68022	$3,100	**57**
Urban By Pass Road	68006	$43,000	**61**
Total Al Asad		$86,100	
LSA Anaconda			
Landfill Construction	68020	$6,200	**65**
Power Plant	67990	$39,000	**69**
Urban By Pass Road	68007	$43,000	**73**
Total LSA Anaconda		$88,200	
Fallujah			
Landfill Construction	68017	$880	**77**
Total Fallujah		$880	
Camp Marez			
Landfill Construction	68019	$880	**81**
Total Marez		$880	
Mosul			
Urban By Pass Road	68009	$43,000	**85**
Total Mosul		$43,000	

FY2008 Military Construction Global War on Terror Request
Military Construction, Army

($ in thousands)

Project Name	Project Number	FY 2008 Request	Page No.
Q-West			
Power Plant	67993	$26,000	**89**
Total Q-West		$26,000	
Camp Ramadi			
Landfill Construction	68015	$880	**93**
Total Ramadi		$880	
Scania			
Entry Control Point	68000	$5,000	**97**
Total Scania		$5,000	
Camp Speicher			
Power Plant	67991	$39,000	**101**
Landfill Construction	68021	$5,900	**105**
Waste Water Treatment and Collection System	68011	$9,800	**109**
Rotary Wing Parking Apron	68004	$49,000	**113**
Total Speicher		$103,700	
Camp Taqqadum			
Landfill Construction	68016	$880	**117**
Total Taqqadum		$880	
Tikrit			
Urban By Pass Road	68008	$43,000	**121**
Total Tikrit		$43,000	
Camp Victory			
Landfill Construction	68023	$6,200	**125**
Entry Control Point	68002	$5,000	**129**
Level 3 Hospital	68005	$13,400	**133**
Waste Water Treatment and Collection System	68012	$9,800	**137**
Total Victory		$34,400	
Camp Warrior			
Landfill Construction	68018	$880	**141**
Total Warrior		$880	

FY2008 Military Construction Global War on Terror Request
Military Construction, Army

($ in thousands)

Project Name	Project Number	FY 2008 Request	Page No.
Various Locations			
Facilities Replacement, Phase I	68010	$36,000	**145**
Facilities Replacement, Phase II	67998	$36,000	**149**
Overhead Cover- eGlass	67995	$30,000	**153**
Total Various Locations, Iraq		$102,000	
Total Iraq		$616,450	
Total Afghanistan and Iraq		$719,450	
Worldwide			
Army			
Various Locations			
Planning & Design	68198	$19,400	**157**
Total Various Locations, Worldwide		$19,400	
Total Worldwide		$19,400	
Total Military Construction, Army		$738,850	

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Summary of Military Construction Projects

Component: ARMY

Category: Support Facilities

Project: ASP (PN 68082)

Location: Bagram, Afghanistan

($000) Amount: $62,000

Description/Justification: This project will build 12 munitions storage igloos that will support both Army and Air Force requirements on the base. These igloos will increase the size and amount of munitions that can be stored at Bagram.

Impact if not provided: Without this project, the units will not be able to store the larger munitions for their bombers and limits the amount of these munitions that can be stored. This project will allow the storage of these type of munitions which increase the Air Forces ability to project more air power from Bagram.

Category: Utilities

Project: Power Plant (PN 68067)

Location: Bagram, Afghanistan

($000) Amount: $41,000

Description/Justification: This project will replace a smaller lease power plant with a larger power plant and distribution system. Afghanistan does not have a commercial power grid. A continuous, reliable power plant is needed to meet the current and future Bagram Air Field (BAF), Afghanistan operational requirements. The power plant will significantly improve power reliability & stability to this critical Forward Operating Site. In addition, the power plant will dramatically reduce the expenses currently incurred with the smaller leased power plant.

Impact if not provided: If not provided, the current electrical capacity will not meet the new requirements.

Summary of Military Construction Projects

Category: Utilities

Project: Power Plant (PN 67994)

Location: Adder, Iraq

($000) Amount: $39,000

Description/Justification: This project will construct a power plant and distribution system. Currently there is no primary electrical power distribution infrastructure of sufficient capacity exists within reasonable proximity to areas which existing and planned facilities may source their electrical power. Currently the camp uses 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: If not provided, the current electrical capacity will not meet the new requirements. Also the air quality will continue to degrade causing further environmental issues.

Category: Utilities

Project: **POL Storage Area** (PN 68014)

Location: Camp Adder, Iraq

($000) Amount: $10,000

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

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

Summary of Military Construction Projects

Category: Utilities

Project: Waste Water Treatment and Collection System (PN 68013)

Location: Camp Adder, Iraq

($000) Amount: $9,800

Description/Justification: This project will construct a waste water treatment plant and sewage collection system. The installation currently trucks sewage off base because there are no sewage systems. 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. The constant transfer process from tanks to trucks results in frequent leaks that leaves waste water spilled on the ground.

Impact if not provided: If not provided, the sewage removal process will create traffic congestion resulting in disruption of operations.

Category: Warehouse

Project: Multi Class Storage Warehouse (PN 68003)

Location: Camp Adder, Iraq

($000) Amount: $17,000

Description/Justification: Project will construct a warehouse to support logistical operations. Warehouse will include a controlled humidity system to improve materials storage life.

Impact if not provided: If not provided, warehouses supplies will be stored in the open and subject to environmental degradation; therefore delaying support to deploying units and stressing the supply system.

Summary of Military Construction Projects

Category: Force Protection

Project: Entry Control Point (PN 68001)

Location: Adder, Iraq
($000) Amount: $4,850

Description/Justification: This project will construct an Entry Control Point (ECP) to include a Processing Facility and site work to provide a search area for vehicles entering the base. The existing ECPs are not sufficient 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 the initial entry control point, putting military personnel at increased risk to vehicle borne improvised explosive devices and small arms fire.

Category: Utilities

Project: Power Plant (PN 67992)

Location: AL Asad, Iraq

($000) Amount: $40,000

Description/Justification: This project will construct a power plant and distribution system. Currently there is no primary electrical power distribution infrastructure of sufficient capacity exists within reasonable proximity to areas which existing and planned facilities may source their electrical power. Currently the camp uses 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: If not provided, the current electrical capacity will not meet the new requirements. Also the air quality will continue to degrade causing further environmental issues.

Summary of Military Construction Projects

Category: Utilities

Project: Landfill (PN 68022)

Location: Al Asad, Iraq

($000) Amount: $3,100

Description/Justification: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

Impact if not provided: If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Road/Force Protection

Project: Urban By Pass Road (counter IED) (PN 68006)

Location: Al Asad, Iraq

($000) Amount: $43,000

Description/Justification: This project will construct a portion of an 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 for US and Coalition forces.

Category: Utilities

Project: Landfill (PN 68020)

Location: LSA Anaconda, Iraq

($000) Amount: $6,200

Description/Justification: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

Impact if not provided: If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Utilities

Project: Power Plant (PN 67990)

Location: LSA Anaconda, Iraq

($000) Amount: $39,000

Description/Justification: This project will construct a power plant and distribution system. Currently there is no primary electrical power distribution infrastructure of sufficient capacity exists within reasonable proximity to areas which existing and planned facilities may source their electrical power. Currently the camp uses 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: If not provided, the current electrical capacity will not meet the new requirements. Also the air quality will continue to degrade causing further environmental issues.

Summary of Military Construction Projects

Category: Road/Force Protection

Project: Urban By Pass Road (counter IED) (PN 68007)

Location: Anaconda, Iraq

($000) Amount: $43,000

Description/Justification: This project will construct a portion of an 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 for US and Coalition forces.

Category: Utilities

Project: Landfill (PN 68017)

Location: Camp Fallujah, Iraq

($000) Amount: $880

Description/Justification: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

Impact if not provided: If not provided the camp personnel will continue to be exposed to hazardous smoke.

Summary of Military Construction Projects

Category: Utilities

Project: Landfill (PN 68019)

Location: Camp Marez, Iraq

($000) Amount: $880

Description/Justification: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

Impact if not provided: If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Road/Force Protection

Project: Urban By Pass Road (counter IED) (PN 68009)

Location: Mosul, Iraq

($000) Amount: $43,000

Description/Justification: This project will construct a portion of an 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 for US and Coalition forces.

Category: Utilities

Project: Power Plant (PN 67993)

Location: Q-West, Iraq

($000) Amount: $26,000

Description/Justification: This project will construct a power plant and distribution system. Currently there is no primary electrical power distribution infrastructure of sufficient capacity exists within reasonable proximity to areas which existing and planned facilities may source their electrical power. Currently the camp uses 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: If not provided, the current electrical capacity will not meet the new requirements. Also the air quality will continue to degrade causing further environmental issues.

Category: Utilities

Project: Landfill (PN 68015)

Location: Camp Ramadi, Iraq

($000) Amount: $880

Description/Justification: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

Impact if not provided: If not provided the camp personnel will continue to be exposed to hazardous smoke.

Summary of Military Construction Projects

Category: Force Protection

Project: Entry Control Point (PN 68000)

Location: Scania, Iraq

($000) Amount: $5,000

Description/Justification: This project will construct an Entry Control Point (ECP) to include a Processing Facility and site work to provide a search area for vehicles entering the base. The existing ECPs are not sufficient 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 the 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: Utilities

Project: Power Plant (PN 67991)

Location: Camp Speicher, Iraq

($000) Amount: $39,000

Description/Justification: This project will construct a power plant and distribution system. Currently there is no primary electrical power distribution infrastructure of sufficient capacity exists within reasonable proximity to areas which existing and planned facilities may source their electrical power. Currently the camp uses 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: If not provided, the current electrical capacity will not meet the new requirements. Also the air quality will continue to degrade causing further environmental issues.

Category: Utilities

Project: Landfill (PN 68021)

Location: Camp Speicher, Iraq

($000) Amount: $5,900

Description/Justification: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

Impact if not provided: If not provided the camp personnel will continue to be exposed to hazardous smoke.

Category: Utilities

Project: Waste Water Treatment and Collection System (PN 68011)

Location: Camp Speicher, Iraq

($000) Amount: $9,800

Description/Justification: This project will construct a waste water treatment plant and sewage collection system. The installation currently trucks sewage off base because there are no sewage systems. 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. The constant transfer process from tanks to trucks results in frequent leaks that leaves waste water spilled on the ground.

Impact if not provided: If not provided, the sewage removal process will create traffic congestion resulting in disruption of operations.

Summary of Military Construction Projects

Category: Airfield Operations

Project: Rotary Wing Parking Apron (PN 68004)

Location: Camp Speicher, Iraq

($000) Amount: $49,000

Description/Justification: This project will construct a heavy aircraft apron. 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 base.

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: Utilities

Project: Landfill (PN 68016)

Location: Camp Taqqadum, Iraq

($000) Amount: $880

Description/Justification: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

Impact if not provided: If not provided the camp personnel will continue to be exposed to hazardous smoke.

Summary of Military Construction Projects

Category: Road/Force Protection

Project: Urban By Pass Road (counter IED) (PN 68008)

Location: Tikrit, Iraq

($000) Amount: $43,000

Description/Justification: This project will construct a portion of an 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 for US and Coalition forces.

Category: Utilities

Project: Landfill (PN 68023)

Location: Camp Victory, Iraq

($000) Amount: $6,200

Description/Justification: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

Impact if not provided: If not provided the camp personnel will continue to be exposed to hazardous smoke.

Summary of Military Construction Projects

Category: Force Protection

Project: Entry Control Point (PN 68002)

Location: Camp Victory, Iraq

($000) Amount: $5,000

Description/Justification: This project will construct an Entry Control Point (ECP) to include a Processing Facility and site work to provide a search area for vehicles entering the base. The existing ECPs are not sufficient 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 the 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: Facility

Project: Level 3 Hospital (PN 68005)

Location: Camp Victory, Iraq

($000) Amount: $13,400

Description/Justification: Project will construct a new Level 3 Medical Clinic. The current mobile units are located in tents that are not suitable as long-term medical facilities. Tents will begin to deteriorate within the year and will have to be replaced. Air distribution ductwork is beginning to deteriorate as well. These conditions are conducive to mildew growth that could result in respiratory illness leading to a decline in medical care.

Impact if not provided: Existing facilities are not protected against explosive shrapnel. As they are located in close proximity to the Camp's perimeter, they are susceptible to periodic rocket and mortar attacks. This force protection construction is essential to saving Soldiers' lives.

Summary of Military Construction Projects

Category: Utilities

Project: Waste Water Treatment and Collection System (PN 68012)

Location: Camp Victory, Iraq

($000) Amount: $9,800

Description/Justification: This project will construct a waste water treatment plant and sewage collection system. The installation currently trucks sewage off base because there are no sewage systems. 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. The constant transfer process from tanks to trucks results in frequent leaks that leaves waste water spilled on the ground.

Impact if not provided: If not provided, the sewage removal process will create traffic congestion resulting in disruption of operations.

Category: Utilities

Project: Landfill (PN 68018)

Location: Camp Warrior, Iraq

($000) Amount: $880

Description/Justification: Project will construct a landfill for the safe disposal of incinerator ash and other solid waste generated at the base. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.

Impact if not provided: If not provided the camp personnel will continue to be exposed to hazardous smoke.

Summary of Military Construction Projects

Category: Support Facilities

Project: Facilities Replacement, phase I (PN 68010)

Location: Various, Iraq

($000) Amount: $36,000

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.

Category: Support Facilities

Project: Facilities Replacement, Phase II (PN 67998)

Location: Various, Iraq

($000) Amount: $36,000

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.

Category: Force Protection

Project: Overhead Cover -eGlass (PN 67995)

Location: Various, Iraq

($000) Amount: $30,000

Description/Justification: Project will construct facility overhead cover systems for selected high-density gathering facilities at various locations in Iraq. Specific facilities are prioritized based upon threat and vulnerability assessments. The likelihood of attack on a high-density gathering facility has increased. There is mounting evidence that anti-Iraqi forces are specifically targeting these facilities.

Impact if not provided: Failure to provide overhead cover greatly increases the risk of mass casualties from indirect fire attacks.

Planning & Design

Project: Planning and Design (PN 68198)

Location: Iraq and Afghanistan

($000) Amount: $19,400

Category: n/a

Priority: n/a

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

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

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	422	68082	Auth 62,000 Approp 62,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				47,631
Ammunition Igloo	EA	54 --	600,000	(32,400)
Ammunition Holding Magazine	EA	12 --	670,000	(8,040)
Processing Facility	EA	3 --	2073000	(6,219)
Roads, Surfaced 12’ wide	m (LF)	4,180 (13,714)	167.75	(701)
Outbuildings	EA	2 --	135,717	(271)
SUPPORTING FACILITIES				5,435
Electric Service	LS	--	--	(598)
Antiterrorism Measures	LS	--	--	(3,832)
Lighting Protection System	LS	--	--	(1,005)
ESTIMATED CONTRACT COST				53,066
CONTINGENCY PERCENT (5.00%)				2,653
SUBTOTAL				55,719
SUPV, INSP & OVERHEAD (7.70%)				4,290
DESIGN/BUILD - DESIGN COST				2,229
TOTAL REQUEST				62,238
TOTAL REQUEST (ROUNDED)				62,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a new Ammunition Supply Point (ASP). Prepare site, build storage facilities, construct new outbuildings, and construct concrete inspection pads to ensure security of personnel and ammunition. Provide force protection by erecting concrete barriers, berms, fencing, and lighting for the area.

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

PROJECT: Construct Ammunition Supply Point.

REQUIREMENT: The ASP will meet all applicable requirements for force protection, munitions and airfield safety if needed.

CURRENT SITUATION: The current ASP is undersized and located within a required clear area. The inhabited building distance or safety for the amount and level of explosive stored in a current facility is not adequate, unsafe and very dangerous.

IMPACT IF NOT PROVIDED: If the current ASP is not relocated, personnel will continue to be at significant risk. The increase for damage or detonation to sensitive munitions that are stored becomes more likely. In addition, space is limited and the continued rocket threats to the area significantly increases the potential for a catastrophic event.

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Afghanistan Various, Afghanistan

4.PROJECT TITLE	5.PROJECT NUMBER
Ammunition Supply Point	68082

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 2007	.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	2,000
(b)	All Other Design Costs	
(c)	Total Design Cost	2,000
(d)	Contract	
(e)	In-house	2,000

(4)	Construction Contract Award	NOV 2007
(5)	Construction Start	MAR 2008
(6)	Construction Completion	SEP 2009

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

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

1. COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		03 FEB 2007

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
Afghanistan Various Afghanistan	Power Plant

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
	834	68067	Auth 41,000 Approp 41,000

9. COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				31,482
Electric Power, Oil-Fired	kWe(KW)	30,000 (30,000)	552.81	(16,584)
Power Plant Building	m2 (SF)	743.22 (8,000)	1,817	(1,350)
Electrical Switching Station	kVA(KVA)	900 (900)	19.20	(17)
Underground Electric Lines	m (LF)	4,267 (14,000)	354.79	(1,514)
Utilidors	m (LF)	4,267 (14,000)	232.09	(990)
Total from Continuation page				(11,027)
SUPPORTING FACILITIES				3,524
Electric Service	LS	--	--	(18)
Water, Sewer, Gas	LS	--	--	(685)
Paving, Walks, Curbs & Gutters	LS	--	--	(513)
Site Imp(1,803) Demo( )	LS	--	--	(1,803)
Antiterrorism Measures	LS	--	--	(505)
ESTIMATED CONTRACT COST				35,006
CONTINGENCY PERCENT (5.00%)				1,750
SUBTOTAL				36,756
SUPV, INSP & OVERHEAD (7.70%)				2,830
DESIGN/BUILD - DESIGN COST				1,470
TOTAL REQUEST				41,056
TOTAL REQUEST (ROUNDED)				41,000
INSTALLED EQT-OTHER APPROP				(0)

10. Description of Proposed Construction

Construction a 30 MW power plant, transformer substation and associated distribution system for the Base Camp power requirement in support of the camp personnel. Site work includes clearing, grubbing, and leveling the area for the power plant and plant operator's building. Power plant will consist of individual enclosed generator platforms, a modular control room, modular switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as office area, and bunkhouse.

11. REQ: 30,000 kWe ADQT: NONE SUBSTD: 30,000 kWe

PROJECT: Design and construct a 30MW power plant that is needed for the Base Camp power requirements. Provisions for future expansion must be included.

REQUIREMENT: A 30MW power plant expansion is needed for camp to provide reliable power to the Base Camp that does not degrade the overall environment. The design and construction of a 30MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for the use of plant power.

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Afghanistan Various, Afghanistan

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	68067

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Modular Control Room	EA		2	--	377,972	(756)
Transformers	EA		131	--	60,637	(7,943)
Substation	kVA	(KVA)	30,000	(30,000)	74.79	(2,244)
Diesel Oil Storage	L	(GA)	37,854	(10,000)	1.11	(42)
Ductile Iron, cls 50/fit join	m	(LF)	609.60	(2,000)	68.31	(42)
					Total	11,027

CURRENT SITUATION: Currently the Base Camp does not have the required prime power other than the use of diesel prime power generators for which cost the government over $20M per year. The diesel generators are expensive, require extensive maintenance and contribute to the poor air quality on entire Camp.
IMPACT IF NOT PROVIDED: The Base Camp will continue to expend large amounts of resources (currently over $20M) to lease the prime power generation plants. The diesel generators will continue to require additional maintenance and will continue to contribute to the poor air quality throughout the entire camp.
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 2007	.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	1,600
(b) All Other Design Costs	
(c) Total Design Cost	1,600
(d) Contract	
(e) In-house	1,600

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Afghanistan Various, Afghanistan

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	68067

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(5) Construction Start..... MAR 2008

(6) Construction Completion..... MAR 2010

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

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

NONE

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Adder Iraq	Power Plant

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	812	67994	Auth 39,000 Approp 39,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				31,295
Electric Power, Oil-Fired	kWe(KW)	30,000 (30,000)	547.00	(16,410)
Power Plant Building	m2 (SF)	743.22 (8,000)	1,798	(1,336)
Transformers	EA	130 --	60,000	(7,800)
Electrical Switchgear	kVA(KVA)	900 (900)	19.00	(17)
Diesel Oil Storage	L (GA)	37,854 (10,000)	1.10	(42)
Total from Continuation page				(5,690)
SUPPORTING FACILITIES				1,814
Electric Service	LS	--	--	(64)
Water, Sewer, Gas	LS	--	--	(750)
Paving, Walks, Curbs & Gutters	LS	--	--	(500)
Site Imp(500) Demo( )	LS	--	--	(500)
ESTIMATED CONTRACT COST				33,109
CONTINGENCY PERCENT (5.00%)				1,655
SUBTOTAL				34,764
SUPV, INSP & OVERHEAD (7.70%)				2,677
DESIGN/BUILD - DESIGN COST				1,391
TOTAL REQUEST				38,832
TOTAL REQUEST (ROUNDED)				39,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construction a 30 MW power plant, transformer substation and complete distribution system at LSA Adder in support of the camp personnel. Site work includes clearing, grubbing, and leveling the area for the power plant and plant operator's building. Power plant will consist of individual enclosed generator platforms, a modular control room, modular switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as office area, and bunkhouse.

11. REQ: 30,000 kWe ADQT: NONE SUBSTD: 30,000 kWe

PROJECT: Design and construct a 30MW power plant and distribution system that is needed for LSA Adder, Iraq. Provisions for future expansion must be included.

REQUIREMENT: A 30MW power plant expansion is needed for LSA Adder, Iraq to provide reliable power to the Base Camp that does not degrade the environment of the LSA. The design and construction of a 30MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for the use of plant power. The distribution system will allow for efficient disbursement

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Adder, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	67994

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Substation	kVA	(KVA)	30,000	(30,000)	121.23	(3,637)
Underground Electric Lines	m	(LF)	4,267	(14,000)	104.99	(448)
Utilidors	m	(LF)	4,267	(14,000)	229.66	(980)
Power Substa./Switch Sta. Bldg	m2	(SF)	185.81	(2,000)	1,798	(334)
Ductile Iron, cls 50/fit joint	m	(LF)	609.60	(2,000)	67.59	(41)
Information Systems	LS			--	--	(50)
Antiterrorism Measures	LS			--	--	(200)
					Total	5,690

REQUIREMENT: (CONTINUED)
without traffic interruption from overhead lines and excessive lengths that decrease efficiency.
CURRENT SITUATION: LSA Adder currently does not have the required prime power other than the use of diesel prime power generators for which cost the government over $20M per year. The diesel generators are expensive, require extensive maintenance and contribute to the poor air quality on the LSA Adder.
IMPACT IF NOT PROVIDED: LSA Adder will continue to expend large amounts of resources (currently over $20M) to lease the prime power generation plants. The diesel generators will continue to require additional maintenance and will continue to contribute to the poor air quality on the LSA Adder.
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 2007..... .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..... 1,400

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Adder, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	67994

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b)	All Other Design Costs	
(c)	Total Design Cost	1,400
(d)	Contract	
(e)	In-house	1,400

(4)	Construction Contract Award	NOV 2007
(5)	Construction Start	MAR 2008
(6)	Construction Completion	MAR 2009

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Adder Iraq	Petroleum Oil & Lubricant Storage Area

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	412	68014	Auth 10,000 Approp 10,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				7,250
Diesel Oil Storage	L (GA)	18927060 (5000000)	.33	(6,250)
POL Pipeline, Above Ground	LS	--	--	(1,000)
SUPPORTING FACILITIES				1,329
Site Imp(1,254) Demo( )	LS	--	--	(1,254)
Information Systems	LS	--	--	(75)
ESTIMATED CONTRACT COST				8,579
CONTINGENCY PERCENT (5.00%)				429
SUBTOTAL				9,008
SUPV, INSP & OVERHEAD (7.70%)				694
DESIGN/BUILD - DESIGN COST				360
TOTAL REQUEST				10,062
TOTAL REQUEST (ROUNDED)				10,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct POL tanks to include secondary containment, civil, electrical, and mechanical. Supporting work includes removal of existing fuel bladders and construction of infrastructure, and site preparation. DoD force protection standards will be met. Includes all work as necessary to provide a complete and useable POL storage facility.

11. REQ: 18,927,060 L ADQT: NONE SUBSTD: 18,927,060 L

PROJECT: Construct ten 500,000 gallon POL Tanks.

REQUIREMENT: CSC Adder is consolidating with Cedar II and becoming a Convoy Support Center. This base will support all supply convoys traveling to Iraq from Kuwait and points south. As such, it requires properly designed and constructed diesel fuel tanks to replace the current bladder farm. The bladder farm will not be a feasible solution for the increased operations tempo that CSC Adder faces with other bases consolidating here and the consolidation with Cedar II. Bladder farm maintenance will continue to interrupt critical fuel operations and will only get worse as the population increases.

CURRENT SITUATION: CSC Adder maintains fuel bladders in a farm to meet POL mission and storage requirements. These bladders occupy nearly 100 acres, present a large target to indirect fire, and have a limited life span in the

CURRENT SITUATION: (CONTINUED)
harsh desert environment. Fuel operations are often interrupted due to significant amounts of maintenance these bladders require.
IMPACT IF NOT PROVIDED: Fuel will continue to be stored in deteriorated temporary storage bladders, making fuel transfer more cumbersome and time consuming. Significant amounts of land will continue to be used, making the relocation of closed FOBs to this base more difficult. Bladder maintenance and replacement costs will continue to increase.
ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	MAR 2007
(b) Percent Complete As Of January 2007	.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	400
(b) All Other Design Costs	
(c) Total Design Cost	400
(d) Contract	
(e) In-house	400

(4) Construction Contract Award	NOV 2007
(5) Construction Start	MAR 2008
(6) Construction Completion	MAR 2009

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	
Camp Adder, Iraq	
4.PROJECT TITLE	5.PROJECT NUMBER
Petroleum Oil & Lubricant Storage Area	68014

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Adder Iraq	Waste Water Treatment and Collection Sys

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	841	68013	Auth 9,800 Approp 9,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				7,239
Primary Waste Water Treatment	L/d(KG)	3,785 (1,000)	792.52	(3,000)
Sewage/Waste Treatment Building	m2 (SF)	557.42 (6,000)	1,798	(1,002)
Sewage Lift Station	EA	2 --	206,050	(412)
Sewer Pump Station 1000 GPM	EA	2 --	125,000	(250)
Ductile Iron Pipe	m (LF)	7,010 (23,000)	188.12	(1,319)
Total from Continuation page				(1,256)
SUPPORTING FACILITIES				1,100
Electric Service	LS	--	--	(100)
Water, Sewer, Gas	LS	--	--	(175)
Paving, Walks, Curbs & Gutters	LS	--	--	(125)
Site Imp(500) Demo( )	LS	--	--	(500)
Antiterrorism Measures	LS	--	--	(200)
ESTIMATED CONTRACT COST				8,339
CONTINGENCY PERCENT (5.00%)				417
SUBTOTAL				8,756
SUPV, INSP & OVERHEAD (7.70%)				674
DESIGN/BUILD - DESIGN COST				350
TOTAL REQUEST				9,780
TOTAL REQUEST (ROUNDED)				9,800
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Wastewater Treatment Plant and Collection System capable of handling up to 1 Million Gallons Per Day. Project includes sewer mains & collection lines, manholes, liftstations, pumping station, emergency generators, sitework, paving, utilities, and anti-terrorism measures. Existing utilities and wastewater structures such as retention and oxidation ponds will be used to the maximum extent possible.

11. REQ: 3,785 L/d ADQT: NONE SUBSTD: 3,785 L/d

PROJECT: Construct a Wastewater Collection and Treatment System.

REQUIREMENT: This project is needed to provide a safe and cost effective method of collecting and treating sewage wastewater. The method of collecting and removing wastewater from the sewer tanks is expensive, time consuming, and creates potential health and safety hazards. The project cost will amortize within one year based on current costs of pumping and trucking wasterwater to disposal sites.

CURRENT SITUATION: Most of the buildings have seperate sewer tanks that must be pumped out and the product taken off base for disposal. This trucking process is extremely expensive and and time consuming. The trucks must be inspected and searched prior to entering and leaving the base, which poses a

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
PVC, Schedule 40	m	(LF)	1,219	(4,000)	81.69	(100)
Concrete Manholes	EA		10	--	5,600	(56)
Roads, Surfaced	LS			--	--	(1,000)
Standby Generator	EA		4	--	25,000	(100)
					Total	1,256

CURRENT SITUATION: (CONTINUED)
huge force protection risk. The constant transfer from trucks to tanks results in frequent leaks that leaves sewage spilled on the ground.
IMPACT IF NOT PROVIDED: LSA Adder will continue to inefficiently collect and dispose of wastewater by trucking the sewage off post. Sewage pump truck movement within the installation will continue to pose potential threat as well as disrupting operations.
ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	MAR 2007
(b) Percent Complete As Of January 2007	.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	400
(b) All Other Design Costs	
(c) Total Design Cost	400
(d) Contract	
(e) In-house	400

(4) Construction Contract Award: NOV 2007

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Adder, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Water Treatment and Collection Sys	68013

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Adder Iraq	Multi Class Storage Warehouse

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	442	68003	Auth 17,000 Approp 17,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				12,205
Multi Class Storage Warehouse	m2 (SF)	5,812 (62,560)	2,100	(12,205)
SUPPORTING FACILITIES				2,348
Electric Service	LS	--	--	(1,600)
Water, Sewer, Gas	LS	--	--	(100)
Paving, Walks, Curbs & Gutters	LS	--	--	(300)
Site Imp(300) Demo( )	LS	--	--	(300)
Antiterrorism Measures	LS	--	--	(48)
ESTIMATED CONTRACT COST				14,553
CONTINGENCY PERCENT (5.00%)				728
SUBTOTAL				15,281
SUPV, INSP & OVERHEAD (7.70%)				1,177
DESIGN/BUILD - DESIGN COST				611
TOTAL REQUEST				17,069
TOTAL REQUEST (ROUNDED)				17,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Multi-Class Storage Warehouse to support logistical operations for the LSA Adder area of Iraq. The facility consists of four general purpose storage warehouses, one cold storage warehouse and two smaller storage sheds for hazard materials. The General Purpose storage facilities will include space for logistical personnel and management operations and racking system for both ground and elevated storage, this space will be climate controlled. Supporting facilities will include the related site work, construction of sunshades and concrete pads for material storage, concrete aprons around dock area, asphalt pavement for roadway networks and staging areas, service lines and a Unit Distribution System for electrical, water, sanitation sewer, communications, perimeter fence, and area lighting. Air conditioning is estimated to be 75 tons.

11. REQ: 5,812 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct a Multi-Class Warehouse to support operations for the LSA Adder.

REQUIREMENT: The current Commander, based on experiences and lessons learned supporting the buildup and operations supporting Operation Iraqi Freedom and the Global War on Terrorism, requires a logistics distribution center in the

REQUIREMENT: (CONTINUED)
region to enable rapid response to regional contingencies. This project is required to provide logistical support for increased inventory and improve the operational efficiency and readiness of the equipment and the installation.
CURRENT SITUATION: Currently, supplies and equipment are store in leased facilities in Kuwait City and even in the open desert environment. In addition to the current physical security concerns, off installation storage generates unnecessary logistics challenges of marrying UBLs with equipment for deploying units. Environmental losses and lease of facilities are much too expensive for the government to continue the burden of cost without an adequate warehouse. COMCFLCC's ability to respond quickly and decisively to regional contingencies continues to be hampered due to the poor desert storage conditions and off installation storage.
IMPACT IF NOT PROVIDED: Failure to build a new facility will not afford the theater the ability to efficiently manage materiel and protect stocks from the harsh desert environment. Lack of protection for the stocks will increase operating cost due to significantly reduced shelf life for the materiel staged and or stored at the existing facility.
ADDITIONAL: The Government of Kuwait provides significant monetary and material assistance and further pursuit of having them fund this action could result in negative impacts on our relations with their Government and reduction in the other assistance they are providing to our forces in their country. 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 2007	.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: YES
(b) Where Most Recently Used:

(3) Total Design Cost (c) = (a)+(b) OR (d)+(e):	($000)
(a) Production of Plans and Specifications	500
(b) All Other Design Costs	

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Adder, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Multi Class Storage Warehouse	68003

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(c) Total Design Cost..... 500

(d) Contract.....

(e) In-house..... 500

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Adder Iraq	Entry Control Point

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	154	68001	Auth 4,850 Approp 4,850

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,209
Installation Pass and ID Bldg	m2 (SF)	120.40 (1,296)	3,229	(389)
Ground Level Sentry Post	m2 (SF)	5.57 (60)	1,777	(10)
Guard Tower	EA	1 --	25,000	(25)
Roads, Access with Inspection	m (LF)	3,000 (9,843)	658.33	(1,975)
Protective Barrier, Pop-up	EA	2 --	107,500	(215)
Total from Continuation page				(595)
SUPPORTING FACILITIES				938
Electric Service	LS	--	--	(825)
Water, Sewer, Gas	LS	--	--	(83)
Paving, Walks, Curbs & Gutters	LS	--	--	(30)
ESTIMATED CONTRACT COST				4,147
CONTINGENCY PERCENT (5.00%)				207
SUBTOTAL				4,354
SUPV, INSP & OVERHEAD (7.70%)				335
DESIGN/BUILD - DESIGN COST				174
TOTAL REQUEST				4,863
TOTAL REQUEST (ROUNDED)				4,850
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct an entry control point and access road. Primary facilities will include the following; the required kilometers of paving to connect to the nearest large road (Highway), construction of a guard tower for the entry control point (ECP), and installation of several force protection requirements for the gate. Force protection improvements include pop-up barriers on ingress and egress routes, electronic gates, support buildings, lights, and communications cabling to allow installation of under vehicle cameras, full vehicle x-ray system, monitors, and intercom system. Supporting facilities include site utilities and site improvements.

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

PROJECT: Construct an Entry Control Point at LSA Adder, Iraq.

REQUIREMENT: Another ECP is needed to alleviate congestion at the only existing ECP and improve force protection by providing a second access point for quick entry/exit of the base in the event of an emergency. This new ECP will be located at another point of an industrial type area of LSA Adder and is defined in the current Base Camp Master Plan. This additional Entry Control Point will allow direct access to convoy support of supply and material storage.

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Adder, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Entry Control Point	68001

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Gate, Sliding Electric	EA	2 --	225,000	(450)
Exterior Lighting	LS	--	--	(50)
Under-Vehicle Camera System	EA	1 --	25,000	(25)
Light Set, Traffic Control	EA	2 --	35,000	(70)
			Total	595

CURRENT SITUATION: There is not a sufficient number of ECPs currently at LSA Adder, near its main logistics hub, where it receives many large convoys each day. The number of supply trucks arriving and departing each day is expected to reach close to 1,000 in the next few months. The current ECP often has traffic backed up for over two or more kilometers due to the large number of vehicles using the gate. The current truck route between the ECP and the new convoy support center/supply storage runs through undesired living the work areas.

IMPACT IF NOT PROVIDED: The population of LSA Adder is expected to increase by thousands over the next several months. This increase in population will exacerbate an already dangerous situation. The wait time to access the base can be 30 minutes or more due to the large number of vehicles using the ECP. This places the soldiers at risk of attack while they are waiting. The risk for a serious accident on the post will increase dramatically as the population doubles and the number of supply vehicles approaches 1,000 or more a day since the truck route runs through a heavily populated part of the camp

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 2007..... .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: YES

(b) Where Most Recently Used:

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Adder, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Entry Control Point	68001

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.....	150
(b) All Other Design Costs.....	
(c) Total Design Cost.....	150
(d) Contract.....	150
(e) In-house.....	
(4) Construction Contract Award.....	NOV 2007
(5) Construction Start.....	MAR 2008
(6) Construction Completion.....	MAR 2009

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Al Asad Air Base Iraq	Power Plant

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	812	67992	Auth 40,000 Approp 40,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				31,555
Electric Power, Oil-Fired	kWe(KW)	30,000 (30,000)	547.00	(16,410)
Power Plant Building	m2 (SF)	743.22 (8,000)	1,798	(1,336)
Transformers	EA	131 --	60,000	(7,860)
Electrical Switchgear	kVA(KVA)	900 (900)	19.00	(17)
Substation	kVA(KVA)	30,000 (30,000)	121.23	(3,637)
Total from Continuation page				(2,295)
SUPPORTING FACILITIES				2,614
Electric Service	LS	--	--	(64)
Water, Sewer, Gas	LS	--	--	(500)
Paving, Walks, Curbs & Gutters	LS	--	--	(500)
Storm Drainage	LS	--	--	(250)
Site Imp(800) Demo( )	LS	--	--	(800)
Antiterrorism Measures	LS	--	--	(500)
ESTIMATED CONTRACT COST				34,169
CONTINGENCY PERCENT (5.00%)				1,708
SUBTOTAL				35,877
SUPV, INSP & OVERHEAD (7.70%)				2,763
DESIGN/BUILD - DESIGN COST				1,435
TOTAL REQUEST				40,075
TOTAL REQUEST (ROUNDED)				40,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construction a 30 MW power plant, transformer substation and associated distribution system at Al Asad in support of the camp personnel. Site work includes clearing, grubbing, and leveling the area for the power plant and plant operator's building. Power plant will consist of individual enclosed generator platforms, a modular control room, modular switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as office area, and bunkhouse.

11. REQ: 30,000 kWe ADQT: NONE SUBSTD: 30,000 kWe

PROJECT: Design and construct a 30MW power plant expansion that is needed for Al Asad, Iraq. Provisions for future expansion must be included.

REQUIREMENT: A 30MW power plant expansion is needed for Al Asad, Iraq to provide reliable power to the Base Camp that does not degrade the environment. The design and construction of a 30MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for the use of plant power.

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Al Asad Air Base, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	67992

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY			Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)							
Diesel Oil Storage	L	(GA)	37,854	(	10,000)	1.10	(42)
Utilidors	m	(LF)	4,267	(	14,000)	229.66	(980)
Underground Electric Lines	m	(LF)	4,267	(	14,000)	104.99	(448)
Power Substa./Switch Sta. Bldg	m2	(SF)	185.81	(	2,000)	1,798	(334)
Ductile Iron, cls 50/fit joint	m	(LF)	609.60	(	2,000)	67.59	(41)
Information Systems	LS			--		--	(50)
Antiterrorism Measures	LS			--		--	(400)
						Total	2,295

CURRENT SITUATION: Al Asad currently does not have the required prime power other than the use of diesel prime power generators for which cost the government over $20M per year. The diesel generators are expensive, require extensive maintenance and contribute to the poor air quality on Al Asad.
IMPACT IF NOT PROVIDED: Al Asad will continue to expend large amounts of resources (currently over $20M) to lease the prime power generation plants. The diesel generators will continue to require additional maintenance and will continue to contribute to the poor air quality on Al Asad.
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 2007	.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	1,400
(b) All Other Design Costs	
(c) Total Design Cost	1,400
(d) Contract	1,400

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Al Asad Air Base, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	67992

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(e) In-house..... _____

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Al Asad Air Base Iraq	Landfill Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	834	68022	Auth 3,100 Approp 3,100

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				2,455
Foundation Layer (3 acres)	LS	--	--	(299)
Gas Collection Layer	LS	--	--	(539)
Geomembrane Barrier	LS	--	--	(523)
Compacted Barrier	LS	--	--	(410)
Drainage Layer	LS	--	--	(564)
Total from Continuation page				(120)
SUPPORTING FACILITIES				209
Electric Service	LS	--	--	(79)
Site Imp(130) Demo( )	LS	--	--	(130)
ESTIMATED CONTRACT COST				2,664
CONTINGENCY PERCENT (5.00%)				133
SUBTOTAL				2,797
SUPV, INSP & OVERHEAD (7.70%)				215
DESIGN/BUILD - DESIGN COST				112
TOTAL REQUEST				3,124
TOTAL REQUEST (ROUNDED)				3,100
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct a three acre landfill for a safe disposal of incinerator ash and other solid waste generated at Al Asad. The planned project consists of a foundation layer, gas collection venting system, and leachate collection and drainage system, and a ground water barrier but specific variations would be based on local geological and ground water conditions during the design process. Project includes site preparation, construction, perimeter fence, haul road, modular building, and all other necessary work to provide a complete and usable landfill and remediate existing nonstandard landfill.

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

PROJECT: Construct a 2.5 acre landfill to handle 30-ton per day solid waste generated at Al Asad.

REQUIREMENT: This landfill is to dispose of approximately 30 tons per day of solid waste generated by Al Asad. This landfill will augment incinerators already in use on the complex by safely disposing of solid waste not incinerated and disposal of the incinerator ash. This landfill will also be used for the remediation of already accumulated waste from open dumps and nonstandard hastily constructed landfill currently being used if funds are

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Perimeter Fence (1,450')	LS	--	--	(45)
Haul Road	LS	--	--	(50)
Modular Building	LS	--	--	(25)
			Total	120

REQUIREMENT: (CONTINUED)
identified during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.
CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit. Three 30-ton incinerators will be constructed in FY07. The daily ash from incinerators will require legitimate means of disposal.
IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. Al Asad will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.
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 2007.....	.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.....	125

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Al Asad Air Base, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Landfill Construction	68022

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b)	All Other Design Costs.....	
(c)	Total Design Cost.....	125
(d)	Contract.....	
(e)	In-house.....	125

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Al Asad Air Base Iraq	Urban By Pass Road

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	851	68006	Auth 43,000 Approp 43,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				34,081
Base & Shoulders	m3 (CY)	1438097 (1880960)	19.11	(27,481)
Culverts & Headwalls	EA	60 --	9,200	(552)
Asphalt Paving	m2 (SF)	897,409 (9659631)	4.31	(3,864)
Centerline & Edge of Pavement	m (LF)	2894760 (9497244)	.75	(2,184)
SUPPORTING FACILITIES				2,975
Site Imp(2,975) Demo( )	LS	--	--	(2,975)
ESTIMATED CONTRACT COST				37,056
CONTINGENCY PERCENT (5.00%)				1,853
SUBTOTAL				38,909
SUPV, INSP & OVERHEAD (7.70%)				2,996
DESIGN/BUILD - DESIGN COST				1,556
TOTAL REQUEST				43,461
TOTAL REQUEST (ROUNDED)				43,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct and upgrade a 90km (56 mile) Urban Bypass Road (Counter IED) to avoid densely populated and high threat urban areas for Al Asad, Iraq. Concrete or asphalt construction, either as new construction or overlay/improvement to existing roads where appropriate. Paving and right of way improvements to support simultaneous two-way heavy military traffic. Where required, site improvements including clearing, grading, and base course. Tall mast lighting where required. Culverts and support structures. Project includes force protection measures including specific engineered counter-IED features, and all work as required to provide a complete and useable road.

11. REQ: 90 km ADQT: NONE SUBSTD: NONE

PROJECT: Construct 90km Urban Bypass/Counter IED Route, in the vicinity of Al Asad, Iraq.

REQUIREMENT: Current military supply traffic through the Al Asad area uses existing roads. These roads pass directly through downtown, where IED and small arms attacks are common and difficult to detect and defeat. By providing an alternate route around this city, it will reduce that threat and reduce the contentious US presence within the city. The new road will incorporate

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Al Asad Air Base, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Urban By Pass Road	68006

REQUIREMENT: (CONTINUED)
features that will make it more difficult for anti-Iraqi forces to emplace and employ improvised explosive devices, as well as minimize the hazard from detonated IED's.
CURRENT SITUATION: Significant numbers of military convoys are subject to increased exposure to IED attacks when they transit though densely populated areas of Al Asad, Iraq. When they transit through these areas, convoys have to slow down and get intermingled with civilian traffic, which makes them an easier target of small arms fire and explosive devices. As a result of these attacks, noncombatants are exposed to unacceptable risks to life and limb.
IMPACT IF NOT PROVIDED: Failure to provide these bypasses will result in continued exposure of US and Coalition forces as well as Iraqi non-combatants to unacceptable IED and Insurgent threats. As a result, we will continue to lose critical manpower and Equipment to these threats.
ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the project 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 2007	.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	1,700
(b) All Other Design Costs	
(c) Total Design Cost	1,700
(d) Contract	
(e) In-house	1,700

(4) Construction Contract Award	NOV 2007
(5) Construction Start	MAR 2008
(6) Construction Completion	MAR 2009

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Al Asad Air Base, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Urban By Pass Road	68006

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
LSA Anaconda Iraq	Landfill Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	834	68020	Auth 6,200 Approp 6,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,869
Foundation Layer (5 acres)	LS	--	--	(598)
Gas Collection Layer	LS	--	--	(1,078)
Geomembrance Barrier Layer	LS	--	--	(1,045)
Compact Barrier	LS	--	--	(820)
Drainage Layer	LS	--	--	(1,128)
Total from Continuation page				(200)
SUPPORTING FACILITIES				458
Electric Service	LS	--	--	(158)
Site Imp(300) Demo( )	LS	--	--	(300)
ESTIMATED CONTRACT COST				5,327
CONTINGENCY PERCENT (5.00%)				266
SUBTOTAL				5,593
SUPV, INSP & OVERHEAD (7.70%)				431
DESIGN/BUILD - DESIGN COST				224
TOTAL REQUEST				6,248
TOTAL REQUEST (ROUNDED)				6,200
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a five acre landfill for a safe disposal of incinerator ash and other solid waste generated at LSAA. The planned project consists of a foundation layer, gas collection venting system, and leachate collection and drainage system, and a ground water barrier but specific variations would be based on local geological and ground water conditions during the design process. Project includes site preparation, construction, perimeter fence, haul road, modular building, and all other necessary work to provide a complete and usable landfill and remediate existing nonstandard landfill.

11. REQ: 2 ha ADQT: NONE SUBSTD: NONE

PROJECT: Construct a five acre landfill to handle 60-ton per day solid waste generated at LSAA.

REQUIREMENT: This landfill is to dispose of approximately 60 tons per day of solid waste generated by LSAA. This landfill will augment incinerators already in use on the complex by safely disposing of solid waste not incinerated and disposal of the incinerator ash. This landfill will also be used for the remediation of already accumulated waste from open dumps and nonstandard hastily constructed landfill currently being used if funds are identified

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Perimeter Fence (2,500')	LS	--	--	(75)
Haul Roads (24'x1000')	LS	--	--	(100)
Modular Building	LS	--	--	(25)
			Total	200

REQUIREMENT: (CONTINUED)
during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.
CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in hastily constructed nonstandard landfills or being burned in a large open pit. Three 64-ton incinerators will be constructed in FY07. The daily ash from incinerators will require environmentally safe means of disposal.
IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. LSAA will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.
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 2007	.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	250

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

LSA Anaconda, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Landfill Construction	68020

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(c) Total Design Cost..... 250

(d) Contract..... _____

(e) In-house..... 250

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
LSA Anaconda Iraq	Power Plant

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	812	67990	Auth 39,000 Approp 39,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				31,155
Electric Power, Oil-Fired	kWe(KW)	30,000 (30,000)	547.00	(16,410)
Power Plant Building	m2 (SF)	743.22 (8,000)	1,798	(1,336)
Electrical Switching Station	kVA(KVA)	900 (900)	19.00	(17)
Underground Electric Lines	m (LF)	4,267 (14,000)	104.99	(448)
Utilidors	m (LF)	4,267 (14,000)	229.66	(980)
Total from Continuation page				(11,964)
SUPPORTING FACILITIES				2,332
Electric Service	LS	--	--	(32)
Water, Sewer, Gas	LS	--	--	(500)
Paving, Walks, Curbs & Gutters	LS	--	--	(500)
Site Imp(800) Demo( )	LS	--	--	(800)
Antiterrorism Measures	LS	--	--	(500)
ESTIMATED CONTRACT COST				33,487
CONTINGENCY PERCENT (5.00%)				1,674
SUBTOTAL				35,161
SUPV, INSP & OVERHEAD (7.70%)				2,707
DESIGN/BUILD - DESIGN COST				1,406
TOTAL REQUEST				39,274
TOTAL REQUEST (ROUNDED)				39,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construction a 30 MW power plant, transformer substation and associated distribution system at Anaconda in support of the camp personnel. Site work includes clearing, grubbing, and leveling the area for the power plant and plant operator's building. Power plant will consist of individual enclosed generator platforms, a modular control room, modular switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as office area, and bunkhouse.

11. REQ: 90,000 kWe ADQT: 60,000 kWe SUBSTD: 30,000 kWe

PROJECT: Design and construct a 30MW power plant that is needed for Anaconda, Iraq. Provisions for future expansion must be included.

REQUIREMENT: A 30MW power plant expansion is needed for Anaconda, Iraq to provide reliable power to the Base Camp that does not degrade the environment of the LSA. The design and construction of a 30MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for the use of plant power.

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

LSA Anaconda, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	67990

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Power Substa./Switch Sta. Bldg	m2 (SF)	185.81	(2,000)	1,798	(334)
Transformers	EA	131	--	60,000	(7,860)
Substation	kVA(KVA)	30,000	(30,000)	121.23	(3,637)
Diesel Oil Storage	L (GA)	37,854	(10,000)	1.10	(42)
Ductile Iron, cls 50/fit joint	m (LF)	609.60	(2,000)	67.59	(41)
Information Systems	LS		--	--	(50)
				Total	11,964

CURRENT SITUATION: Anaconda currently does not have the required prime power other than the use of diesel prime power generators for which cost the government over $20M per year. The diesel generators are expensive, require extensive maintenance and contribute to the poor air quality on Anaconda.
IMPACT IF NOT PROVIDED: Anaconda will continue to expend large amounts of resources (currently over $20M) to lease the prime power generation plants. The diesel generators will continue to require additional maintenance and will continue to contribute to the poor air quality on Anaconda.
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 2007	.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	1,400
(b) All Other Design Costs	
(c) Total Design Cost	1,400
(d) Contract	
(e) In-house	1,400

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

LSA Anaconda, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	67990

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(5) Construction Start..... MAR 2008

(6) Construction Completion..... MAR 2010

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
LSA Anaconda Iraq	Urban By Pass Road

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	851	68007	Auth 43,000 Approp 43,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				34,081
Base & Shoulders	m3 (CY)	1438097 (1880960)	19.11	(27,481)
Culverts & Headwalls	EA	60 --	9,200	(552)
Asphalt Paving	m2 (SF)	897,409 (9659631)	4.31	(3,864)
Centerline & Edge of Pavement	m (LF)	2894760 (9497244)	.75	(2,184)
SUPPORTING FACILITIES				2,975
Site Imp(2,975) Demo( )	LS	--	--	(2,975)
ESTIMATED CONTRACT COST				37,056
CONTINGENCY PERCENT (5.00%)				1,853
SUBTOTAL				38,909
SUPV, INSP & OVERHEAD (7.70%)				2,996
DESIGN/BUILD - DESIGN COST				1,556
TOTAL REQUEST				43,461
TOTAL REQUEST (ROUNDED)				43,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct and upgrade a 90km (56 mile) Urban Bypass Road (Counter IED) to avoid densely populated and high threat urban areas for Balad, Iraq. Concrete or asphalt construction, either as new construction or overlay/improvement to existing roads where appropriate. Paving and right of way improvements to support simultaneous two-way heavy military traffic. Where required, site improvements including clearing, grading, and base course. Tall mast lighting where required. Culverts and support structures. Project includes force protection measures including specific engineered counter-IED features, and all work as required to provide a complete and useable road.

11. REQ: 90 km ADQT: NONE SUBSTD: NONE

PROJECT: Construct a 90km Urban Bypass/Counter IED Route, in the vicinity of Balad, Iraq.

REQUIREMENT: Current military supply traffic through the Balad area uses existing roads. These roads pass directly through downtown, where IED and small arms attacks are common and difficult to detect and defeat. By providing an alternate route around this city, it will reduce that threat and reduce the contentious US presence within the city. The new road will incorporate

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

LSA Anaconda, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Urban By Pass Road	68007

REQUIREMENT: (CONTINUED)
features that will make it more difficult for anti-Iraqi forces to emplace and employ improvised explosive devices, as well as minimize the hazard from detonated IED's.
CURRENT SITUATION: Significant numbers of military convoys are subject to increased exposure to IED attacks when they transit though densely populated areas of Balad, Iraq. When they transit through these areas, convoys have to slow down and get intermingled with civilian traffic, which makes them an easier target of small arms fire and explosive devices. As a result of these attacks, noncombatants are exposed to unacceptable risks to life and limb.
IMPACT IF NOT PROVIDED: Failure to provide these roads will result in continued exposure of US and Coalition forces as well as Iraqi non-combatants to unacceptable IED and insurgent threats. As a result, we will continue to lose critical manpower and assets to these threats.
ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the project 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 2007	.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	1,500
(b) All Other Design Costs	
(c) Total Design Cost	1,500
(d) Contract	
(e) In-house	1,500

(4) Construction Contract Award	NOV 2007
(5) Construction Start	MAR 2008
(6) Construction Completion	MAR 2009

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

LSA Anaconda, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Urban By Pass Road	68007

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Iraq Various Iraq	Landfill Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	834	68017	Auth 880 Approp 880

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				689
Foundation Layer (1 acre)	LS	--	--	(82)
Gas Collection Layer	LS	--	--	(148)
Geomembrane Barrier Layer	LS	--	--	(143)
Compacted Layer	LS	--	--	(112)
Drainage Layer	LS	--	--	(155)
Total from Continuation page				(49)
SUPPORTING FACILITIES				63
Electric Service	LS	--	--	(22)
Site Imp(41) Demo( )	LS	--	--	(41)
ESTIMATED CONTRACT COST				752
CONTINGENCY PERCENT (5.00%)				38
SUBTOTAL				790
SUPV, INSP & OVERHEAD (7.70%)				61
DESIGN/BUILD - DESIGN COST				32
TOTAL REQUEST				883
TOTAL REQUEST (ROUNDED)				880
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a one acre landfill for a safe disposal of incinerator ash and other solid waste generated at Fallujah. The planned project consists of a foundation layer, gas collection venting system, and leachate collection and drainage system, and a ground water barrier but specific variations would be based on local geological and ground water conditions during the design process. Project includes site preparation, construction, perimeter fence, haul road, modular building, and all other necessary work to provide a complete and usable landfill and remediate existing nonstandard landfill.

11. REQ: NA ADQT: NA SUBSTD: NA

PROJECT: Construct a one acre landfill to handle 8-ton per day solid waste generated at Fallujah.

REQUIREMENT: This landfill is to dispose of approximately 8 tons per day of solid waste generated by Fallujah. This landfill will augment incinerators already in use on the complex by safely disposing of solid waste not incinerated and disposal of the incinerator ash. This landfill will also be used for the remediation of already accumulated waste from open dumps and nonstandard hastily constructed landfill currently being used if funds are

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Haul Road	LS	--	--	(14)
Perimeter Fence	LS	--	--	(10)
Modular Building	LS	--	--	(25)
			Total	49

REQUIREMENT: (CONTINUED)
identified during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.
CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit. A 15-ton incinerator will be constructed in FY07. The daily ash from incinerator will require an environmentally safe means of disposal.
IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. Fallujah will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.
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 2007	.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	40

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Iraq Various, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Landfill Construction	68017

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b)	All Other Design Costs.....	
(c)	Total Design Cost.....	40
(d)	Contract.....	
(e)	In-house.....	40

(4) Construction Contract Award..... NOV 2997

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Merez Iraq (Camp Marez)	Landfill Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	834	68019	Auth 880 Approp 880

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				689
Foundation Layer (1 acre)	LS	--	--	(82)
Gas Collection Layer	LS	--	--	(148)
Geomembrane Barrier Layer	LS	--	--	(143)
Compcated Layer	LS	--	--	(112)
Drainage Layer	LS	--	--	(155)
Total from Continuation page				(49)
SUPPORTING FACILITIES				63
Electric Service	LS	--	--	(22)
Site Imp(41) Demo( )	LS	--	--	(41)
ESTIMATED CONTRACT COST				752
CONTINGENCY PERCENT (5.00%)				38
SUBTOTAL				790
SUPV, INSP & OVERHEAD (7.70%)				61
DESIGN/BUILD - DESIGN COST				32
TOTAL REQUEST				883
TOTAL REQUEST (ROUNDED)				880
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a one acre landfill for a safe disposal of incinerator ash and other solid waste generated at Marez. The planned project consists of a foundation layer, gas collection venting system, and leachate collection and drainage system, and a ground water barrier but specific variations would be based on local geological and ground water conditions during the design process. Project includes site preparation, construction, perimeter fence, haul road, modular building, and all other necessary work to provide a complete and usable landfill and remediate existing nonstandard landfill.

11. REQ: NA ADQT: NA SUBSTD: NA

PROJECT: Construct a one acre landfill to handle 8-ton per day solid waste generated at Marez.

REQUIREMENT: This landfill is to dispose of approximately 8 tons per day of solid waste generated by Marez. This landfill will augment incinerators already in use on the complex by safely disposing of solid waste not incinerated and disposal of the incinerator ash. This landfill will also be used for the remediation of already accumulated waste from open dumps and nonstandard hastily constructed landfill currently being used if funds are

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Haul Roads	LS	--	--	(14)
Perimeter Fence	LS	--	--	(10)
Modular Building	LS	--	--	(25)
			Total	49

REQUIREMENT: (CONTINUED)
identified during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.
CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit. A 15-ton incinerator will be constructed in FY07. The daily ash from incinerator will require an environmentally safe means of disposal.
IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. Marez will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.
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 2007	.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	40

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Merez, Iraq (Camp Marez)

4.PROJECT TITLE	5.PROJECT NUMBER
Landfill Construction	68019

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b)	All Other Design Costs.....	
(c)	Total Design Cost.....	40
(d)	Contract.....	
(e)	In-house.....	40

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Iraq Various Iraq	Urban By Pass Road

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	851	68009	Auth 43,000 Approp 43,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				34,081
Base & Shoulders	m3 (CY)	1438097 (1880960)	19.11	(27,481)
Culverts & Headwells	EA	60 --	9,200	(552)
Asphalt Paving	m2 (SF)	897,409 (9659631)	4.31	(3,864)
Roads, Surfaced	m (LF)	2894760 (9497244)	.75	(2,184)
SUPPORTING FACILITIES				2,975
Site Imp(2,975) Demo( )	LS	--	--	(2,975)
ESTIMATED CONTRACT COST				37,056
CONTINGENCY PERCENT (5.00%)				1,853
SUBTOTAL				38,909
SUPV, INSP & OVERHEAD (7.70%)				2,996
DESIGN/BUILD - DESIGN COST				1,556
TOTAL REQUEST				43,461
TOTAL REQUEST (ROUNDED)				43,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct and upgrade a 90km (56 mile) Urban Bypass Road (Counter IED) to avoid densely populated and high threat urban areas for Mosul, Iraq. Concrete or asphalt construction, either as new construction or overlay/improvement to existing roads where appropriate. Paving and right of way improvements to support simultaneous two-way heavy military traffic. Where required, site improvements including clearing, grading, and base course. Tall mast lighting where required. Culverts and support structures. Project includes force protection measures including specific engineered counter-IED features, and all work as required to provide a complete and useable road.

11. REQ: 90 km ADQT: NONE SUBSTD: NONE

PROJECT: Construct 90km Urban Bypass/Counter IED Route, in the vicinity of Mosul, Iraq.

REQUIREMENT: Current military supply traffic through the Mosul area uses existing roads. These roads pass directly through downtown, where IED and small arms attacks are common and difficult to detect and defeat. By providing an alternate route around this city, it will reduce that threat and reduce the contentious US presence within the city. The new road will incorporate

REQUIREMENT: (CONTINUED)
features that will make it more difficult for anti-Iraqi forces to emplace and employ improvised explosive devices, as well as minimize the hazard from detonated IED's.
CURRENT SITUATION: Significant numbers of military convoys are subject to increased exposure to IED attacks when they transit though densely populated areas of Mosul, Iraq. When they transit through these areas, convoys have to slow down and get intermingled with civilian traffic, which makes them an easier target of small arms fire and explosive devices. As a result of these attacks, noncombatants are exposed to unacceptable risks to life and limb.
IMPACT IF NOT PROVIDED: Failure to provide these roads will result in continued exposure of US and Coalition forces as well as Iraqi non-combatants to unacceptable IED and insurgent threats. As a result, we will continue to lose critical manpower and assets to these threats.
ADDITIONAL: 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.

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

(a) Date Design Started	MAR 2007
(b) Percent Complete As Of January 2007	.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	1,500
(b) All Other Design Costs	
(c) Total Design Cost	1,500
(d) Contract	
(e) In-house	1,500

(4) Construction Contract Award	NOV 2007
(5) Construction Start	MAR 2008
(6) Construction Completion	MAR 2009

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Iraq Various, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Urban By Pass Road	68009

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Al Asad Air Base Iraq	Power Plant

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	812	67993	Auth 26,000 Approp 26,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				20,561
Electric Power, Oil-Fired	kWe(KW)	10,000 (10,000)	547.00	(5,470)
Power Plant Building	m2 (SF)	464.52 (5,000)	1,798	(835)
Substation	kVA(KVA)	10,000 (10,000)	121.23	(1,212)
Electrical Switching Station	LS	--	--	(543)
UG Electric Primary feeder cir.	LS	--	--	(3,530)
Total from Continuation page				(8,971)
SUPPORTING FACILITIES				1,264
Electric Service	LS	--	--	(64)
Paving, Walks, Curbs & Gutters	LS	--	--	(500)
Site Imp(300) Demo( )	LS	--	--	(300)
Antiterrorism Measures	LS	--	--	(400)
ESTIMATED CONTRACT COST				21,825
CONTINGENCY PERCENT (5.00%)				1,091
SUBTOTAL				22,916
SUPV, INSP & OVERHEAD (7.70%)				1,765
DESIGN/BUILD - DESIGN COST				917
TOTAL REQUEST				25,598
TOTAL REQUEST (ROUNDED)				26,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construction a 10 MW power plant, transformer substation and associated distribution system at Q-West in support of the camp personnel. Site work includes clearing, grubbing, and leveling the area for the power plant and plant operator's building. Power plant will consist of individual enclosed generator platforms, a modular control room, modular switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as office area, and bunkhouse.

11. REQ: 10,000 kWe ADQT: NONE SUBSTD: 10,000 kWe

PROJECT: Construct a 10-MW power plant and associated distribution system for Q-West, Iraq. Provisions for future expansion must be included.

REQUIREMENT: A 10MW power plant expansion is needed for Q-West, Iraq to provide reliable power to the Base Camp that does not degrade the environment of Q-West. The design and construction of a 10MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for the use of plant power.

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Al Asad Air Base, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	67993

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY			Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)							
UG Electric Secondary feeder ci	LS			--		--	(4,329)
Power Substa./Switch Sta. Bldg	m2	(SF)	185.81	(	2,000)	1,798	(334)
Transformers	EA		50	--		60,000	(3,000)
Diesel Oil Storage	L	(GA)	18,927	(	5,000)	1.10	(21)
Ductile Iron, cls 50/fit joint	m	(LF)	609.60	(	2,000)	67.59	(41)
Antiterrorism Measures	LS			--		--	(1,246)
						Total	8,971

CURRENT SITUATION: Q-West currently does not have the required prime power other than the use of diesel prime power generators for which cost the government over $10M per year. The diesel generators are expensive, require extensive maintenance and contribute to the poor air quality on Q-West.
IMPACT IF NOT PROVIDED: Q-West will continue to expend large amounts of resources (currently over $10M) to lease the prime power generation plants. The diesel generators will continue to require additional maintenance and will continue to contribute to the poor air quality on Q-West.
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 2007	.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	900
(b) All Other Design Costs	
(c) Total Design Cost	900
(d) Contract	900
(e) In-house	

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Al Asad Air Base, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	67993

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Iraq Various Iraq	Landfill Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	834	68015	Auth 880 Approp 880

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				689
Foundation Layer (1 acre)	LS	--	--	(82)
Gas Collection Layer	LS	--	--	(148)
Geomembrane Barrier Layer	LS	--	--	(143)
Compacted Layer	LS	--	--	(112)
Drainage Layer	LS	--	--	(155)
Total from Continuation page				(49)
SUPPORTING FACILITIES				63
Electric Service	LS	--	--	(22)
Site Imp(41) Demo( )	LS	--	--	(41)
ESTIMATED CONTRACT COST				752
CONTINGENCY PERCENT (5.00%)				38
SUBTOTAL				790
SUPV, INSP & OVERHEAD (7.70%)				61
DESIGN/BUILD - DESIGN COST				32
TOTAL REQUEST				883
TOTAL REQUEST (ROUNDED)				880
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a one acre landfill for a safe disposal of incinerator ash and other solid waste generated at Ramadi. The planned project consists of a foundation layer, gas collection venting system, and leachate collection and drainage system, and a ground water barrier but specific variations would be based on local geological and ground water conditions during the design process. Project includes site preparation, construction, perimeter fence, haul road, modular building, and all other necessary work to provide a complete and usable landfill and remediate existing nonstandard landfill.

11. REQ: NA ADQT: NA SUBSTD: NA

PROJECT: Construct a one acre landfill to handle 8-ton per day solid waste generated at Ramadi.

REQUIREMENT: This landfill is to dispose of approximately 8 tons per day of solid waste generated by Ramadi. This landfill will augment incinerators already in use on the complex by safely disposing of solid waste not incinerated and disposal of the incinerator ash. This landfill will also be used for the remediation of already accumulated waste from open dumps and nonstandard hastily constructed landfill currently being used if funds are

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Haul Road	LS	--	--	(14)
Perimeter Fence	LS	--	--	(10)
Modular Building	LS	--	--	(25)
			Total	49

REQUIREMENT: (CONTINUED)
identified during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.
CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit. A 15-ton incinerator will be constructed in FY07. The daily ash from incinerator will require an environmentally safe means of disposal.
IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. Ramadi will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.
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 2007.....	.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.....	40

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Iraq Various, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Landfill Construction	68015

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b)	All Other Design Costs.....	
(c)	Total Design Cost.....	40
(d)	Contract.....	
(e)	In-house.....	40

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Scania Iraq	Entry Control Point

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	154	68000	Auth 5,000 Approp 5,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,209
Installation Pass and ID Bldg	m2 (SF)	120.40 (1,296)	3,229	(389)
Ground level sentry post	m2 (SF)	5.57 (60)	1,777	(10)
Guard Tower	EA	1 --	25,000	(25)
Roads, Access with Inspection	m (LF)	3,000 (9,843)	658.33	(1,975)
Protective Barrier, Pop-up	EA	2 --	107,500	(215)
Total from Continuation page				(595)
SUPPORTING FACILITIES				1,088
Electric Service	LS	--	--	(825)
Water, Sewer, Gas	LS	--	--	(83)
Paving, Walks, Curbs & Gutters	LS	--	--	(30)
Site Imp(150) Demo( )	LS	--	--	(150)
ESTIMATED CONTRACT COST				4,297
CONTINGENCY PERCENT (5.00%)				215
SUBTOTAL				4,512
SUPV, INSP & OVERHEAD (7.70%)				347
DESIGN/BUILD - DESIGN COST				180
TOTAL REQUEST				5,039
TOTAL REQUEST (ROUNDED)				5,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct an entry control point and access road. Primary facilities will include the following; the required kilometers of paving to connect to the nearest large road (Highway), construction of a guard tower for the ECP, and installation of several force protection requirements for the gate. Force protection improvements include pop-up barriers on ingress and egress routes, electronic gates, support buildings, lights, and communications cabling to allow installation of under vehicle cameras, full vehicle x-ray system, monitors, and intercom system. Supporting facilities include site utilities and site improvements.

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

PROJECT: Construct an Entry Control Point at Scania, Iraq.

REQUIREMENT: Another ECP is needed to alleviate congestion at the only existing ECP and improve force protection by providing a second access point for quick entry/exit of the base in the event of an emergency. This new ECP will be located at another point of an industrial type area of Scania's base camp and is defined in the current Base Camp Master Plan. This additional Entry Control Point will allow direct access to convoy support of supply and material storage.

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
Gate, Sliding Electric	EA		2	--	225,000	(450)
Exterior Lighting	LS			--	--	(50)
Under-Vehicle Camera System	m2	(SF)	. 9	(1)	277,778	(25)
Light Set, Taffic Control	m2	(SF)	.19	(2)	368,421	(70)
					Total	595

CURRENT SITUATION: There is not a sufficient number of ECPs currently at Scania, near its main logistics hub, where it receives many large convoys each day. The number of supply trucks arriving and departing each day is expected to reach close to 1,000 in the next few months. The current ECP often has traffic backed up for over two or more kilometers due to the large number of vehicles using the gate. The current truck route between the ECP and the new convoy support center/supply storage runs through undesired living the work areas.

IMPACT IF NOT PROVIDED: The population at Base Camp Scania is expected to increase by thousands over the next several months. This increase in population will exacerbate an already dangerous situation. The wait time to access the base can be 30 minutes or more due to the large number of vehicles using the ECP. This places the soldiers at risk of attack while they are waiting. The risk for a serious accident on the post will increase dramatically as the population doubles and the number of supply vehicles approaches 1,000 or more a day since the truck route runs through a heavily populated part of the camp.

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 2007..... .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: YES

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Scania, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Entry Control Point	68000

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b) Where Most Recently Used:

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

(a)	Production of Plans and Specifications.....	200
(b)	All Other Design Costs.....	
(c)	Total Design Cost.....	200
(d)	Contract.....	200
(e)	In-house.....	

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Speicher Iraq	Power Plant

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	812	67991	Auth 39,000 Approp 39,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				31,155
Electric Power, Oil-Fired	kWe(KW)	30,000 (30,000)	547.00	(16,410)
Power Plant Building	m2 (SF)	743.22 (8,000)	1,798	(1,336)
Electrical Switching Station	kVA(KVA)	900 (900)	19.00	(17)
Underground Electric Lines	m (LF)	4,267 (14,000)	104.99	(448)
Utilidors	m (LF)	4,267 (14,000)	229.66	(980)
Total from Continuation page				(11,964)
SUPPORTING FACILITIES				2,510
Electric Service	LS	--	--	(32)
Water, Sewer, Gas	LS	--	--	(678)
Paving, Walks, Curbs & Gutters	LS	--	--	(500)
Site Imp(800) Demo( )	LS	--	--	(800)
Antiterrorism Measures	LS	--	--	(500)
ESTIMATED CONTRACT COST				33,665
CONTINGENCY PERCENT (5.00%)				1,683
SUBTOTAL				35,348
SUPV, INSP & OVERHEAD (7.70%)				2,722
DESIGN/BUILD - DESIGN COST				1,414
TOTAL REQUEST				39,484
TOTAL REQUEST (ROUNDED)				39,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construction a 30 MW power plant, transformer substation and associated distribution system at Speicher in support of the camp personnel. Site work includes clearing, grubbing, and leveling the area for the power plant and plant operator's building. Power plant will consist of individual enclosed generator platforms, a modular control room, modular switchgear, and required fuel system. A modular plant operator's facility will be constructed to provide an area for 24-hour plant operators, to be used as office area, and bunkhouse.

11. REQ: 30,000 kWe ADQT: NONE SUBSTD: 30,000 kWe
PROJECT: Design and construct a 30MW power plant that is needed for COB Speicher, Iraq. Provisions for future expansion must be included.
REQUIREMENT: A 30MW power plant expansion is needed for COB Speicher, Iraq to provide reliable power to the Base Camp that does not degrade the environment of the COB. The design and construction of a 30MW power plant will drastically reduce the expenditures of cost for diesel fuel and cost of maintenance required, which ultimately reduce the government's annual cost for plant power.

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Speicher, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	67991

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Power Substa./Switch Sta. Bldg	m2 (SF)	185.81	(2,000)	1,798	(334)
Transformers	EA	131	--	60,000	(7,860)
Substation	kVA(KVA)	30,000	(30,000)	121.23	(3,637)
Diesel Oil Storage	L (GA)	37,854	(10,000)	1.10	(42)
Ductile Iron, cls 50/fit joint	m (LF)	609.60	(2,000)	67.59	(41)
Information Systems	LS		--	--	(50)
				Total	11,964

CURRENT SITUATION: Speicher currently does not have the required prime power other than the use of diesel prime power generators for which cost the government over $20M per year. The diesel generators are expensive, require extensive maintenance and contribute to the poor air quality on Speicher.
IMPACT IF NOT PROVIDED: Speicher will continue to expend large amounts of resources (currently over $20M) to lease the prime power generation plants. The diesel generators will continue to require additional maintenance and will continue to contribute to the poor air quality on Speicher.
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 2007	.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	1,400
(b) All Other Design Costs	
(c) Total Design Cost	1,400
(d) Contract	
(e) In-house	1,400

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Speicher, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Power Plant	67991

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(5) Construction Start..... MAR 2008

(6) Construction Completion..... MAR 2010

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Speicher Iraq	Landfill Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	834	68021	Auth 5,900 Approp 5,900

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,789
Sanitary Landfill	LS	--	--	(598)
Gas Collection Layer	LS	--	--	(1,078)
Geomembrane Barrier Layer	LS	--	--	(1,045)
Compacted Barrier	LS	--	--	(820)
Drainage Layer	LS	--	--	(1,128)
Total from Continuation page				(120)
SUPPORTING FACILITIES				209
Electric Service	LS	--	--	(79)
Site Imp(130) Demo( )	LS	--	--	(130)
ESTIMATED CONTRACT COST				4,998
CONTINGENCY PERCENT (5.00%)				250
SUBTOTAL				5,248
SUPV, INSP & OVERHEAD (7.70%)				404
DESIGN/BUILD - DESIGN COST				210
TOTAL REQUEST				5,862
TOTAL REQUEST (ROUNDED)				5,900
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a three acre landfill for a safe disposal of incinerator ash and other solid waste generated at Speicher. The planned project consists of a foundation layer, gas collection venting system, and leachate collection and drainage system, and a ground water barrier but specific variations would be based on local geological and ground water conditions during the design process. Project includes site preparation, construction, perimeter fence, haul road, modular building, and all other necessary work to provide a complete and usable landfill and remediate existing nonstandard landfill.

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

PROJECT: Construct a 2.5 acre landfill to handle 30-ton per day solid waste generated at Speicher.

REQUIREMENT: This landfill is to dispose of approximately 30 tons per day of solid waste generated by Speicher. This landfill will augment incinerators will be constructed in FY07 on the complex by safely disposing of solid waste not incinerated and disposal of the incinerator ash. This landfill will also be used for the remediation of already accumulated waste from open dumps and nonstandard hastily constructed landfill currently being used if funds are

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Speicher, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Landfill Construction	68021

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Perimeter Fence (1,450')	LS	--	--	(45)
Haul Road (24'x500')	LS	--	--	(50)
Modular Building	LS	--	--	(25)
			Total	120

REQUIREMENT: (CONTINUED)
identified during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.
CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit. Three 30-ton incinerators will be constructed in FY07. The daily ash from incinerators will require an environmentally safe means of disposal.
IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. Speicher will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.
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 2007..... .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..... 250

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Speicher, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Landfill Construction	68021

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(b)	All Other Design Costs.....	
(c)	Total Design Cost.....	250
(d)	Contract.....	
(e)	In-house.....	250

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Speicher Iraq	Waste Water Treatment & Collection System

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	831	68011	Auth 9,800 Approp 9,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				7,239
Primary Waste Water Treatment	L/d(KG)	3,785 (1,000)	792.52	(3,000)
Sewage/Waste Treatment Building	m2 (SF)	557.42 (6,000)	1,798	(1,002)
Concrete Manholes	EA	10 --	5,600	(56)
Sewage Lift Station	EA	2 --	206,050	(412)
Sewer Pumping Station	EA	2 --	125,000	(250)
Total from Continuation page				(2,519)
SUPPORTING FACILITIES				1,100
Electric Service	LS	--	--	(100)
Water, Sewer, Gas	LS	--	--	(175)
Paving, Walks, Curbs & Gutters	LS	--	--	(125)
Site Imp(500) Demo( )	LS	--	--	(500)
Antiterrorism Measures	LS	--	--	(200)
ESTIMATED CONTRACT COST				8,339
CONTINGENCY PERCENT (5.00%)				417
SUBTOTAL				8,756
SUPV, INSP & OVERHEAD (7.70%)				674
DESIGN/BUILD - DESIGN COST				350
TOTAL REQUEST				9,780
TOTAL REQUEST (ROUNDED)				9,800
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Wastewater Treatment Plant and Collection System capable of handling up to 1 Million Gallons Per Day. Project includes sewer mains & collection lines, manholes, liftstations, pumping station, emergency generators, sitework, paving, utilities, and anti-terrorism measures. Existing utilities and wastewater structures such as retention and oxidation ponds will be used to the maximum extent possible.

11. REQ: 3,785 L/d ADQT: NONE SUBSTD: 3,785 L/d

PROJECT: Construct a Wastewater Treatment and Collection System.

REQUIREMENT: This project is needed to provide a safe and cost effective method of collecting and treating sewage wastewater. The method of collecting and removing wastewater from the sewer tanks is expensive, time consuming, and creates potential health and safety hazards. The project cost will amortize within one year based on current costs of pumping and trucking wasterwater to disposal sites.

CURRENT SITUATION: Most of the buildings have seperate sewer tanks that must be pumped out and the product taken off base for disposal. This trucking process is extremely expensive and and time consuming. The trucks must be inspected and searched prior to entering and leaving the base, which poses a

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
A/C Surface	LS		--		--	(1,000)
Ductile Iron Pipe	m	(LF)	7,010	(23,000)	188.12	(1,319)
PVC, Schedule 40	m	(LF)	1,219	(4,000)	81.69	(100)
Standby Generator	EA		4	--	25,000	(100)
					Total	2,519

CURRENT SITUATION: (CONTINUED)
huge force protection risk. The constant transfer from trucks to tanks results in frequent leaks that leaves sewage spilled on the ground.
IMPACT IF NOT PROVIDED: The sewage collection and disposal will continue to be a costly and hazardous problem. We will continue to spend valuable personnel and monetary resources in collection and disposal of waste materials, and for search and inspection of vehicles.
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 2007	.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	400
(b) All Other Design Costs	
(c) Total Design Cost	400
(d) Contract	
(e) In-house	400

(4) Construction Contract Award: NOV 2007

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Speicher, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Water Treatment & Collection System	68011

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Speicher Iraq	Rotary Wing Parking Apron

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	113	68004	Auth 49,000 Approp 49,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				29,200
Rotary-Wing Parking Apron	m2 (SY)	334,451 (400,000)	83.72	(28,000)
8" Black Steel Fuel Pipe	m (LF)	2,012 (6,600)	198.85	(400)
6" Black Steel Fuel Pipe	m (LF)	1,006 (3,300)	173.98	(175)
Filter Building 500 GPM	LS	--	--	(500)
Fuel Pumps	LS	--	--	(125)
SUPPORTING FACILITIES				12,250
Electric Service	LS	--	--	(3,850)
Storm Drainage	LS	--	--	(1,600)
Site Imp(4,000) Demo( )	LS	--	--	(4,000)
Antiterrorism Measures	LS	--	--	(2,800)
ESTIMATED CONTRACT COST				41,450
CONTINGENCY PERCENT (5.00%)				2,073
SUBTOTAL				43,523
SUPV, INSP & OVERHEAD (7.70%)				3,351
DESIGN/BUILD - DESIGN COST				1,741
TOTAL REQUEST				48,615
TOTAL REQUEST (ROUNDED)				49,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a concrete helicopter parking apron for Camp Speicher to support an increased rotary wing aircraft population. Site preparation, concrete parking apron, pavement markings, apron edge lighting, force protection measures, and all other work as necessary to provide a complete and useable helicopter parking apron.

11. REQ: 334,451 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct a Helicopter Parking Ramp. The parking ramp must be large enough to accomodate an increased population of AH-64 helicopters. Each AH-64 must be parked with 100’ spacing between rotor masts. The ramp will be 8’ concrete. Construct a Fixed Refuel Facility. The refuel site must accomadte four drive through refuel points for UH and CH aircraft. The refuel surface will be 8’ concrete. Install lighting, fuel equipment and force protection.

REQUIREMENT: As a final Contingency Operating Base, Base Camp Speicher will have to support an additional squadron of helicopters to facilitate base consolidation. Another mobility ramp project has been submitted to only remove the current population of aircraft off the existing taxiways. Preliminary planning indicates that as many as 16 helicopters will be based at Speicher. Under the Iraqi regime, Al Sahra AB (the airfield on which Speicher is

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Speicher, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Rotary Wing Parking Apron	68004

REQUIREMENT: (CONTINUED)
collocated) was a pilot training base and did not support many large aircraft or helicopters. Those aircraft that were supported were housed in hardened aircraft shelters (HAS), all of which are currently occupied by other functions. There is not sufficient space on the limited parking ramps to accomodate the extra helicopters.
CURRENT SITUATION: This mission is currently not supported at Speicher; this is an emerging mission due to base consolidation. An additional 1391 (68413) was submitted to provide ramp parking for the current popoulation of aircraft.
IMPACT IF NOT PROVIDED: If not provided, helicopters will be forced to park on unprepared surfaces. The constant dust blown around by the rotors will contribute to increased mechanical wear and tear on the aircraft, accelerate corrosion, and require increased maintenance time. In addition, the low visibility in brownout conditions significantly increase the chance for an accident.
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 2007	.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	700
(e) In-house	

(4) Construction Contract Award	NOV 2007
(5) Construction Start	MAR 2008
(6) Construction Completion	MAR 2009

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Speicher, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Rotary Wing Parking Apron	68004

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Taqqadum Iraq	Landfill Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	834	68016	Auth 880 Approp 880

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				689
Foundation Layer (1 acre)	LS	--	--	(82)
Gas Collection Layer	LS	--	--	(148)
Geomembrane Barrier Layer	LS	--	--	(143)
Compacted Barrier Layer	LS	--	--	(112)
Drainage Layer	LS	--	--	(155)
Total from Continuation page				(49)
SUPPORTING FACILITIES				63
Electric Service	LS	--	--	(22)
Site Imp(41) Demo( )	LS	--	--	(41)
ESTIMATED CONTRACT COST				752
CONTINGENCY PERCENT (5.00%)				38
SUBTOTAL				790
SUPV, INSP & OVERHEAD (7.70%)				61
DESIGN/BUILD - DESIGN COST				32
TOTAL REQUEST				883
TOTAL REQUEST (ROUNDED)				880
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a one acre landfill for a safe disposal of incinerator ash and other solid waste generated at Taqaddum. The planned project consists of a foundation layer, gas collection venting system, and leachate collection and drainage system, and a ground water barrier but specific variations would be based on local geological and ground water conditions during the design process. Project includes site preparation, construction, perimeter fence, haul road, modular building, and all other necessary work to provide a complete and usable landfill and remediate existing nonstandard landfill.

11. REQ: NA ADQT: NA SUBSTD: NA

PROJECT: Construct a one acre landfill to handle 8-ton per day solid waste generated at Taqaddum.

REQUIREMENT: This landfill is to dispose of approximately 8 tons per day of solid waste generated by Taqaddum. This landfill will augment incinerators already in use on the complex by safely disposing of solid waste not incinerated and disposal of the incinerator ash. This landfill will also be used for the remediation of already accumulated waste from open dumps and nonstandard hastily constructed landfill currently being used if funds are

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Perimeter Fence	LS	--	--	(10)
Haul Road	LS	--	--	(14)
Modular Building	LS	--	--	(25)
			Total	49

REQUIREMENT: (CONTINUED)
identified during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.
CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit. A 15-ton incinerator will be constructed in FY07. The daily ash from incinerator will require an environmentally safe means of disposal.
IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. Taqaddum will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.
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 2007	.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	40

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Taqqadum, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Landfill Construction	68016

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(c) Total Design Cost..... 40

(d) Contract..... _____

(e) In-house..... 40

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Iraq Various Iraq	Urban By Pass Road

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	851	68008	Auth 43,000 Approp 43,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				34,081
Base & Shoulders	m3 (CY)	1438097 (1880960)	19.11	(27,481)
Culverts & Headwalls	EA	60 --	9,200	(552)
Asphalt Paving	m2 (SF)	897,409 (9659631)	4.31	(3,864)
Centerline & Edge of Pavement	m (LF)	2894760 (9497244)	.75	(2,184)
SUPPORTING FACILITIES				2,975
Site Imp(2,975) Demo( )	LS	--	--	(2,975)
ESTIMATED CONTRACT COST				37,056
CONTINGENCY PERCENT (5.00%)				1,853
SUBTOTAL				38,909
SUPV, INSP & OVERHEAD (7.70%)				2,996
DESIGN/BUILD - DESIGN COST				1,556
TOTAL REQUEST				43,461
TOTAL REQUEST (ROUNDED)				43,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct and upgrade a 30km (18.6 mile) Urban Bypass Road (Counter IED) to avoid densely populated and high threat urban areas for Tikrit, Iraq. Concrete or asphalt construction, either as new construction or overlay/improvement to existing roads where appropriate. Paving and right of way improvements to support simultaneous two-way heavy military traffic. Where required, site improvements including clearing, grading, and base course. Tall mast lighting where required. Culverts and support structures. Project includes force protection measures including specific engineered counter-IED features, and all work as required to provide a complete and useable road.

11. REQ: 29 km ADQT: NONE SUBSTD: NONE

PROJECT: Construct a 30km Urban Bypass/Counter IED Route, in the vicinity of Tikrit, Iraq.

REQUIREMENT: Current military supply traffic through the Tikrit area uses existing roads. These roads pass directly through downtown, where IED and small arms attacks are common and difficult to detect and defeat. By providing an alternate route around this city, it will reduce that threat and reduce the contentious US presence within the city. The new road will incorporate

REQUIREMENT: (CONTINUED)
features that will make it more difficult for anti-Iraqi forces to emplace and employ improvised explosive devices, as well as minimize the hazard from detonated IED's.
CURRENT SITUATION: Significant numbers of military convoys are subject to increased exposure to IED attacks when they transit though densely populated areas of Tikrit, Iraq. When they transit through these areas, convoys have to slow down and get intermingled with civilian traffic, which makes them an easier target of small arms fire and explosive devices. As a result of these attacks, noncombatants are exposed to unacceptable risks to life and limb.
IMPACT IF NOT PROVIDED: Failure to provide these roads will result in continued exposure of US and Coalition forces as well as Iraqi non-combatants to unacceptable IED and insurgent threats. As a result, we will continue to lose critical manpower and assets to these threats.
ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the project 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 2007	.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	1,500
(b) All Other Design Costs	
(c) Total Design Cost	1,500
(d) Contract	
(e) In-house	1,500

(4) Construction Contract Award	NOV 2007
(5) Construction Start	MAR 2008
(6) Construction Completion	MAR 2009

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Iraq Various, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Urban By Pass Road	68008

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Victory Iraq	Landfill Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	834	68023	Auth 6,200 Approp 6,200

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				4,869
Foundation Layer (5 acre)	LS	--	--	(598)
Gas Collection Layer	LS	--	--	(1,078)
Geomembrane Barrier Layer	LS	--	--	(1,045)
Compacted Barrier	LS	--	--	(820)
Drainage Layer	LS	--	--	(1,128)
Total from Continuation page				(200)
SUPPORTING FACILITIES				458
Electric Service	LS	--	--	(158)
Site Imp(300) Demo( )	LS	--	--	(300)
ESTIMATED CONTRACT COST				5,327
CONTINGENCY PERCENT (5.00%)				266
SUBTOTAL				5,593
SUPV, INSP & OVERHEAD (7.70%)				431
DESIGN/BUILD - DESIGN COST				224
TOTAL REQUEST				6,248
TOTAL REQUEST (ROUNDED)				6,200
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a five acre landfill for a safe disposal of incinerator ash and other solid waste generated at Victory Base Complex (VBC). The planned project consists of a foundation layer, gas collection venting system, and leachate collection and drainage system, and a ground water barrier but specific variations would be based on local geological and ground water conditions during the design process. Project includes site preparation, construction, perimeter fence, haul road, modular building, and all other necessary work to provide a complete and usable landfill and remediate existing nonstandard landfill.

11. REQ: 2 ha ADQT: NONE SUBSTD: NONE

PROJECT: Construct a five acre landfill to handle 60-ton per day solid waste generated at Victory Base Complex.

REQUIREMENT: This landfill is to dispose of approximately 60 tons per day of solid waste generated by VBC. This landfill will augment incinerators already in use on the complex by safely disposing of solid waste not incinerated and disposal of the incinerator ash. This landfill will also be used for the remediation of already accumulated waste from open dumps and nonstandard hastily constructed landfill currently being used if funds are identified

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Perimeter Fence (2,500')	LS	--	--	(75)
Haul Roads	LS	--	--	(100)
Modular Building	LS	--	--	(25)
			Total	200

REQUIREMENT: (CONTINUED)
during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.
CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. Two 30-ton incinerators are currently in operation with an additional 120 ton capacity being constructed in FY07. The daily ash from incinerators continues to accumulate without a legitimate means of disposal. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit.
IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. VBC will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.
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 2007..... .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)

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Victory, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Landfill Construction	68023

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(a)	Production of Plans and Specifications.....	240
(b)	All Other Design Costs.....	
(c)	Total Design Cost.....	240
(d)	Contract.....	
(e)	In-house.....	240

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Victory Iraq	Entry Control Point

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	154	68002	Auth 5,000 Approp 5,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				3,209
Dispatch Building	m2 (SF)	120.40 (1,296)	3,229	(389)
Access Control Facility	m2 (SF)	5.57 (60)	1,777	(10)
Guard Tower, at least 60ft	EA	1 --	25,000	(25)
Roads, Access with Inspection	m (LF)	3,000 (9,843)	658.33	(1,975)
Protective Barrier, Pop-up	EA	2 --	107,500	(215)
Total from Continuation page				(595)
SUPPORTING FACILITIES				1,088
Electric Service	LS	--	--	(825)
Water, Sewer, Gas	LS	--	--	(83)
Paving, Walks, Curbs & Gutters	LS	--	--	(30)
Site Imp(150) Demo( )	LS	--	--	(150)
ESTIMATED CONTRACT COST				4,297
CONTINGENCY PERCENT (5.00%)				215
SUBTOTAL				4,512
SUPV, INSP & OVERHEAD (7.70%)				347
DESIGN/BUILD - DESIGN COST				180
TOTAL REQUEST				5,039
TOTAL REQUEST (ROUNDED)				5,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction

Construct a new entry control point to Victory Base Complex to include traffic controls, isolation capability, unit protection and detection and screening capability. Traffic control measures include multiple traffic lanes, a separate passenger entrance, designated parking areas, speed humps, traffic lights, signage, kick out lane, and public address system. Isolation capability incorporates design to keep drivers and passengers separate, to ensure proper badging, separation of traffic prior to entry, capability of closing entrance at main supply route, control of inter-tier movement with various barrier systems, and a separate escort area. Unit protection includes towers to overwatch ECP, facility accommodations for working dogs, mobile barriers, quick reaction force access from rear of ECP, K12 rated hydraulic pop-up barriers, blast walls throughout ECP, and a centralized control tower. The detection and screening capabilities include multiple screening lanes, badging capability on site, a SPRUCE Jammer, remote systems to limit personnel requirements and vulnerability, illumination of ECP for visibility, and state of the art vehicular and personnel screening systems.

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)					
Gate, Sliding Electric	EA		2 --	225,000	(450)
Exterior Lighting	LS		--	--	(50)
Under-Vehicle Camara System	EA		1 --	25,000	(25)
Light Set, Traffic Control	EA		2 --	35,000	(70)
				Total	595

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

PROJECT: Construct an Entry Control Point 14, VBC - Victory, Iraq.

REQUIREMENT: ECP 14 will improve the flow of traffic off of Route Irish, a main supply route, onto Victory Base Complex (VBC) as well as reduce the requirement for other ECPs. The new ECP would be able to handle all military traffic bound for VBC from central Baghdad as well as Iraqi Special Forces traffic bound for West Baghdad International Airport (BIAP) and local national vehicular traffic bound for VBC. The addition of this ECP will allow VBC to tighten its security by completely eliminating two existing ECPs (5 and 8) and by reducing two other ECPs to outbound vehicular traffic only (2 and 13). Overall it will reduce the ECP manning requirements by 20% (24 guards) and increase throughput capacity 100%. If capability is compared to the recent closure of ECP 1A an additional 46 guards have been saved with the construction of ECP 14 for the same capability. This reduction in manpower results in a $4.69M annual savings. Compared to the $5.0M investment we will have an 13-month payback. The construction of ECP 14 improves the safety of soldiers on Route Irish, reducing risk and exposure to attack and reduces manpower requirements while increasing efficiency and lowering costs.

CURRENT SITUATION: Victory Base Complex is a central Contingency Operating Base (COB) that sits at the intersection of three major Main Supply Routes (MSRs). Route Irish is a major MSR from downtown Baghdad to MSR Tampa as well as the primary route taken by diplomats and dignitaries from the International Zone to BIAP. The current situation is such that the only entrance on to VBC from Route Irish is through ECP 13 on the south side of the divided highway. The entrance to the ECP requires convoys and patrols to make a cross over from the north side of the road to the south side. This requires the convoys and patrols to slow down at the Flying Man Statue, which has been the site of numerous SVBIED attacks, and make a dogleg crossover to an approach lane on the south side. This also requires the crossing of traffic coming out of BlAP on the south side of Rt Irish. Lastly, the convoys and patrols must drive down an 800m long approach lane to ECP 13. Once down the approach lane, the convoys and patrols are inspected at ECP 13. Some patrols enter VBC at ECP 13, however, truck convoys are required to continue down a single lane 100m to an

CURRENT SITUATION: (CONTINUED)
additional cross over that takes them back across traffic to the north side of Rt. Irish. This is all required because ECP 1, manned by Global Security Company, doesn't allow military traffic through their check point. The circuitous route exposes convoys and patrols to unnecessary danger from possible insurgent attacks where they are required to slow down and drive through confined lanes still in unsecured areas. Additionally, they arerequired to cross traffic multiple times that exposes the convoys and patrols to additional risk of accidents and again possible ambush points for insurgent SVBIED. The new ECP would take advantage of technology that allows for efficient and quick processing of vehicles and personnel to minimize exposure in unsecured areas. Additionally, the ECP is designed to take advantage of geometric traffic flow design to provide cover to incoming convoys and patrols as well as divide traffic up to ensure convoys and patrols are protected in their approach to VBC.

IMPACT IF NOT PROVIDED: The new ECP addresses multiple force protection and traffic safety vulnerabilities that would not be otherwise addressed. The new ECP addresses the need for convoys and patrols to prevent exposure to unnecessary danger areas by segregating traffic, providing necessary cover when approaching the ECP and ensuring military, VIP and truck convoys are protected coming onto VBC. Additionally, the reduction of the total number of ECPs will increase the overall security of VBC. The new ECP would also eliminate convoys and patrols from having to unnecessarily cross over congested traffic areas as well as follow the current flow of traffic on Rt. Irish to provide safe entrance and exit from the highway. The new ECP is located on the north side of Rt. Irish so traffic would not have to cross over. Additionally, ECP 14 will allow all traffic from Rt. Irish to be inspected at the ECP and easily merge back onto the BIAP Ring Road en route to checkpoint 5 and 8. Lastly, outbound traffic can enter BIAP through that same merge lane at the rear of ECP 14.

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 2007.....	.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

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Victory, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Entry Control Point	68002

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

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

(5) Construction Start..... MAR 2008

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

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

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

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Victory Iraq	Level 3 Hospital

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	510	68005	Auth 13,400 Approp 13,400

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				7,897
Medical/Health Clinic	m2 (SF)	2,787 (30,000)	2,530	(7,050)
Staff Sleeping Quarters	m2 (SF)	33.91 (365)	1,572	(53)
Maintenance Facilitie	m2 (SF)	501.68 (5,400)	1,582	(794)
SUPPORTING FACILITIES				3,584
Electric Service	LS	--	--	(843)
Water, Sewer, Gas	LS	--	--	(1,450)
Paving, Walks, Curbs & Gutters	LS	--	--	(34)
Storm Drainage	LS	--	--	(75)
Site Imp( ) Demo( )	LS	--	--	(182)
Antiterrorism Measures	LS	--	--	(1,000)
ESTIMATED CONTRACT COST				11,481
CONTINGENCY PERCENT (5.00%)				574
SUBTOTAL				12,055
SUPV, INSP & OVERHEAD (7.70%)				928
DESIGN/BUILD - DESIGN COST				482
CATEGORY E EQUIPMENT				(0)
TOTAL REQUEST				13,465
TOTAL REQUEST (ROUNDED)				13,400
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a new Level 3 Medical Clinic. The Clinic is to have a minimum of 27 beds, an Intensive Care Unit (ICU), Intermediate Care Ward/Minimal Care Ward (ICW,MCW, PreOp/Operating Room (OR), Emergency Room (ER)/ Trauma Room, Radiology, Pharmacy/Lab, Dental Clinic, Physical Therapy, mental health/stress counseling and administration offices. Cost will include antiterrorism/force protection measures.

11. REQ: 3,323 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct a new Level 3 Medical Clinic for Victory Base Complex.

REQUIREMENT: Construct a Level 3 Hospital. The hospital will serve as a single health care facility for the entire base. Provide electrical, water, sewer and site improvements. In addition, this hospital will support a combat surgical mission and needs a maintenance facility for future operations in support of a Brigade sized element. Staff sleeping room for the medical staff is also needed.

CURRENT SITUATION: Camp Victory Base is currently served by an Air Force Expeditionaly Medical Squadron (EMEDS) and an Army Troop Medical Clinic (TMC), both operating at Level 3. The facilities can perform all medical services, up to minor surgery. More critical patients are stabilized and evacuated to a

CURRENT SITUATION: (CONTINUED)
medical facility with a higher level of care. The EMEDS facility presently resides in 5-semi-circular tents linked by a tent corridor. The TMC consists of several tents attached to each other and is located in an abandoned bunker. Neither have indoor plumbing, which is necessary for proper sanitation of the facilities. Both are air-conditioned, but lack proper climate control and sterile, positive pressure operating rooms.
IMPACT IF NOT PROVIDED: The current facilities (EMEDS and the TMC) are considered mobile units and are not suitable as long term medical facilities. Tents will begin to deteriorate within the year and will have to be replaced. Air duct work in the tents is beginning to deteriorate as well. There is also the smell of mildew in the facilities which could result in respiratory illness. This will lead to a decline in medical care for the units at Camp Victory Base. EMEDS is not protected against explosive shrapnel, which is highly possible given its proximity to the perimeter and periodic rocket and mortar attacks.
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 2007	.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
(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:

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

		($000)
(a)	Production of Plans and Specifications	400
(b)	All Other Design Costs	
(c)	Total Design Cost	400
(d)	Contract	400
(e)	In-house	

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Victory, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Level 3 Hospital	68005

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Victory Iraq	Waste Water Treatment & Collection Syste

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	831	68012	Auth 9,800 Approp 9,800

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				7,239
Primary Waste Water Treatment	L/d(KG)	3,785 (1,000)	792.52	(3,000)
Sewage/Waste Treatment Building	m2 (SF)	557.42 (6,000)	1,798	(1,002)
Concrete Manholes	EA	10 --	5,600	(56)
Sewage Lift Station	EA	2 --	206,050	(412)
Sewage Pumping Station	EA	2 --	125,000	(250)
Total from Continuation page				(2,519)
SUPPORTING FACILITIES				1,100
Electric Service	LS	--	--	(100)
Water, Sewer, Gas	LS	--	--	(175)
Paving, Walks, Curbs & Gutters	LS	--	--	(125)
Site Imp(500) Demo( )	LS	--	--	(500)
Antiterrorism Measures	LS	--	--	(200)
ESTIMATED CONTRACT COST				8,339
CONTINGENCY PERCENT (5.00%)				417
SUBTOTAL				8,756
SUPV, INSP & OVERHEAD (7.70%)				674
DESIGN/BUILD - DESIGN COST				350
TOTAL REQUEST				9,780
TOTAL REQUEST (ROUNDED)				9,800
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a Wastewater Collection and Treatment System capable of handling up to 1 Million Gallons Per Day. Project includes sewer mains and collection lines, manholes, lift stations, pumping station, emergency generators, sitework, paving, utilities, and anti\terrorism measures. Existing utilities and wastewater structures such as retention and oxidation ponds will be used to the maximum extent possible.

11. REQ: 3,785 L/d ADQT: NONE SUBSTD: 3,785 L/d

PROJECT: Construct Wastewater Collection and Treatment System.

REQUIREMENT: This project is needed to provide a safe and cost effective method of collecting and treating sewage wastewater. The method of collecting and removing wastewater from the sewer tanks is expensive, time consuming, and creates potential health and safety hazards. The project cost will amortize within one year based on current costs of pumping and trucking wasterwater to disposal sites.

CURRENT SITUATION: The installation currently trucks sewage off base because there are no adequate sewage systems on the base camp. Most of the buildings have separate sewer tanks that must be pumped out and the product taken off base to be disposed of. This trucking process is extremely expensive ($15.6M

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Victory, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Water Treatment & Collection Syste	68012

9. COST ESTIMATES (CONTINUED)

Item	UM	(M/E)	QUANTITY		Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)						
A/C Surface	LS		--		--	(1,000)
Ductile Iron Pipe	m	(LF)	7,010	(23,000)	188.12	(1,319)
PVC, Schedule 40	m	(LF)	1,219	(4,000)	81.69	(100)
Standby Generator	EA		4	--	25,000	(100)
					Total	2,519

CURRENT SITUATION: (CONTINUED)
annually)and time consuming. The trucks must be inspected and searched prior to entering and leaving the base, which poses a huge force protection risk. The constant transfer process from tanks to trucks results in frequent leaks that leaves sewage spilled on the ground.
IMPACT IF NOT PROVIDED: The sewage collection and disposal will continue to be a costly and hazardous problem. We will continue to spend valuable personnel and monetary resources in collection and disposal of waste materials, and for search and inspection of vehicles.
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 2007	.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	400
(b) All Other Design Costs	
(c) Total Design Cost	400
(d) Contract	
(e) In-house	400

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Victory, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Waste Water Treatment & Collection Syste	68012

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Camp Warrior Iraq	Landfill Construction

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	834	68018	Auth 880 Approp 880

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				689
Foundation Layer (1 acre)	LS	--	--	(82)
Gas Collection Layer	LS	--	--	(148)
Geomembrane Barrier Layer	LS	--	--	(143)
Compacted Barrier Layer	LS	--	--	(112)
Drainage Layer	LS	--	--	(155)
Total from Continuation page				(49)
SUPPORTING FACILITIES				63
Electric Service	LS	--	--	(22)
Site Imp(41) Demo( )	LS	--	--	(41)
ESTIMATED CONTRACT COST				752
CONTINGENCY PERCENT (5.00%)				38
SUBTOTAL				790
SUPV, INSP & OVERHEAD (7.70%)				61
DESIGN/BUILD - DESIGN COST				32
TOTAL REQUEST				883
TOTAL REQUEST (ROUNDED)				880
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct a one acre landfill for a safe disposal of incinerator ash and other solid waste generated at Warrior. The planned project consists of a foundation layer, gas collection venting system, and leachate collection and drainage system, and a ground water barrier but specific variations would be based on local geological and ground water conditions during the design process. Project includes site preparation, construction, perimeter fence, haul road, modular building, and all other necessary work to provide a complete and usable landfill and remediate existing nonstandard landfill.

11. REQ: NA ADQT: NA SUBSTD: NA

PROJECT: Construct a one acre landfill to handle 8-ton per day solid waste generated at Warrior.

REQUIREMENT: This landfill is to dispose of approximately 8 tons per day of solid waste generated by Warrior. This landfill will augment incinerators already in use on the complex by safely disposing of solid waste not incinerated and disposal of the incinerator ash. This landfill will also be used for the remediation of already accumulated waste from open dumps and nonstandard hastily constructed landfill currently being used if funds are

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost ($000)
PRIMARY FACILITY (CONTINUED)				
Haull Road	LS	--	--	(14)
Perimeter Fence	LS	--	--	(10)
Modular Building	LS	--	--	(25)
			Total	49

REQUIREMENT: (CONTINUED)
identified during the design process due to geologic conditions not requiring a synthetic liner or gas collection system.
CURRENT SITUATION: Open dumps and landfills without designed liner materials or leachate collection system to protect groundwater are being used. All excess solid waste is currently placed in nonstandard landfills or being burned in a large open pit. A 15-ton incinerator will be constructed in FY07. The daily ash from incinerator will require legitimate means of disposal.
IMPACT IF NOT PROVIDED: Solid waste will be continued to be placed in a non-standard landfill and perpetuate the possibility of contaminating the ground water. Solid waste to include scrap metals in open dumps and nonstandard landfills will remain mingled and not be properly disposed. Warrior will continue to burn large amounts of trash each day which will expose the personnel on camp to the hazardous smoke.
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 2007.....	.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.....	40
(b) All Other Design Costs.....	

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Camp Warrior, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Landfill Construction	68018

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(c) Total Design Cost..... 40

(d) Contract.....

(e) In-house..... 40

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

(5) Construction Start..... MAR 2008

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Iraq Various Iraq	Facilities Replacement Phase 1

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	851	68010	Auth 36,000 Approp 36,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				28,200
General Purpose Facilities	m2 (SF)	32,516 (350,000)	861.11	(28,000)
Information Systems	LS	--	--	(200)
SUPPORTING FACILITIES				2,850
Electric Service	LS	--	--	(800)
Water, Sewer, Gas	LS	--	--	(550)
Paving, Walks, Curbs & Gutters	LS	--	--	(750)
Site Imp(350) Demo( )	LS	--	--	(350)
Antiterrorism Measures	LS	--	--	(200)
Information Systems	LS	--	--	(200)
ESTIMATED CONTRACT COST				31,050
CONTINGENCY PERCENT (5.00%)				1,553
SUBTOTAL				32,603
SUPV, INSP & OVERHEAD (7.70%)				2,510
DESIGN/BUILD - DESIGN COST				1,304
TOTAL REQUEST				36,417
TOTAL REQUEST (ROUNDED)				36,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Replace deteriorated expeditionary facilities with new construction. Construct new housing, administrative, and community support facilities using containerized or modular construction. Project includes sitework,water, sewer, electrical, demolition and removal of old structures. All existing utilities and force protection measures will be reused to the maximum extent possible.

11. REQ: 32,516 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct Replacement Facilities Phase I, Multiple Locations, Iraq

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 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 facility square footage on base. Where necessary, this project will also

REQUIREMENT: (CONTINUED)
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, including tents, constructed during the initial stages of Operation Iraqi Freedom. After consolidation, there will still be several thousand troops living in tents. These facilities are deteriorated 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 spend Operations & Maintenance, Army (OMA) funding to maintain deteriorated facilities and continue to experience shortfalls in the number and size of facilities needed.
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 2007	.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	1,400
(b) All Other Design Costs	
(c) Total Design Cost	1,400
(d) Contract	
(e) In-house	1,400

(4) Construction Contract Award	NOV 2007
(5) Construction Start	MAR 2008

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Iraq Various, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Facilities Replacement Phase 1	68010

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Iraq Various Iraq	Facilities Replacement Phase 2

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	610	67998	Auth 36,000 Approp 36,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				28,200
General Purpose Facilities	m2 (SF)	32,516 (350,000)	861.11	(28,000)
Information Systems	LS	--	--	(200)
SUPPORTING FACILITIES				2,850
Electric Service	LS	--	--	(800)
Water, Sewer, Gas	LS	--	--	(550)
Paving, Walks, Curbs & Gutters	LS	--	--	(750)
Site Imp(350) Demo( )	LS	--	--	(350)
Antiterrorism Measures	LS	--	--	(200)
Information Systems	LS	--	--	(200)
ESTIMATED CONTRACT COST				31,050
CONTINGENCY PERCENT (5.00%)				1,553
SUBTOTAL				32,603
SUPV, INSP & OVERHEAD (7.70%)				2,510
DESIGN/BUILD - DESIGN COST				1,304
TOTAL REQUEST				36,417
TOTAL REQUEST (ROUNDED)				36,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Replace deteriorated expeditionary facilities with new construction. Construct new housing, administrative, and community support facilities using containerized or modular construction. Project includes sitework,water, sewer, electrical, demolition and removal of old structures. All existing utilities and force protection measures will be reused to the maximum extent possible.

11. REQ: 32,516 m2 ADQT: NONE SUBSTD: NONE

PROJECT: Construct Replacement Facilities Phase II, Multiple Locations, Iraq

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 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 facility square footage on base. Where necessary, this project will also

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Iraq Various, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Facilities Replacement Phase 2	67998

REQUIREMENT: (CONTINUED)
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, including tents, constructed during the initial stages of Operation Iraqi Freedom. After consolidation, there will still be several thousand troops living in tents. These facilities are deteriorated 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 spend Operations & Maintenance, Army (OMA) funding to maintain deteriorated facilities and continue to experience shortfalls in the number and size of facilities needed.
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 2007	.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	1,350
(b) All Other Design Costs	
(c) Total Design Cost	1,350
(d) Contract	
(e) In-house	1,350

(4) Construction Contract Award	NOV 2007
(5) Construction Start	MAR 2008

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Iraq Various, Iraq

4.PROJECT TITLE	5.PROJECT NUMBER
Facilities Replacement Phase 2	67998

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

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

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Iraq Various Iraq	Overhead Cover-e Glass

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
	812	67995	Auth 30,000 Approp 30,000

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				25,800
Overhead Protection	m2 (SF)	9,290 (100,000)	2,777	(25,800)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				25,800
CONTINGENCY PERCENT (5.00%)				1,290
SUBTOTAL				27,090
SUPV, INSP & OVERHEAD (7.70%)				2,086
DESIGN/BUILD - DESIGN COST				1,084
TOTAL REQUEST				30,260
TOTAL REQUEST (ROUNDED)				30,000
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction Construct facility overhead cover systems for selected high-density gathering facilities at the final eight Contingency Operating Bases (COB's) and Cooperative Security Locations (CSL's) in Iraq. Specific facilities are prioritized based upon threat and vulnerability assessment. Cost includes three 'E-Glass' protection layers, delivery, site prep, concrete foundations, demo and retrofit of existing facility, and installation of steel support structure and pre-detonation screen.

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

PROJECT: Construct facility overhead cover system to provide protection from indirect fire attack.

REQUIREMENT: Construct facility overhead cover systems for selected high-density gathering facilities. The overhead cover system will provide protection to occupants in the facilities, from artillery, rocket propelled grenades and missile attack from weapons up to and including 122mm rockets.

CURRENT SITUATION: A majority of bases theater wide are subject to artillery attack by anti-Iraqi forces. Most of the high-density gathering facilities on these bases, such as dining facilities, gyms, and exchanges, are 'soft' facilities that have no overhead cover and thus are extremely vulnerable to

CURRENT SITUATION: (CONTINUED)
artillery attack.
IMPACT IF NOT PROVIDED: The likelihood of attack on a high-density gathering facility has increased, as there is mounting evidence that anti-Iraqi forces are specifically targeting these facilities in order to inflict the maximum number of casualties. Failure to provide overhead cover greatly increases the risk of mass casualties from indirect fire attacks.
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 2007	.00
(c) Date 35% Designed	OCT 2008
(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: YES
(b) Where Most Recently Used:

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

	($000)
(a) Production of Plans and Specifications	600
(b) All Other Design Costs	
(c) Total Design Cost	600
(d) Contract	600
(e) In-house	

(4) Construction Contract Award	NOV 2007
(5) Construction Start	MAR 2008
(6) Construction Completion	MAR 2009

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	
Iraq Various, Iraq	
4.PROJECT TITLE	5.PROJECT NUMBER
Overhead Cover-e Glass	67995

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

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1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION	4.PROJECT TITLE
Planning and Design Worldwide Various	Planning and Design - FY08 GWOT

5.PROGRAM ELEMENT	6.CATEGORY CODE	7.PROJECT NUMBER	8.PROJECT COST ($000)
91211A	000	68198	Auth Approp 19,400

9.COST ESTIMATES

ITEM	UM (M/E)	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				19,400
P&D 3rd Army, CFLCC	LS	--	--	(19,400)
SUPPORTING FACILITIES				
ESTIMATED CONTRACT COST				19,400
CONTINGENCY PERCENT (.00 %)				0
SUBTOTAL				19,400
SUPV, INSP & OVERHEAD (.00 %)				0
TOTAL REQUEST				19,400
TOTAL REQUEST (ROUNDED)				19,400
INSTALLED EQT-OTHER APPROP				(0)

10.Description of Proposed Construction This item provides for design of major construction projects for Army facilities in conjunction with the US Third Army, Coalition Forces Land Component Command (CFLCC).

11. REQ: NA ADQT: NA SUBSTD: NA

PROJECT: Planning and design funds.

REQUIREMENT: This funding is required to provide design and engineering services for Military Construction, Army (MCA) projects. This account is dissimilar to any other line item in the budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineers (USACE) in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of design, correction, review, reproduction and advertisement of projects in the FY 2008 Global War on Terrorism program.

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

1.COMPONENT	FY 2008 MILITARY CONSTRUCTION PROJECT DATA	2.DATE
ARMY		03 FEB 2007

3.INSTALLATION AND LOCATION

Planning and Design, Worldwide Various

4.PROJECT TITLE	5.PROJECT NUMBER
Planning and Design - FY08 GWOT	68198

ADDITIONAL: (CONTINUED)

construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.