



Department of the Army
Fiscal Year (FY) 2010
OVERSEAS CONTINGENCY
OPERATIONS SUPPLEMENTAL
REQUEST

Military Construction, Army

Volume 3 of 3

Justification Data Submitted to Congress
February 2010

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DEPARTMENT OF DEFENSE

MILITARY CONSTRUCTION

Military Construction, Army

For an additional amount for “Military Construction, Army”,
\$242,296,000 to remain available until September 30, 2014.

This request would provide \$242,296,000 to fund various military construction projects to support Operation Enduring Freedom. The requested funds will provide force protection measures, airfield facilities, operational facilities, support facilities, and fuel handling systems in Afghanistan.

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

Category – Military Construction

FY10

OCOSR

MILCON

\$242,296,000

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

2. MILCON

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

There are thirteen projects in Afghanistan supporting OEF. One project supports airfield operations. Three projects provide utility and infrastructure capabilities for improved services and increasing populations. Two projects to assure adequate fuel distribution, storage and supply are available even during times of emergency. One waste management project supports force health protection and reduces environmental impacts. One road project enhances mission accomplishment. The five remaining projects provide an operational support facility and provide force protection measures.

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<u>Project Name</u>	<u>Location</u>	<u>Project Number</u>	<u>Request</u>	<u>Page No.</u>
Afghanistan				
Waste Management Complex	Delaram II	76906	\$5,600	13
Fuel Storage & Distribution System	Delaram II	76956	\$16,500	17
Fuel Storage System	Dwyer	76950	\$13,600	21
Utilities, Ph 2	Kandahar	74125	\$32,000	25
Waste Water Treatment Facility	Kandahar	77010	\$4,300	29
Entry Control Point	Kandahar	76953	\$12,800	33
Perimeter Fence and Guard Towers, Ph 2	Kandahar	76954	\$10,400	37
Perimeter Fence and Guard Towers	Kunduz	76974	\$10,400	41
Rotary Wing Apron	Kunduz	76984	\$26,000	45
Perimeter Fence and Guard Towers	Mazar E Sharif	76973	\$10,400	49
Command & Control HQ Facility	Tombstone/Bastion	76916	\$24,000	53
Utilities Infrastructure	Tombstone/Bastion	76980	\$21,000	57
Gravel Roads	Tombstone/Bastion	76992	\$8,600	61
Total Afghanistan			\$195,600	
Worldwide				
Unspecified Minor Military Construction		77149	\$40,000	65
Planning & Design		77148	\$6,696	67
Total Worldwide			\$46,696	
Total Military Construction, Army			\$242,296	

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**Summary of FY2010 Overseas Contingency Operations Supplemental
Military Construction Projects**

Component: ARMY

<u>Project</u>	<u>Location</u>	<u>Amount</u>	<u>Category*</u>
76906 Waste Management Complex	Delaram II Sup Afghanistan	(\$000) 5,600	Facilities port

Impact if not Provided:

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

Justification:

A comprehensive waste management area is required to meet environmental requirements at Delaram II. There are several projects planned, including housing and dining facility that will produce significant amounts of solid waste. This facility will ensure proper stewardship of Afghanistan's environment.

<u>Project</u>	<u>Location -</u>	<u>Amount</u>	<u>Category*</u>
76956 Fuel Storage & Distribution System	Delaram II Fu Afghanistan	(\$000) 16,500	el Handling and Storage

Impact if not Provided:

The current expeditionary storage bladders are susceptible to accidents and attacks, are intended for temporary use and present safety and environmental risks after long periods of use. If this project is not provided, there is the potential for a significant loss of mission capability due to inadequate fuel supplies to support missions.

Justification:

This project is required to provide the capability to receive, store, and dispense fuel in support of airfield operations at Delaram II. Forces assigned to and operations executed from Delaram II are rapidly increasing and there is a requirement to support a C-130 assault strip and rotary wing operations.

<u>Project</u>	<u>Location</u>	<u>Amount</u>	<u>Category*</u>
76950 Fuel Storage System	Dwyer Fu Afghanistan 1	(\$000) 3,600	el Handling d Storage

Impact if not Provided:

Without this project, fuel supply and storage will be reliant on deliveries by tanker trucks and expeditionary storage bladders. Enemy activity and weather pose challenges for fuel deliveries and can impact fuel availability for operations. The bladders are susceptible to accidents and attacks, are intended for temporary use and present safety and environmental risks after long periods of use. If this project is not provided, there is the potential for a significant loss of mission capability due to inadequate fuel supplies to support missions.

Justification:

This project is required to provide the capability to receive, store, and dispense fuel in support of airfield operations at and ground operations from Dwyer. Forces assigned to and operations executed from Dwyer are rapidly increasing and fuel requirements will exceed the current storage and handling capacity by a million gallons.

**Summary of FY2010 Overseas Contingency Operations Supplemental
Military Construction Projects**

<u>Project</u>	<u>Location</u>		<u>(\$000)</u>		<u>Category*</u>
			<u>Amount</u>		
74125 K Utilities, Ph 2	andahar Afghanistan	3	2,000	U	ilities

Impact if not Provided:

The in-coming US Forces will not have enough support for basic mission operations or basic life support functions after being deployed to the Afghanistan AOR. US Forces will be subject to unnecessary health risks and delays in mission operations significantly degrading US capabilities resulting in decreased operational combat effectiveness.

Justification:

Kandahar Airfield (KAF) has the largest population of any installation in Afghanistan and the population is significantly increasing due to the surge of forces and operations. Existing infrastructure cannot accommodate the influx of personnel and some systems are working at three times their designed capacity.

<u>Project</u>	<u>Location</u>		<u>(\$000)</u>		<u>Category*</u>
			<u>Amount</u>		
77010 Wastewater Treatment Facility	Kandahar Afghanistan	4	,300	Utilities	

Impact if not Provided:

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

Justification:

This project is needed to replace the current wastewater collection system of sanitary sewage trucks, transfer to other trucks and disposal off-base. This system poses a serious health risk and future environmental cleanup costs are significantly higher than providing the proposed wastewater treatment system. This system must be able to process wastewater in support of 3,600 personnel.

<u>Project</u>	<u>Location</u>		<u>(\$000)</u>		<u>Category*</u>
			<u>Amount</u>		
76953 Entry Control Point	Kandahar Fo Afghanistan	1	2,800	Pr	rice otection

Impact if not Provided:

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

Justification:

The increase of forces on Kandahar and operations in the region has increased the demands on the existing Entry Control Points (ECP). Commercial deliveries are vulnerability for base protection and the processing of deliveries are inadequate at existing ECPs causing delays in delivery of materials and labor services. This ECP would be designated as the primary commercial ECP providing quick and efficient delivery of bulk items, processing of pedestrian traffic while providing for force protection.

**Summary of FY2010 Overseas Contingency Operations Supplemental
Military Construction Projects**

<u>Project</u>	<u>Location</u>	<u>Amount</u>	<u>Category*</u>
76954 Perimeter Fence and Guard Towers, Ph 2	Kandahar Fo Afghanistan	(\$000) 10,400	ence Protection

Impact if not Provided:

If this project is not funded, facilities required to house and support the additional forces being assigned to Kandahar cannot be built. The units in these areas will have to utilize initial operating capability expeditionary facilities and rely on rudimentary perimeter protection measures.

Justification:

A perimeter fence is required to provide additional security around installation land areas not fenced. Current fenced areas cannot accommodate the additional surge requirements and the base must expand, the fencing and towers are required to provide security.

<u>Project</u>	<u>Location</u>	<u>Amount</u>	<u>Category*</u>
76974 Perimeter Fence and Guard Towers	Kunduz Fo Afghanistan	(\$000) 10,400	ence Protection

Impact if not Provided:

If this project is not funded, facilities required to house and support the additional forces being assigned to Kunduz cannot be built and force protection will rely on rudimentary perimeter protection measures.

Justification:

A perimeter fence is required to provide security around installation land areas not fenced and areas into which the base must expand. Current fenced areas cannot accommodate the additional surge requirements and the base must expand.

<u>Project</u>	<u>Location</u>	<u>Amount</u>	<u>Category*</u>
76984 Rotary Wing Apron	Kunduz A Afghanistan 2	(\$000) 6,000 O	irfield perations

Impact if not Provided:

The lack aviation support facilities will reduce aviation operating capabilities and combat effectiveness, impacting support to ground combat forces in the area.

Justification:

Kunduz does not have the facilities to support rotary wing aircraft being assigned to support an increase of forces and operations in the region.

**Summary of FY2010 Overseas Contingency Operations Supplemental
Military Construction Projects**

<u>Project</u>	<u>Location</u>		<u>Amount</u>	<u>Category*</u>
76973	Mazar-E Sharif	Fo		Protection
Perimeter Fence and Guard Towers	Afghanistan		10,400	

Impact if not Provided:

If this project is not funded, facilities required to house and support the additional forces being assigned to Kunduz cannot be built and force protection will rely on rudimentary perimeter protection measures.

Justification:

A perimeter fence is required to provide security around installation land areas not fenced and areas into which the base must expand. The current fenced areas cannot accommodate the additional surge requirements and the base must expand to support ground and aviation forces being assigned.

<u>Project</u>	<u>Location</u>		<u>Amount</u>	<u>Category*</u>
76916	Tombstone/Bastion			Operational
Command & Control HQ Facility A	Afghanistan	2	4,000	

Impact if not Provided:

If this project is not funded, US Forces will not have a location for Command and Control operations after being deployed to the Afghanistan AOR. Without a place to conduct missions, provide Command & Control of aircraft and Command & Control of ground forces, US capabilities will be significantly degraded, resulting in decreased operating capabilities.

Justification:

US Forces have an immediate operational need for the expansion of Tombstone/Bastion to meet operational requirements in RC-South, Afghanistan. Sufficient facilities do not exist on Tombstone/Bastion to house the surge of forces. In order to facilitate the execution of the US mission the Command & Control element requires a facility in which to operate.

<u>Project</u>	<u>Location</u>		<u>Amount</u>	<u>Category*</u>
76980	Tombstone/Bastion			Utilities
Utilities Infrastructure	Afghanistan	2	1,000	

Impact if not Provided:

Tombstone/Bastion will not have the capability to sustain the surge of additional US Forces. The in-coming US Forces will not have enough support for basic mission operations or basic life support functions after being deployed to the Afghanistan AOR. US Forces will be subject to unnecessary health risks and delays in mission operations significantly degrading US capabilities resulting in decreased operational combat effectiveness.

Justification:

US Forces has an immediate operational need for the expansion of Tombstone/Bastion to support the surge and meet operational requirements in RC-South, Afghanistan. The current facilities are not adequate to support the mission and the expansion of the infrastructure is required.

**Summary of FY2010 Overseas Contingency Operations Supplemental
Military Construction Projects**

<u>Project</u>	<u>Location</u>	<u>Amount</u>	<u>Category*</u>
76992 Gravel Roads	Tombstone/Bastion Afghanistan	8 ,600 Ro	ads

Impact if not Provided:

The ability of personnel to respond to emergencies and threats will be severely impacted; risks to Soldiers from accidents caused by overcrowded travel ways will remain high.

Justification:

There insufficient improved roadways to support vehicle traffic within Tombstone/Bastion and a perimeter road is required to enhance security and force protection. The lack of roadways restricts movement within the compound and impacts the response time of emergency vehicles. The project would provide alternate routes and improve traffic flow within the compound.

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Delaram II Afghanistan				4. PROJECT TITLE Waste Management Complex		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 833	7. PROJECT NUMBER 76906		8. PROJECT COST (\$000) Auth 5,600 Approp 5,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						4,345
Incinerator Units		kg (TON)	14,515 (16)		224.85	(3,264)
Covered Storage&Sorting Facilit		m2 (SF)	696.77 (7,500)		971.02	(677)
Waste Management Office		m2 (SF)	60.39 (650)		1,909	(115)
Ash Landfill		m2 (SF)	2,462 (26,500)		117.43	(289)
<u>SUPPORTING FACILITIES</u>						394
Electric Service		LS	--		--	(101)
Water, Sewer, Gas		LS	--		--	(121)
Paving, Walks, Curbs & Gutters		LS	--		--	(71)
Storm Drainage		LS	--		--	(25)
Site Imp(76) Demo()		LS	--		--	(76)
ESTIMATED CONTRACT COST						4,739
CONTINGENCY (5.00%)						237
SUBTOTAL						4,976
SUPV, INSP & OVERHEAD (7.70%)						383
DESIGN/BUILD - DESIGN COST						199
TOTAL REQUEST						5,558
TOTAL REQUEST (ROUNDED)						5,600
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct a Waste Management Complex. Primary facilities include 16 ton per day incinerator(multiple units), covered storage and sorting facility, administrative facility, and ash landfill. Supporting facilities include utilities, site improvements, pavements and appropriate drainage.						
11. REQ:		14,515 kg	ADQT: NONE		SUBSTD:	14,515 kg
PROJECT: Construct a Waste Management Complex at Delaram II, Afghanistan. (Current Mission)						
REQUIREMENT: A comprehensive waste management complex is required to meet health protection requirements at Delaram II. With the upcoming surge, the population at Delaram II will significantly increase. This facility will ensure proper stewardship of Afghanistan's environment. Providing multiple incinerator units will allow for maintenance without taking the total capacity offline.						
CURRENT SITUATION: Currently, Delaram II is rapidly expanding to meet a surge in troops and operations. There are several large facility projects planned, including an aircraft parking/maintenance, housing, & Dining Facility, that will require a waste management complex to properly handle						

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Delaram II, Afghanistan

4. PROJECT TITLE Waste Management Complex	5. PROJECT NUMBER 76906
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CURRENT SITUATION: (CONTINUED)

waste.

IMPACT IF NOT PROVIDED: Without this project, Delaram II will be forced to operate without the facilities required to properly manage waste. Improper management of US-generated waste now will cost the US exponentially more to remediate in the future. Additional forces from the surge will be at risk of becoming ill due to the remedial burn pits and landfills put in place because of no incinerator capability.

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

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

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 225
 - (b) All Other Design Costs..... 225
 - (c) Total Design Cost..... 180
 - (d) Contract..... 45
 - (e) In-house.....

- (4) Construction Contract Award..... APR 2010
- (5) Construction Start..... JUN 2010
- (6) Construction Completion..... DEC 2010

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Delaram II, Afghanistan

4. PROJECT TITLE Waste Management Complex	5. PROJECT NUMBER 76906
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Delaram II Afghanistan			4. PROJECT TITLE Fuel Storage & Distribution System		
5. PROGRAM ELEMENT 01010A	6. CATEGORY CODE 411	7. PROJECT NUMBER 76956	8. PROJECT COST (\$000) Auth 16,500 Approp 16,500		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					12,706
Fuel Storage System		m3l (BL)	3,785 (23,808)	2,900	(10,977)
POL Pipeline, Underground		m (LF)	1,000 (3,281)	750.00	(750)
Containment Berms		LS	--	--	(100)
Truck Load/Unload Facility		LS	--	--	(800)
Administrative Facility		m2 (SF)	100 (1,076)	743.50	(74)
Building Information Systems		LS	--	--	(5)
<u>SUPPORTING FACILITIES</u>					1,221
Electric Service		LS	--	--	(411)
Water, Sewer, Gas		LS	--	--	(45)
Paving, Walks, Curbs & Gutters		LS	--	--	(141)
Storm Drainage		LS	--	--	(75)
Site Imp(464) Demo()		LS	--	--	(464)
Information Systems		LS	--	--	(15)
Antiterrorism Measures		LS	--	--	(70)
ESTIMATED CONTRACT COST					13,927
CONTINGENCY (5.00%)					696
SUBTOTAL					14,623
SUPV, INSP & OVERHEAD (7.70%)					1,126
DESIGN/BUILD - DESIGN COST					585
TOTAL REQUEST					16,334
TOTAL REQUEST (ROUNDED)					16,500
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct fuel distribution & storage system including storage tanks, secondary containment, offload & upload points, pumping & pump houses, metering, filtering, all related mechanical systems, lighting protection, and operational administrative office facility. Supporting facilities include all site work, security fencing & lighting, electrical, water, sewer and storm drainage systems.					
11. REQ: 3,785 m3l ADQT: NONE SUBSTD: 3,785 m3l					
PROJECT: Construct fuel storage & distribution system to store 3,785 m3l (1MGal) of fuel at Delaram II, Afghanistan. (Current Mission)					
REQUIREMENT: Delaram II requires the capability to store and dispense approx 1,000,000 gallons of fuel(3,785 m3l) in support of air & land operations for Operation Enduring Freedom. Delaram II will be rapidly expanding with the surge to support a C-130 assault strip, and rotary wing operations including MV-22 aircraft. This drives an increase in fuel storage capacity to support the growth of operations.					
CURRENT SITUATION: Currently, Delaram II is expanding to meet a surge in troops and operations. The fuel storage requirement at Delaram II are met using expeditionary fuel bladders. These systems are not intended for long					

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010																						
3. INSTALLATION AND LOCATION Delaram II, Afghanistan																								
4. PROJECT TITLE Fuel Storage & Distribution System	5. PROJECT NUMBER 76956																							
<p><u>CURRENT SITUATION:</u> (CONTINUED)</p> <p>term use. In addition, many more bladders will be required to meet the rapidly expanding mission. These bladders have high annual maintenance and replacement costs.</p> <p><u>IMPACT IF NOT PROVIDED:</u> Without this project, Delaram II will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use, requiring frequent and expensive replacement. The bladders are also more susceptible to accidents or attacks and are considered a safety and environmental risk after prolonged periods of use. Without adequate fuel operations, C-130 and MV-22 operations will be limited causing a decrease in mission effectiveness in Southern and Western Afghanistan.</p> <p><u>ADDITIONAL:</u> All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.</p>																								
<p>12. <u>SUPPLEMENTAL DATA:</u></p> <p>A. Estimated Design Data:</p> <p>(1) Status:</p> <table border="0"> <tr> <td>(a) Date Design Started.....</td> <td>MAR 2010</td> </tr> <tr> <td>(b) Percent Complete As Of January 2009.....</td> <td>.00</td> </tr> <tr> <td>(c) Date 35% Designed.....</td> <td>MAY 2010</td> </tr> <tr> <td>(d) Date Design Complete.....</td> <td>JUL 2010</td> </tr> <tr> <td>(e) Parametric Cost Estimating Used to Develop Costs</td> <td>NO</td> </tr> <tr> <td>(f) Type of Design Contract: Design-build</td> <td></td> </tr> </table> <p>(2) Basis:</p> <p>(a) Standard or Definitive Design: NO</p> <p>(3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)</p> <table border="0"> <tr> <td>(a) Production of Plans and Specifications.....</td> <td>_____</td> </tr> <tr> <td>(b) All Other Design Costs.....</td> <td>658</td> </tr> <tr> <td>(c) Total Design Cost.....</td> <td>658</td> </tr> <tr> <td>(d) Contract.....</td> <td>500</td> </tr> <tr> <td>(e) In-house.....</td> <td>158</td> </tr> </table> <p>(4) Construction Contract Award..... JUN 2010</p> <p>(5) Construction Start..... AUG 2010</p> <p>(6) Construction Completion..... APR 2011</p>			(a) Date Design Started.....	MAR 2010	(b) Percent Complete As Of January 2009.....	.00	(c) Date 35% Designed.....	MAY 2010	(d) Date Design Complete.....	JUL 2010	(e) Parametric Cost Estimating Used to Develop Costs	NO	(f) Type of Design Contract: Design-build		(a) Production of Plans and Specifications.....	_____	(b) All Other Design Costs.....	658	(c) Total Design Cost.....	658	(d) Contract.....	500	(e) In-house.....	158
(a) Date Design Started.....	MAR 2010																							
(b) Percent Complete As Of January 2009.....	.00																							
(c) Date 35% Designed.....	MAY 2010																							
(d) Date Design Complete.....	JUL 2010																							
(e) Parametric Cost Estimating Used to Develop Costs	NO																							
(f) Type of Design Contract: Design-build																								
(a) Production of Plans and Specifications.....	_____																							
(b) All Other Design Costs.....	658																							
(c) Total Design Cost.....	658																							
(d) Contract.....	500																							
(e) In-house.....	158																							

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Delaram II, Afghanistan

4. PROJECT TITLE Fuel Storage & Distribution System	5. PROJECT NUMBER 76956
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Dwyer Afghanistan				4. PROJECT TITLE Fuel Storage System		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 411	7. PROJECT NUMBER 76950		8. PROJECT COST (\$000) Auth 13,600 Approp 13,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						11,094
Fuel Storage System		m3l (BL)	3,785 (23,808)		2,903	(10,989)
Containment Berms		LS	--		--	(100)
Building Information Systems		LS	--		--	(5)
<u>SUPPORTING FACILITIES</u>						545
Electric Service		LS	--		--	(169)
Paving, Walks, Curbs & Gutters		LS	--		--	(10)
Storm Drainage		LS	--		--	(101)
Site Imp(200) Demo()		LS	--		--	(200)
Information Systems		LS	--		--	(15)
Antiterrorism Measures		LS	--		--	(50)
ESTIMATED CONTRACT COST						11,639
CONTINGENCY (5.00%)						582
SUBTOTAL						12,221
SUPV, INSP & OVERHEAD (7.70%)						941
DESIGN/BUILD - DESIGN COST						489
TOTAL REQUEST						13,651
TOTAL REQUEST (ROUNDED)						13,600
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct fuel storage system including storage tanks, pumps, secondary containment, metering, filtering, and lighting protection. Supporting facilities include site work, security fencing & lighting, electrical, and storm drainage.						
11. REQ: 7,570 m3l ADQT: 2,306 m3l SUBSTD: 5,264 m3l						
PROJECT: Construct phase 3 of the fuel storage at Dwyer, Afghanistan. (Current Mission)						
REQUIREMENT: Dwyer requires the capability to store and dispense approx 2,000,000 gallons of fuel to support the increase surge requirements. Phases 1& 2, FY09 and FY10 respectively, provide approx 610KGal of the initial 3,785m3l (1MGal) requirement. This project will provide an 3,785m3l (1MGal) of fuels storage. This will increase storage capacity 1.610MGal of the 2MGal requirement.						
CURRENT SITUATION: Dwyer is rapidly expanding to meet a surge in troops and operations to Regional Command-South. There are several large facility projects planned for Dwyer that will require large amounts of fuel to operate. The fuel storage projects currently in design or under construction will not be adequate to meet the additional surge requirements in support of air and						

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Dwyer, Afghanistan

4. PROJECT TITLE Fuel Storage System	5. PROJECT NUMBER 76950
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CURRENT SITUATION: (CONTINUED)
ground operations.
IMPACT IF NOT PROVIDED: Without this project, Dwyer will be forced to operate with an expeditionary fuel bladder system, meant only for temporary use, and requiring frequent and expensive replacement, and be dependent on timely fuel delivery trucks to support mission requirements. Expeditionary fuel storage systems are vulnerable to enemy attack that could cause injury or loss to critical fuel supply.
ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... FEB 2010
 - (b) Percent Complete As Of January 2009..... .00
 - (c) Date 35% Designed..... MAR 2010
 - (d) Date Design Complete..... MAY 2010
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-build
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications..... 549
 - (b) All Other Design Costs..... 400
 - (c) Total Design Cost..... 949
 - (d) Contract..... 149
 - (e) In-house.....
 - (4) Construction Contract Award..... APR 2010
 - (5) Construction Start..... JUN 2010
 - (6) Construction Completion..... DEC 2011

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Dwyer, Afghanistan

4. PROJECT TITLE Fuel Storage System	5. PROJECT NUMBER 76950
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Kandahar Afghanistan				4. PROJECT TITLE Utilities, Ph 2		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 832	7. PROJECT NUMBER 74125		8. PROJECT COST (\$000) Auth 32,000 Approp 32,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						23,221
Water Distribution System		m (LF)	10,000 (	32,808)	222.79	(2,228)
Electric Lines		m (LF)	10,000 (	32,808)	278.74	(2,787)
Communication Lines		LS	--	--	--	(1,591)
Sanitary Sewer		m (LF)	20,000 (	65,617)	297.05	(5,941)
Drainage/Dust Control (Gravel)		LS	--	--	--	(7,351)
Total from Continuation page						(3,323)
<u>SUPPORTING FACILITIES</u>						3,831
Paving, Walks, Curbs & Gutters		LS	--	--	--	(371)
Site Imp(2,626) Demo()		LS	--	--	--	(2,626)
Information Systems		LS	--	--	--	(309)
Antiterrorism Measures		LS	--	--	--	(525)
ESTIMATED CONTRACT COST						27,052
CONTINGENCY (5.00%)						1,353
SUBTOTAL						28,405
SUPV, INSP & OVERHEAD (7.70%)						2,187
DESIGN/BUILD - DESIGN COST						1,136
TOTAL REQUEST						31,728
TOTAL REQUEST (ROUNDED)						32,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct utilities infrastructure consisting of water distribution system, wastewater collection system, underground electrical distribution system, communication lines and drainage/dust control at Kandahar Airfield (KAF). All lines will connected to existing sources. The primary facilities include piping, lift stations, storage tanks, utilidors, and manholes.						
11. REQ: 20,000 m ADQT: NONE SUBSTD: 20,000 m						
PROJECT: Construct Infrastructure in at Kandahar, Afghanistan. Current Mission						
REQUIREMENT: Kandahar has the largest population of any installation in Afghanistan. This population will be significantly increasing due to the surge. An infrastructure system is required to provide utilities to existing and planned facilities and also ensure proper stewardship of Afghanistan's environment by reducing emissions from electrical generators and odor and contamination from sanitary waste.						
CURRENT SITUATION: Kandahar was built to contingency construction standards to handle a smaller base capacity and mission. The existing infrastructure cannot adequately accommodate the large influx of additional personnel and						

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION
Kandahar, Afghanistan

4. PROJECT TITLE Utilities, Ph 2	5. PROJECT NUMBER 74125
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9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Roads	m2 (SF)	23,000 (247,570)	117.08	(2,693)
Antiterrorism Measures	LS	--	--	(630)
			Total	3,323

CURRENT SITUATION: (CONTINUED)

some infrastructure systems are currently working at 3 times their designed capacity.

IMPACT IF NOT PROVIDED: Without this project, Kandahar will be forced to operate without proper infrastructure to support facilities. This will continue use of multiple electrical generators and unsafe methods of collection of sanitary waste, which will increase costs to remediate in the future. The problem will be magnified when additional troops arrive in support of surge operations.

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

	FY2009 (\$000)	FYDP FY2011 (\$000)
Authorization	\$27,000	\$32,000
Authorization of Appropriation	\$27,000	\$32,000
Appropriation	\$27,000	\$32,000

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

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

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION
Kandahar, Afghanistan

4. PROJECT TITLE Utilities, Ph 2	5. PROJECT NUMBER 74125
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12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(f) Type of Design Contract: Design-build

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	_____
(b) All Other Design Costs.....	1,278
(c) Total Design Cost.....	1,278
(d) Contract.....	950
(e) In-house.....	328

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

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

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

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Kandahar Afghanistan				4. PROJECT TITLE Waste Water Treatment Facility		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 831	7. PROJECT NUMBER 77010		8. PROJECT COST (\$000) Auth 4,300 Approp 4,300	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						2,984
Wastewater Treatment Facility		L/d(KG)	946 (249.91)		3,151	(2,981)
Building Information Systems		LS	--		--	(3)
<u>SUPPORTING FACILITIES</u>						676
Electric Service		LS	--		--	(320)
Water, Sewer, Gas		LS	--		--	(171)
Site Imp(140) Demo()		LS	--		--	(140)
Information Systems		LS	--		--	(6)
Antiterrorism Measures		LS	--		--	(39)
ESTIMATED CONTRACT COST						3,660
CONTINGENCY (5.00%)						183
SUBTOTAL						3,843
SUPV, INSP & OVERHEAD (7.70%)						296
DESIGN/BUILD - DESIGN COST						154
TOTAL REQUEST						4,293
TOTAL REQUEST (ROUNDED)						4,300
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct a Waste Water Treatment Facility. The new facility will consist of an Equalization Chamber, Sludge Holding Chamber, Aeration Chamber, Clarifier Chamber and Chlorine Contact Chamber. Supporting facilities include site preparation, sanitary sewer lines, electrical distribution. Antiterrorism/Force Protection measures will be included.						
11. REQ:		946 L/d ADQT:		NONE		SUBSTD: 946 L/d
PROJECT: Construct a Waste Water Treatment Facility, Kandahar, Afghanistan. (Current Mission)						
REQUIREMENT: This project is needed to provide a waste water treatment and collection to support surge requirements. This project will provide treatment of 946L/d (250,000gal/day) to support 3,600 personnel.						
CURRENT SITUATION: Waste water is collected at the source (latrines, living areas, and portable toilets) by sanitary sewage trucks (SSTs) and trucked to a common base discharge point. From there, additional sanitary sewage trucks are contracted to collect the sewage and discharge of it off-base. Additionally, the potential failure of these trucks to collect the sewage places the base at risk of overflowing its limited storage capacity, with acute health risks to personnel.						

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Kandahar, Afghanistan

4. PROJECT TITLE Waste Water Treatment Facility	5. PROJECT NUMBER 77010
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IMPACT IF NOT PROVIDED: If this waste water treatment facility is not provided, the current method of collecting waste water will continue in support of the surge. This will overload current storage of wastewater and ponding and run off will occur, creating a breeding ground for vector-borne diseases such as malaria. Effects of this untreated waste run off not only adversely affects our service members, but also causes health risks to the locals down stream from the base.

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

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

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications.....
 - (b) All Other Design Costs..... 173
 - (c) Total Design Cost..... 173
 - (d) Contract..... 125
 - (e) In-house..... 48

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

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

- (6) Construction Completion..... NOV 2010

1.COMONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 23 JAN 2010
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3.INSTALLATION AND LOCATION

Kandahar, Afghanistan

4.PROJECT TITLE Waste Water Treatment Facility	5.PROJECT NUMBER 77010
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Kandahar Afghanistan				4. PROJECT TITLE Entry Control Point		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 872	7. PROJECT NUMBER 76953		8. PROJECT COST (\$000) Auth 12,800 Approp 12,800	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						8,703
Entrance Control Point		m2 (SF)	19,200 (206,667)		302.00	(5,798)
Roads		m2 (SF)	14,000 (150,695)		152.55	(2,136)
Guard Tower		EA	5 --		62,000	(310)
Security Lighting		LS	--		--	(275)
Antiterrorism Measures		LS	--		--	(168)
Building Information Systems		LS	--		--	(16)
<u>SUPPORTING FACILITIES</u>						2,289
Electric Service		LS	--		--	(919)
Water, Sewer, Gas		LS	--		--	(80)
Paving, Walks, Curbs & Gutters		LS	--		--	(197)
Storm Drainage		LS	--		--	(201)
Site Imp(291) Demo()		LS	--		--	(291)
Information Systems		LS	--		--	(197)
Antiterrorism Measures		LS	--		--	(404)
ESTIMATED CONTRACT COST						10,992
CONTINGENCY (5.00%)						550
SUBTOTAL						11,542
SUPV, INSP & OVERHEAD (7.70%)						889
DESIGN/BUILD - DESIGN COST						462
TOTAL REQUEST						12,893
TOTAL REQUEST (ROUNDED)						12,800
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct an Entry Control Point (ECP) at Kandahar Airfield (KAF). Primary facilities include the entry control facility (including several small buidings with communications), vehicle cooling off yard, vehicle inspection area, guard towers, fencing & lighting, and asphalt roads pavements. Secondary facilities include electrical, utilities, and site improvements.						
11. REQ: 19,200 m ADQT: NONE SUBSTD: 19,200 m						
PROJECT: Construct an ECP to control access and inspect vehicles and pedestrian traffic at KAF. (Current Mission)						
REQUIREMENT: Kandahar needs a fully capable ECP that is sized for the daily traffic volume and provides force protection standoff. The ECP must handle all commercial traffic, as well as being able to handle pedestrian traffic.						
CURRENT SITUATION: The Entry Control Point's at Kandahar will be overwhelmed with a troop increase. They are undersized, inadequately designed, and have insufficient stand-off distances. Kandahar does not have an ECP on the east region of the base; this force all traffic bound for the north and east of the base to travel across on its already congested roads. There are frequently over kilometer long lines of trucks waiting to deliver supplies. Many trucks						

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Kandahar, Afghanistan

4. PROJECT TITLE Entry Control Point	5. PROJECT NUMBER 76953
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Kandahar Afghanistan			4. PROJECT TITLE Perimeter Fence and Guard Towers, Ph 2		
5. PROGRAM ELEMENT 01010A	6. CATEGORY CODE 872	7. PROJECT NUMBER 76954	8. PROJECT COST (\$000) Auth 10,400 Approp 10,400		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					7,750
Security Fencing		m (LF)	7,200 (23,622)	448.76	(3,231)
Guard Towers		EA	12 --	62,000	(744)
Anti-vehicle Ditch		m (LF)	8,200 (26,903)	106.72	(875)
Electric Lines		m2 (SF)	8,500 (91,493)	268.93	(2,286)
Roads		LS	--	--	(600)
Building Information Systems		LS	--	--	(14)
<u>SUPPORTING FACILITIES</u>					1,104
Paving, Walks, Curbs & Gutters		LS	--	--	(200)
Storm Drainage		LS	--	--	(175)
Site Imp(325) Demo()		LS	--	--	(325)
Information Systems		LS	--	--	(79)
Antiterrorism Measures		LS	--	--	(325)
ESTIMATED CONTRACT COST					8,854
CONTINGENCY (5.00%)					443
SUBTOTAL					9,297
SUPV, INSP & OVERHEAD (7.70%)					716
DESIGN/BUILD - DESIGN COST					372
TOTAL REQUEST					10,385
TOTAL REQUEST (ROUNDED)					10,400
INSTALLED EQT-OTHER APPROP					()
10. Description of Proposed Construction Construct perimeter fence & guard towers. Project includes security fencing and lighting, guard towers, anti-vehicle ditch, electrical lines, information systems and antiterrorism/force protection measures. Supporting facilities include utilities, paving, roads, and site improvements.					
11. REQ: 7,200 m ADQT: NONE SUBSTD: 7,200 m					
PROJECT: Construct Perimeter Fence and Guard Towers at Kandahar, Afghanistan. (Current Mission)					
REQUIREMENT: This project is required to provide security to support the populaton increase at Kandahar. The extension of security fencing, guard towers, and security monitoring is required to support this expansion and provide physical security.					
CURRENT SITUATION: All of Kandahar's land is not currently fenced in. The lack of a physically secure perimeter does not provide adequate security and protection of US Forces. This project will allow Kandahar to provide physical security and monitoring of all its land on the east side of the base. Several future construction projects are sited in this eastern expansion area.					

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Kandahar, Afghanistan

4. PROJECT TITLE Perimeter Fence and Guard Towers, Ph 2	5. PROJECT NUMBER 76954
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IMPACT IF NOT PROVIDED: If this project is not provided, troops and facilities will be vulnerable to increased threat levels. The expansion to the East end of Kandahar will be unsecure and unable to provide security to additional forces and infrastructure.

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

	FY2009 (\$000)	FYDP FY2011 (\$000)
Authorization	\$11,000	\$10,400
Authorization of Appropriation	\$11,000	\$10,400
Appropriation	\$11,000	\$10,400

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

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

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	
(b) All Other Design Costs.....	468
(c) Total Design Cost.....	468
(d) Contract.....	333
(e) In-house.....	135

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

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION
Kandahar, Afghanistan

4. PROJECT TITLE Perimeter Fence and Guard Towers, Ph 2	5. PROJECT NUMBER 76954
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

- (5) Construction Start..... JUL 2010
- (6) Construction Completion..... FEB 2011

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Kunduz Afghanistan				4. PROJECT TITLE Perimeter Fence and Guard Towers		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 872	7. PROJECT NUMBER 76974		8. PROJECT COST (\$000) Auth 10,400 Approp 10,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,729
Security Fencing (w/lighting)		m (LF)	7,200 (23,622)		429.10	(3,090)
Guard Towers		EA	12 --		62,000	(744)
Anti-vehicle Ditch		m (LF)	8,200 (26,903)		106.72	(875)
Electric Lines		m (LF)	8,500 (27,887)		268.93	(2,286)
Roads		LS	--		--	(600)
Total from Continuation page						(134)
<u>SUPPORTING FACILITIES</u>						1,104
Paving, Walks, Curbs & Gutters		LS	--		--	(200)
Storm Drainage		LS	--		--	(175)
Site Imp(325) Demo()		LS	--		--	(325)
Information Systems		LS	--		--	(79)
Antiterrorism Measures		LS	--		--	(325)
ESTIMATED CONTRACT COST						8,833
CONTINGENCY (5.00%)						442
SUBTOTAL						9,275
SUPV, INSP & OVERHEAD (7.70%)						714
DESIGN/BUILD - DESIGN COST						371
TOTAL REQUEST						10,360
TOTAL REQUEST (ROUNDED)						10,400
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct perimeter fence & guard towers. Project includes security fencing, guard towers, anti-vehicle ditch, underground electrical lines, building information systems and antiterrorism/force protection measures. Supporting facilities include utilities, paving, roads, security lighting, information systems and site improvements.						
11. REQ:		7,200 m	ADQT:	NONE	SUBSTD:	7,200 m
PROJECT: Construct Perimeter Fence and Guard Towers at Kunduz, Afghanistan. (Current Mission)						
REQUIREMENT: This project is required to provide security to support the population increase at Kunduz from the surge. Security fencing does not exist in this area of Kunduz. As a result, the extension of security fencing, guard towers, and security monitoring is required to support this expansion and provide physical security.						
CURRENT SITUATION: All of Kunduz's land is not currently fenced in. The lack of a physically secure perimeter does not provide adequate security and protection of US Forces. Currently, every time an aircraft lands on the Kunduz airfield, a team must first go out and secure the site. This project will allow Kunduz to provide security and monitoring of all its land on the east						

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Kunduz, Afghanistan

4. PROJECT TITLE Perimeter Fence and Guard Towers	5. PROJECT NUMBER 76974
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(120)
Building Information Systems	LS	--	--	(14)
			Total	134

CURRENT SITUATION: (CONTINUED)

side of the base, without using personnel assigned to other missions. Several future construction projects are sited in this eastern expansion area.

IMPACT IF NOT PROVIDED: If this project is not provided, troops and assets will be exposed to unacceptable levels of risk. Additional infrastructure and facilities planned for Kunduz to support US operational capabilities will be at constant risk of attack.

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

(1) Status:

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

(2) Basis:

(a) Standard or Definitive Design: NO

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

(a) Production of Plans and Specifications.....	
(b) All Other Design Costs.....	468
(c) Total Design Cost.....	468
(d) Contract.....	333
(e) In-house.....	135

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

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

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Kunduz, Afghanistan

4. PROJECT TITLE Perimeter Fence and Guard Towers	5. PROJECT NUMBER 76974
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... FEB 2011

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA		2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Kunduz Afghanistan			4. PROJECT TITLE Rotary Wing Apron		
5. PROGRAM ELEMENT 01010A	6. CATEGORY CODE 113	7. PROJECT NUMBER 76984	8. PROJECT COST (\$000) Auth 26,000 Approp 26,000		
9. COST ESTIMATES					
ITEM		UM (M/E)	QUANTITY	UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>					21,300
Rotary Wing Parking Apron		m2 (SF)	45,000 (484,376)	272.00	(12,240)
Rotary Wing Taxiway		m2 (SF)	30,000 (322,917)	272.00	(8,160)
Parking Apron Lighting, Marking		LS	--	--	(800)
Antiterrorism Measures		LS	--	--	(100)
<u>SUPPORTING FACILITIES</u>					1,170
Electric Service		LS	--	--	(500)
Water, Sewer, Gas		LS	--	--	(50)
Storm Drainage		LS	--	--	(100)
Site Imp(400) Demo()		LS	--	--	(400)
Antiterrorism Measures		LS	--	--	(120)
ESTIMATED CONTRACT COST					22,470
CONTINGENCY (5.00%)					1,124
SUBTOTAL					23,594
SUPV, INSP & OVERHEAD (7.70%)					1,817
DESIGN/BUILD - DESIGN COST					944
TOTAL REQUEST					26,355
TOTAL REQUEST (ROUNDED)					26,000
INSTALLED EQT-OTHER APPROP					(0)
10. Description of Proposed Construction Construct aviation parking apron, taxiway, lighting, markings, tiedown and grounding points. Supporting Facilities include utilities, drainage, and site improvements.					
11. REQ: 75,000 m2 ADQT: NONE SUBSTD: 75,000 m2 PROJECT: Construct a Rotary Wing Parking Apron at Kunduz, Afghanistan. (Current Mission) REQUIREMENT: There is a requirement to construct rotary wing parking apron and taxiway to support surge requirements at Kunduz. Rotary wing aircraft are planned to bed down at Kunduz. A paved parking area is needed to accommodate these aircraft and avoid parking on dirt or gravel, which would cause damage to aircraft and injury to personnel from flying debris. CURRENT SITUATION: Kunduz does not have facilities to support rotary wing aircraft. Aircraft would have to be parked on dirt or gravel, which would expose them to damage from flying debris and significantly increase maintenance requirements and hamper aviation operations. IMPACT IF NOT PROVIDED: If this project is not funded, US Forces will not have facilities for rotary wing aircraft operations at Kunduz. Aviation capabilities, including medevac capabilities, will be significantly degraded,					

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Kunduz, Afghanistan

4. PROJECT TITLE Rotary Wing Apron	5. PROJECT NUMBER 76984
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IMPACT IF NOT PROVIDED: (CONTINUED)
 resulting in decreased operating capacity and combat effectiveness.
ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

12. SUPPLEMENTAL DATA:

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

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

 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications.....
 - (b) All Other Design Costs..... 1,170
 - (c) Total Design Cost..... 1,170
 - (d) Contract..... 850
 - (e) In-house..... 320

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

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

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

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Kunduz, Afghanistan

4. PROJECT TITLE Rotary Wing Apron	5. PROJECT NUMBER 76984
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Mazar E Sharif Afghanistan				4. PROJECT TITLE Perimeter Fence and Guard Towers		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 872	7. PROJECT NUMBER 76973		8. PROJECT COST (\$000) Auth 10,400 Approp 10,400	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,726
Security Fencing w/lighting		m (LF)	7,200 (23,622)		428.76	(3,087)
Guard Towers		EA	12 --		62,000	(744)
Anti-vehicle Ditch		m (LF)	8,200 (26,903)		106.72	(875)
Electric Lines		m (LF)	8,500 (27,887)		268.93	(2,286)
Roads		LS	--		--	(600)
Total from Continuation page						(134)
<u>SUPPORTING FACILITIES</u>						1,104
Paving, Walks, Curbs & Gutters		LS	--		--	(200)
Storm Drainage		LS	--		--	(175)
Site Imp(325) Demo()		LS	--		--	(325)
Information Systems		LS	--		--	(79)
Antiterrorism Measures		LS	--		--	(325)
ESTIMATED CONTRACT COST						8,830
CONTINGENCY (5.00%)						442
SUBTOTAL						9,272
SUPV, INSP & OVERHEAD (7.70%)						714
DESIGN/BUILD - DESIGN COST						371
TOTAL REQUEST						10,357
TOTAL REQUEST (ROUNDED)						10,400
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct perimeter fence & guard towers. Project includes security fencing, guard towers, anti-vehicle ditch, underground electrical lines, building information systems and antiterrorism/force protection measures. Supporting facilities include utilities, paving, roads, security lighting, information systems and site improvements.						
11. REQ:		7,200 m	ADQT:	NONE	SUBSTD:	7,200 m
PROJECT: Construct Perimeter Fence and Guard Towers at Mazar E Sharif, Afghanistan. (Current Mission)						
REQUIREMENT: This project is required to provide security to support the population increase at Mazar E Sharif. Force protection is necessary to provide security for personnel and aircraft. Security fencing does not exist in this area of Mazar E Sharif. As a result, the extension of security fencing, guard towers, and security monitoring is required to support this expansion and provide security.						
CURRENT SITUATION: All of Mazar E Sharif's land is not currently fenced in. The lack of a physically secure perimeter does not provide adequate security and protection of US Forces. This project will allow Mazar E Sharif to provide physical security and monitoring of all its land on the base. Several future						

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Mazar E Sharif, Afghanistan

4. PROJECT TITLE Perimeter Fence and Guard Towers	5. PROJECT NUMBER 76973
--	--------------------------------

9. COST ESTIMATES (CONTINUED)

Item	UM (M/E)	QUANTITY	Unit COST	Cost (\$000)
<u>PRIMARY FACILITY (CONTINUED)</u>				
Antiterrorism Measures	LS	--	--	(120)
Building Information Systems	LS	--	--	(14)
			Total	134

CURRENT SITUATION: (CONTINUED)

construction projects are sited in this eastern expansion area.
IMPACT IF NOT PROVIDED: If this project is not provided, troops and aircraft assets supporting the surge will have no protection. US personnel will be put at acceptable risk, and millions of dollars worth of military property could be damaged. Further construction of US supporting infrastructure will not be possible.
ADDITIONAL: All required physical security and antiterrorism/force protection measures will be incorporated. Sustainable principles will be integrated into the development, design, and construction of the project. Joint use potential will be incorporated where feasible. A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

12. SUPPLEMENTAL DATA:

- A. Estimated Design Data:
- (1) Status:
 - (a) Date Design Started..... APR 2010
 - (b) Percent Complete As Of January 2009..... .00
 - (c) Date 35% Designed..... MAY 2010
 - (d) Date Design Complete..... JUL 2010
 - (e) Parametric Cost Estimating Used to Develop Costs NO
 - (f) Type of Design Contract: Design-build
 - (2) Basis:
 - (a) Standard or Definitive Design: NO
 - (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications.....
 - (b) All Other Design Costs..... 468
 - (c) Total Design Cost..... 468
 - (d) Contract..... 333
 - (e) In-house..... 135
 - (4) Construction Contract Award..... JUN 2010
 - (5) Construction Start..... AUG 2010

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION Mazar E Sharif, Afghanistan	
---	--

4. PROJECT TITLE Perimeter Fence and Guard Towers	5. PROJECT NUMBER 76973
--	----------------------------

12. SUPPLEMENTAL DATA: (Continued)

A. Estimated Design Data: (Continued)

(6) Construction Completion..... FEB 2011

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Tombstone/Bastion Afghanistan				4. PROJECT TITLE Command & Control HQ Facility		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 141	7. PROJECT NUMBER 76916		8. PROJECT COST (\$000) Auth 24,000 Approp 24,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						17,293
Command And Control Facility		m2 (SF)	6,039 (65,000)		2,477	(14,957)
Special Compart. Info Facility		m2 (SF)	400 (4,306)		4,636	(1,854)
Antiterrorism Measures		LS	--		--	(250)
Building Information Systems		LS	--		--	(232)
<u>SUPPORTING FACILITIES</u>						3,457
Electric Service		LS	--		--	(639)
Water, Sewer, Gas		LS	--		--	(319)
Paving, Walks, Curbs & Gutters		LS	--		--	(1,686)
Site Imp(673) Demo()		LS	--		--	(673)
Information Systems		LS	--		--	(69)
Antiterrorism Measures		LS	--		--	(71)
ESTIMATED CONTRACT COST						20,750
CONTINGENCY (5.00%)						1,038
SUBTOTAL						21,788
SUPV, INSP & OVERHEAD (7.70%)						1,678
DESIGN/BUILD - DESIGN COST						872
TOTAL REQUEST						24,338
TOTAL REQUEST (ROUNDED)						24,000
INSTALLED EQT-OTHER APPROP						(2,904)
10. Description of Proposed Construction Construct a Command and Control Facility with a Special Compartmented Information Facility (SCIF). Facilities will provide administrative areas, latrines, information systems (fiber optic) distribution, water and sewage systems, heating, ventilation, and air-conditioning and electrical distribution. Supporting facilities include roads, drainage, and parking. Furniture and equipment will be furnished and installed with proponent funds (OMA). Air Conditioning (Estimated 102 kW/29 Tons).						
11. REQ: 6,439 m2 ADQT: NONE SUBSTD: 6,439 m2						
PROJECT: Construct a Command and Control Facility at Tombstone/Bastion, Afghanistan. (Current Mission)						
REQUIREMENT: US Forces have an operational need for the expansion of the Tombstone/Bastion to meet requirements in Regional Command-South, to support the additional personnel and missions coming from the surge.						
CURRENT SITUATION: Additional US Forces are planned to augment forces in Afghanistan. There are no facilities available to support this augmentation.						

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan

4. PROJECT TITLE Command & Control HQ Facility	5. PROJECT NUMBER 76916
---	--------------------------------

IMPACT IF NOT PROVIDED: If this project is not funded, the additional forces provided will not have a facility to provide command and control of ground forces and aircraft, decreasing operational efficiency.

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

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

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications.....
 - (b) All Other Design Costs..... 1,080
 - (c) Total Design Cost..... 1,080
 - (d) Contract..... 787
 - (e) In-house..... 293

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

- (5) Construction Start..... DEC 2010

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

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION
Tombstone/Bastion, Afghanistan

4. PROJECT TITLE Command & Control HQ Facility	5. PROJECT NUMBER 76916
---	----------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

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

<u>Equipment Nomenclature</u>	<u>Procuring Appropriation</u>	<u>Fiscal Year Appropriated Or Requested</u>	<u>Cost (\$000)</u>
Office Furnishings/Equip.	OPA	2011	2,812
Info Sys - ISC	OPA	2011	92
		TOTAL	<u>2,904</u>

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Tombstone/Bastion Afghanistan				4. PROJECT TITLE Utilities Infrastructure		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 832	7. PROJECT NUMBER 76980		8. PROJECT COST (\$000) Auth 21,000 Approp 21,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						13,081
Water Distribution Lines		m (LF)	11,000 (	36,089)	214.95	(2,364)
Electric Lines		m (LF)	15,000 (	49,213)	268.93	(4,034)
Sanitary Sewer System		m (LF)	20,000 (	65,617)	286.59	(5,732)
Sewage Lift Station		LS	--	--	--	(925)
Building Information Systems		LS	--	--	--	(26)
<u>SUPPORTING FACILITIES</u>						4,476
Water, Sewer, Gas		LS	--	--	--	(275)
Paving, Walks, Curbs & Gutters		LS	--	--	--	(240)
Storm Drainage		LS	--	--	--	(2,350)
Site Imp(1,297) Demo()		LS	--	--	--	(1,297)
Information Systems		LS	--	--	--	(104)
Antiterrorism Measures		LS	--	--	--	(210)
ESTIMATED CONTRACT COST						17,557
CONTINGENCY (5.00%)						878
SUBTOTAL						18,435
SUPV, INSP & OVERHEAD (7.70%)						1,419
DESIGN/BUILD - DESIGN COST						737
TOTAL REQUEST						20,591
TOTAL REQUEST (ROUNDED)						21,000
INSTALLED EQT-OTHER APPROP						()
10. Description of Proposed Construction Construct Utilities Infrastructure consisting of water distribution system, wastewater collection system, and electrical distribution system. All lines will connect to existing sources. Supporting facilities include site preparation and a drainage system. Antiterrorism/Force Protection will be included.						
11. REQ: 20,000 m ADQT: NONE SUBSTD: 20,000 m						
PROJECT: Construct Utilities Infrastructure in at Tombstone/Bastion, Afghanistan. Current Mission						
REQUIREMENT: US Forces has an operational need for the expansion of the Tombstone/Bastion to meet requirements in Regional Command-South, Afghanistan. In order to support the additional personnel and equipment, the expansion of utility infrastructure is required.						
CURRENT SITUATION: Tombstone/Bastion was built to expeditionary construction standards to handle a smaller base capacity and mission. Tombstone/Bastion existing infrastructure cannot adequately accommodate the large influx of additional personnel and some infrastructure systems are currently working at a level exceeding their designed capacity at present conditions.						

1.COMONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2.DATE 23 JAN 2010
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3.INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan

4.PROJECT TITLE Utilities Infrastructure	5.PROJECT NUMBER 76980
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IMPACT IF NOT PROVIDED: If this project is not funded, Tombstone/Bastion will not have the capability to sustain the surge of additional US Forces. US Forces will be subject to unnecessary health risks and delays in mission operations significantly degrading US capabilities resulting in decreased operational combat effectiveness.

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

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

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications.....
 - (b) All Other Design Costs..... 945
 - (c) Total Design Cost..... 945
 - (d) Contract..... 688
 - (e) In-house..... 257

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

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

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

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan

4. PROJECT TITLE Utilities Infrastructure	5. PROJECT NUMBER 76980
--	--------------------------------

12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Tombstone/Bastion Afghanistan				4. PROJECT TITLE Gravel Roads		
5. PROGRAM ELEMENT 01010A		6. CATEGORY CODE 851	7. PROJECT NUMBER 76992		8. PROJECT COST (\$000) Auth 8,600 Approp 8,600	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
<u>PRIMARY FACILITY</u>						7,373
Gravel Roads (Crushed Stone)		m2 (SF)	163,844 (1763602)		45.00	(7,373)
<u>SUPPORTING FACILITIES</u>						
ESTIMATED CONTRACT COST						7,373
CONTINGENCY (5.00%)						369
SUBTOTAL						7,742
SUPV, INSP & OVERHEAD (7.70%)						596
DESIGN/BUILD - DESIGN COST						310
TOTAL REQUEST						8,648
TOTAL REQUEST (ROUNDED)						8,600
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Construct 20 miles (32 km) of gravel roads on Tombstone/Bastion. This project provides roads with gravel shoulders supporting normal mission vehicle traffic, providing alternate routes to ease traffic flow, supporting emergency response vehicles and providing diversions for construction traffic.						
11. REQ:		163,844 m2	ADQT: NONE		SUBSTD:	163,844 m2
PROJECT: Construct 20 miles (32km)of gravel roads on Tombstone/Bastion. (Current Mission)						
REQUIREMENT: This project is required to provide 20 miles of gravel roads needed to support vehicle traffic and provide alternate routes to ease traffic flow during high traffic periods and also provide diversions for construction traffic. It is critical to support emergency response vehicles so they will be able to reach all Tombstone/Bastion Facilities during high traffic periods.						
CURRENT SITUATION: The current road system does not provide any alternate routes to vehicle operators during high traffic periods. This significantly restricts traffic movement which can delay response time during an emergency situation.						

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
ARMY		23 JAN 2010

3. INSTALLATION AND LOCATION
Tombstone/Bastion, Afghanistan

4. PROJECT TITLE	5. PROJECT NUMBER
Gravel Roads	76992

IMPACT IF NOT PROVIDED: If these gravel roads are not provided, the ability to react to a force protection threat or emergency on Tombstone/Bastion will be severely impacted. Tombstone/Bastion will have an incomplete transportation system to perform its mission.

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

12. SUPPLEMENTAL DATA:

A. Estimated Design Data:

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

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

- (3) Total Design Cost (c) = (a)+(b) OR (d)+(e): (\$000)
 - (a) Production of Plans and Specifications.....
 - (b) All Other Design Costs..... 387
 - (c) Total Design Cost..... 387
 - (d) Contract..... 269
 - (e) In-house..... 118

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

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

- (6) Construction Completion..... DEC 2010

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
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3. INSTALLATION AND LOCATION

Tombstone/Bastion, Afghanistan

4. PROJECT TITLE Gravel Roads	5. PROJECT NUMBER 76992
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12. SUPPLEMENTAL DATA: (CONTINUED)

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

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

Installation Engineer: LTC Martin Norvel
Phone Number: 404-464-4893

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Worldwide Unspecified			4. PROJECT TITLE Minor Construction			
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 000	7. PROJECT NUMBER 77149		8. PROJECT COST (\$000) Auth Approp 40,000	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY Minor Construction Facilities		LS	--		--	40,000 (40,000)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						40,000
CONTINGENCY (.00 %)						0
SUBTOTAL						40,000
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						40,000
TOTAL REQUEST (ROUNDED)						40,000
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction Unspecified minor construction projects which have a funded cost of \$2,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities as authorized under Title 10 USC 2805. The funded cost limit is \$3,000,000 if the project is intended solely to correct a deficiency that is life threatening, health threatening, or safety threatening.						
11. REQ:		NA	ADQT:		NA	SUBSTD: NA
PROJECT: Minor military construction, worldwide.						
REQUIREMENT: This line item is needed to provide for unspecified projects for which the need cannot reasonably be foreseen nor justified in time to be included in this Military Construction, Army program.						
CURRENT SITUATION: These urgent unforeseen projects address high national priorities such as critical mission requirements, environmental protection, health, and safety. These projects can not wait until the next annual budget submission.						
IMPACT IF NOT PROVIDED: If not provided, the Army will not be able to address urgent and unforeseen requirements that arise during the year.						

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1. COMPONENT ARMY		FY 2010 MILITARY CONSTRUCTION PROJECT DATA			2. DATE 23 JAN 2010	
3. INSTALLATION AND LOCATION Worldwide Unspecified			4. PROJECT TITLE Planning & Design			
5. PROGRAM ELEMENT 91211A		6. CATEGORY CODE 000	7. PROJECT NUMBER 77148		8. PROJECT COST (\$000) Auth Approp 6,696	
9. COST ESTIMATES						
ITEM		UM (M/E)	QUANTITY		UNIT COST	COST (\$000)
PRIMARY FACILITY Planning & Design		LS	--		--	6,696 (6,696)
SUPPORTING FACILITIES						
ESTIMATED CONTRACT COST						6,696
CONTINGENCY (.00 %)						0
SUBTOTAL						6,696
SUPV, INSP & OVERHEAD (.00 %)						0
TOTAL REQUEST						6,696
TOTAL REQUEST (ROUNDED)						6,696
INSTALLED EQT-OTHER APPROP						(0)
10. Description of Proposed Construction This item provides for: parametric, concept, and final design of major and unspecified minor construction projects; value engineering; and the development of standards and criteria for Army facilities in conjunction with the Navy and Air Force.						
11. REQ: NA ADQT: NA SUBSTD: NA						
PROJECT: Planning and design funds.						
REQUIREMENT: This funding is required to provide design and engineering services for regular Military Construction, Army (MCA) and Unspecified Minor projects, including value engineering, and continued development of design criteria and standard designs (conventional functional layouts). This account is dissimilar to any other line item in the Army's MCA budget in that it is reflective of an operations expense, versus a defined scope of a single construction project. Funds will be used by the US Army Corps of Engineers (USACE) districts for in-house designs, Architect-Engineer (A-E) contracts, and administrative support functions. These funds are required for accomplishment of final correction, review, reproduction and advertisement of projects in the FY 2010 program; for advancement to final design of projects in FY 2011 and for initiation of design of projects in FY 2012. The funds request for the annual planning and design requirement includes value						

1. COMPONENT ARMY	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE 23 JAN 2010
3. INSTALLATION AND LOCATION Worldwide Unspecified,		
4. PROJECT TITLE Planning & Design	5. PROJECT NUMBER 77148	
<p>REQUIREMENT: (CONTINUED)</p> <p>engineering, the costs to update standards and criteria, guide specifications, technical manuals, and the cost to continue the Department of the Army (DA) Facility Standardization Program.</p>		