Department of the Air Force

Military Construction Program

Fiscal Year (FY) 2010
Overseas Contingency Operations
Supplemental Request

Justification Data Submitted to Congress
February 2010

DEPARTMENT OF THE AIR FORCE FISCAL YEAR 2010 OVERSEAS CONTINGENCY OPERATIONS SUPPLEMENTAL REQUEST TABLE OF CONTENTS

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DEPARTMENT OF THE AIR FORCE
INDEX
FISCAL YEAR 2010 OVERSEAS CONTINGENCY OPERATIONS SUPPLEMENTAL MILITARY CONSTRUCTION PROGRAM
(DOLLARS IN THOUSANDS)

STATE/COUNTRY	INSTALLATION	PROJECT	AUTH FOR APPN REQUEST	APPN REQUEST	PAGE
AFGHANISTAN	Delarm	Apron	7,800	7,800	7
	Delarm	Runway	5,700	5,700	10
	Dwyer	SOF Helicopter Apron	20,000	20,000	13
	Mazar-E-Sharif	Helicopter Apron	53,000	53,000	16
	Mazar-e-Sharif	Strategic Airlift Apron	27,000	27,000	19
	Shindand	Fuel Operations & Storage	2,550	2,550	22
	Shindand	ISR Apron	53,000	53,000	25
	Shindand	Munitions Storage Area	22,000	22,000	28
	Shindand	SOF Helicopter Apron	20,000	20,000	31
	Shindand	SOF ISR Apron & Support Complex	11,000	11,000	34
	Shindand	Strategic Airlift Apron	23,000	23,000	37
	Worldwide	Unspecified Minor Military Construction	15,000	15,000	41
		Project TOTAL:	260,050	260,050	
	Worldwide	Planning & Design	19,040	19,040	43
		Overseas Contingency TOTAL:	279,090	279,090	

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FY 2010 Military Construction Overseas Contingency Operations Supplemental Funding

MILCON Summary

FY08 GWOT	FY09	FY10	FY10
Enacted	Enacted	Enacted	Supp
$361.6M	**$281.6M**	**$474.5M**	**$279.1M**

Military Construction

Military Construction is a key enabler of overseas contingency operations directly supporting the warfighter, mission operations and enhancing force protection. This Supplemental request provides for expanded operations in Afghanistan including one project at FOB Dwyer, two projects at Mazar-E-Sharif, six projects at Shindand and funding for unspecified minor construction. The request also includes crucial Planning and Design funds for all projects.

Delaram II in western Afghanistan is key to movement of personnel and materiel throughout Regional Command – South. The request includes an unpaved airstrip and aircraft apron to enable that movement.

Dwyer is a key hub to support SOF operations in southern Afghanistan. The request includes a helicopter apron to provide parking for rotary-wing and fixed-wing aircraft. Dwyer currently has no apron space available for Special Operations Forces.

Increased operations in northern Afghanistan require additional logistic support to Mazar-E-Sharif. The request includes a helicopter apron to support combat operations and a strategic airlift apron to support increased flow of personnel and cargo into Mazar-E-Sharif.

Shindand has been identified as a key ISR hub for operations in northern Afghanistan. To support this critical capability, the request includes an apron and shelters for ISR aircraft, a helicopter and ISR apron to support SOF operations as well as additional fuels operations and storage, a munitions storage area and a strategic airlift apron to support increased movement of personnel and cargo.

The request includes funding for unspecified minor construction. This funding will allow construction of projects between $750,000 and $2,000,000 ($3,000,000 to correct life, health or safety deficiencies) in support of increased ground operations. The request also includes Planning and Design (P&D) to complete the design of facilities included in the request.

Military Family Housing Operations and Maintenance (0745)

FY10 Utilities Supplement Request - $7,953M

The Utilities program increase is based on revised crude oil rates provided by the Office of Management and Budget. Price for fuel in this Subactivity Group is calculated using the FY 2010 President's Budget rate of $89.46 versus the current fuel composite rate of $118.02. This would require $10.6 million for Active Family Housing, of which $7.953 million is requested in the FY 2010 Supplemental and $2.647 million is funded by a below threshold reprogramming.

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DELARAM, AFGHANISTAN	APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104300	7,800

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				6,150
APRON	SM	75,000	82	(6,150)
SUPPORTING FACILITIES				512
SITE IMPROVEMENTS	LS			(512)
SUBTOTAL				6,662
CONTINGENCY (5.0%)				333
TOTAL CONTRACT COST				6,995
SUPERVISION, INSPECTION AND OVERHEAD (7.7%)				539
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				266
TOTAL REQUEST				7,800
TOTAL REQUEST (ROUNDED)				7,800

10. Description of Proposed Construction: Construct an unpaved aircraft apron with connecting taxiways and necessary site improvements at FOB Delaram II. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 75000 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: APRON (CURRENT MISSION)

REQUIREMENT: An apron capable of supporting 15 V-22 and 1 C-130 aircraft. A substantial tactical airlift capability at the FOB for the movement of personnel and material throughout Regional Command - South (RC-S) is required. The force beddown may include any combination of the following: counterinsurgency/ground combat units, police mentoring/training teams, headquarters units, support units, combat aviation, etc. These missions will require substantial tactical airlift capability at the base for the movement of personnel and materal to support sustained ground operations in Afghanistan. The apron will be capable of supporting potential future installation of aluminum matting (AM-2).

CURRENT SITUATION: A new site for U.S. Forces is being constructed in the vicinity of Delaram II. Though considered a part of RC-S, Delaram II is geographically located in Western Afghanistan. There are limited airfield capabilities in the West, and many supplies currently have to be brought in from either Bastion or Kandahar, both airfields are overextended.

IMPACT IF NOT PROVIDED: Without this project, the construction of FOB Delaram II will take much longer to complete due to the lack of airlift capability. Commanders will be forced to rely on dangerous ground convoys. Future operations in RC-S and Regional Command - West (RC-W) executed by Task Force Leatherneck from Delaram will remain constrained as a result of the limiting infrastructure and logistics throughput. US Forces which are beginning to expand into RC-W will be forced to rely on supplies from the busy airfields of Kandahar and Bastion, which are also much further away than this proposed Delaram II apron.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only

1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DELARAM, AFGHANISTAN	APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104300	7,800

one option that will meet the operational requirements: new construction. Therefore, a certificate of exception is being prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2801 (c) and other applicable laws and Executive Orders. MAJCOM (AFCENT) POC is Mr. Dave Nelson, (803) 895-8843. (Apron 75,000 SM -= 807,293 SF) A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

JOINT USE CERTIFICATION: This facility will be designed and built for Joint Use Operations in support of OEF.

1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DELARAM, AFGHANISTAN	APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104300	7,800

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 234

(4) Construction Contract Award 10 APR

(5) Construction Start 10 MAY

(6) Construction Completion 11 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:
N/A

DD FORM 1391, DEC 99 Previous editions are obsolete. Page No.

1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DELARAM, AFGHANISTAN	RUNWAY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	111-111	WACC104310	5,700

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				4,510
RUNWAY	SM	55,000	82	(4,510)
SUPPORTING FACILITIES				358
SITE IMPROVEMENTS	LS			(358)
SUBTOTAL				4,868
CONTINGENCY (5.0%)				243
TOTAL CONTRACT COST				5,112
SUPERVISION, INSPECTION AND OVERHEAD (7.7%)				394
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				195
TOTAL REQUEST				5,700
TOTAL REQUEST (ROUNDED)				5,700

10. Description of Proposed Construction: Construct an unpaved runway with turnarounds and necessary site improvements at FOB Delaram II. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 55000 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: RUNWAY (CURRENT MISSION)

REQUIREMENT: A landing zone capable of supporting C-130 operations. A substantial tactical airlift capability at the FOB for the movement of personnel and material throughout Regional Command-South (RC-S) is required. The force beddown may include any combination of the following: counterinsurgency/ground combat units, police mentoring/training teams, headquarters units, support units, combat aviation, etc. These missions will require substantial tactical airlift capability at the FOB for the movement of personnel and materiel to support sustained ground operations in Afghanistan. The landing zone will be capable of supporting potential future installation of aluminum matting (AM-2).

CURRENT SITUATION: A new site for U.S. Forces is being constructed in the vicinity of Delaram II. Though considered a part of RC-South, Delaram II is geographically located in Western Afghanistan. This is one of the sites selected to support the counter-insurgency strategy. There are limited airfield capabilities in the West, and many supplies currently have to be brought in from either Bastion or Kandahar, both of which are overextended.

IMPACT IF NOT PROVIDED: Without this project, the construction of FOB Delaram II will take much longer to complete due to the lack of airlift capability. Commanders will be forced to rely on dangerous ground convoys. Future operations in RC-South and Regional Command-West (RC-West) executed by Task Force Leatherneck from Delaram will remain constrained as a result of the limiting infrastructure and logistics throughput. US Forces which are beginning to expand into RC-West will be forced to rely on supplies from the busy airfields of Kandahar and Bastion, which are also much further away than this proposed Delaram II landing zone.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only

1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DELARAM, AFGHANISTAN	RUNWAY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	111-111	WACC104310	5,700

one option that will meet the operational requirements: new construction. Therefore, a certificate of exception is being prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2801 (c) and other applicable laws and Executive Orders. MAJCOM (AFCENT) POC is Mr. Dave Nelson, (803) 895-8843. (Runway 55,000 SM = 592,015 SF) A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

JOINT USE CERTIFICATION: This facility will be designed and built for Joint Use Operations in support of OEF.

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1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DELARAM, AFGHANISTAN	RUNWAY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	111-111	WACC104310	5,700

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 171

(4) Construction Contract Award 10 APR

(5) Construction Start 10 MAY

(6) Construction Completion 11 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:
N/A

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1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DWYER, AFGHANISTAN	SOF HELICOPTER APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104400	20,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				14,600
SOF HELICOPTER APRON	SM	50,000	292	(14,600)
SUPPORTING FACILITIES				2,397
AIRCRAFT SHELTERS	EA	2	750,000	(1,500)
UTILITIES	LS			(575)
SITE IMPROVEMENTS	LS			(322)
SUBTOTAL				16,997
CONTINGENCY (5.0%)				850
TOTAL CONTRACT COST				17,847
SUPERVISION, INSPECTION AND OVERHEAD (7.7%)				1,374
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				680
TOTAL REQUEST				19,901
TOTAL REQUEST (ROUNDED)				20,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(175

10. Description of Proposed Construction: Construct a Portland cement concrete apron for rotary-wing and fixed-wing aircraft, with connecting taxiways, shoulders and pavement markings. An adjacent concrete pad will be constructed for aircraft maintenance. Supporting facilities include site improvements, utilities including power generation, grounding points, and Aircraft Shelters. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 50000 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: SOF HELICOPTER APRON (CURRENT MISSION)

REQUIREMENT: A fully connected and operable parking apron sized and designed for 6 rotary-wing (CH-47) and 2 fixed-wing (C-12 equivalent) aircraft. The Task Force 714 (TF714) Commander identified Dwyer as a key hub to support Special Operations in Southern Afghanistan. Blast protection barriers, capped with concrete to minimize erosion, are required. This project provides airlift assets and ISR aircraft to support SOF and give COMUSFOR-A operational flexibility to counter emerging threats or reinforce sucessful operations.

CURRENT SITUATION: TF714 requires beddown of Special Operations aircraft in Afghanistan in response to current and future operational requirements. Currently, there is not enough apron space to accommodate the number of Special Operations aircraft that TF714 requires. This has led to delays in operational missions for the Task Force. New apron space is critical to enable the Task Force to extend its operational reach and better support objectives set forth by Commander USFOR-A. Dwyer is central to TF714's air support plan. Dwyer currently has no apron space available for Special Operations Forces.

IMPACT IF NOT PROVIDED: If aircraft parking space is not provided at Dwyer, TF714 will not be able to support increased special operations in Southern Afghanistan. This lack of capability will deny the commander the ability to further support conventional forces throughout the battlespace, to include loss of adequate and timely intelligence. This will force the ground force commander to either delay operations until adequate support can be provided or place his forces at increased

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1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
DWYER, AFGHANISTAN	SOF HELICOPTER APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104400	20,000

risk due to the lack of adequate special operations support.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only one option that will meet the operational requirements: new construction. Therefore, a certificate of exception is being prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. MAJCOM (AFCENT) POC is Mr Dave Nelson, (803) 895-8843. (SOF Helicopter Apron 50,000 SM = 538,200 SF)
A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

JOINT USE CERTIFICATION: This facility will be designed and built for Joint Use Operations in support of OEF.

1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION DWYER, AFGHANISTAN	4. PROJECT TITLE SOF HELICOPTER APRON	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104400	20,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 600

(4) Construction Contract Award 10 APR

(5) Construction Start 10 MAY

(6) Construction Completion 11 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
REVETMENTS	3400	2010	175

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1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MAZAR-E-SHARIF, AFGHANISTAN	HELICOPTER APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104210	53,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				40,200
HELICOPTER APRON	SM	120,000	335	(40,200)
SUPPORTING FACILITIES				4,935
AIRCRAFT SHELTERS	EA	4	750,000	(3,000)
UTILITIES	LS			(1,670)
SITE IMPROVEMENTS	LS			(265)
SUBTOTAL				45,135
CONTINGENCY (5.0%)				2,257
TOTAL CONTRACT COST				47,392
SUPERVISION, INSPECTION AND OVERHEAD (7.7%)				3,649
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				1,805
TOTAL REQUEST				52,846
TOTAL REQUEST (ROUNDED)				53,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(70

10. Description of Proposed Construction: Construct a medium-load Portland cement concrete apron, connecting taxiways, and shoulders for rotary-wing aircraft. Work will also include pavement markings, grounding points, aircraft shelters, utilities (including but not limited to power and electrical connections) and other necessary site improvements. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 120000 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: HELICOPTER APRON (CURRENT MISSION)

REQUIREMENT: A helicopter apron is required to support an increase in force structure into Mazar-E-Sharif (MES) as a result of the increase of forces into northern Afghanistan. COMUSFOR-A has identified an increase of airflow at MES as a key operational capability.

CURRENT SITUATION: MES is currently not capable of handling the huge projected increase in airflow. It is not capable of handling the drastically increased workload. The existing airfield will quickly be overwhelmed when operations increase.

IMPACT IF NOT PROVIDED: If this project is not funded, the commanders in Afghanistan will not be able sustain desired operations tempo in this region. These commanders will face increased risk sustaining additional forces. Logistic support for the additional forces planned for Mazar-E-Sharif will experience undesirable operational delays. The required increase in helicopters to support combat operations is critical to meet COMUSFOR-A objectives in this region.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only one option that will meet the operational requirements: new construction. Therefore, a certificate of exception is being prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design,

1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MAZAR-E-SHARIF, AFGHANISTAN	HELICOPTER APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104210	53,000

development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. MAJCOM (AFCENT) POC is Mr Dave Nelson, (803) 895-8843. (Helicopter Apron 120,000 SM = 1,291,680 SF)
A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

JOINT USE CERTIFICATION: This facility will be designed and built for Joint Use Operations in support of OEF.

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1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MAZAR-E-SHARIF, AFGHANISTAN	HELICOPTER APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104210	53,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 1,590

(4) Construction Contract Award 10 APR

(5) Construction Start 10 MAY

(6) Construction Completion 11 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
REVETMENTS	3400	2011	70

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1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MAZAR-E-SHARIF, AFGHANISTAN	STRATEGIC AIRLIFT APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104200	27,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				20,045
STRATEGIC AIRLIFT APRON	SM	80,500	249	(20,045)
SUPPORTING FACILITIES				2,993
UTILITIES	LS			(30)
SITE IMPROVEMENTS	LS			(2,963)
SUBTOTAL				23,038
CONTINGENCY (5.0%)				1,152
TOTAL CONTRACT COST				24,189
SUPERVISION, INSPECTION AND OVERHEAD (7.7%)				1,863
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				922
TOTAL REQUEST				26,973
TOTAL REQUEST (ROUNDED)				27,000

10. Description of Proposed Construction: Construct a medium-load, Portland cement concrete aircraft apron with connecting taxiways and shoulders for strategic airlift aircraft. Work will also include pavement markings, grounding points, utilities (power and electrical connections), and other necessary site improvements. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 80500 SM Adequate: SM Substandard: SM

PROJECT: STRATEGIC AIRLIFT APRON (CURRENT MISSION)

REQUIREMENT: Mazar-E-Sharif (MES) requires a strategic airlift apron sized to accommodate two strategic airlift aircraft (C-5 and equivalents) in order to expand major logistical and combat support operations into the region. The apron is required to support an increase in cargo & personnel into MES as a result of the increase forces into northern portions of Afghanistan. The Combined Forces Air Component Commander (CFACC) has identified an increase of strategic and tactical airlift at MES as a key logistics capability.

CURRENT SITUATION: There currently is no apron suitable to support sustained strategic airlift operations. USFOR-A is using the base increasingly in support of logistical requirements in northern Afghanistan. In order to support the planned buildup of ground component forces in northern Afghanistan, (where substantial Army forces, including combat aviation, intend to beddown), additional strategic and tactical airlift apron space is required.

IMPACT IF NOT PROVIDED: If this project is not funded, the commanders in Afghanistan will face increased risk sustaining additional forces. Personnel movement and logistic support for the additional forces will experience undesirable operational delays. Sustainment operations will be forced to be executed through hostile conditions. The facilities at the existing air hubs at Bagram and Kandahar are currently overextended (not able to meet the full daily demand for airlift) and unable to fully support the demands of additional forces. With the forecasted increase in troop end strength above current levels, the required increase to cargo handling capacity is in correspondence with and critical to the planned increase in required airlift capacity.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook

1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MAZAR-E-SHARIF, AFGHANISTAN	STRATEGIC AIRLIFT APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104200	27,000

32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only one option that will meet the operational requirements: new construction. Therefore, a certificate of exception is being prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. MAJCOM (AFCENT) POC is Mr Dave Nelson, (803) 895-8843. (Strategic Airlift Apron 80,500 SM = 866,502 SF)

A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

JOINT USE CERTIFICATION: This facility will be designed and built for Joint Use Operations in support of OEF.

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1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
MAZAR-E-SHARIF, AFGHANISTAN	STRATEGIC AIRLIFT APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104200	27,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 810

(4) Construction Contract Award 10 APR

(5) Construction Start 10 MAY

(6) Construction Completion 11 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:
N/A

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1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	FUELS OPERATIONS & STORAGE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	124-135	WACC104603	2,550

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				1,639
PAVEMENTS	SM	8,500	174	(1,479)
BERMS	LS			(160)
SUPPORTING FACILITIES				526
UTILITIES	LS			(165)
SITE IMPROVEMENTS	LS			(361)
SUBTOTAL				2,165
CONTINGENCY (5.0%)				108
TOTAL CONTRACT COST				2,273
SUPERVISION, INSPECTION AND OVERHEAD (7.7%)				175
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				87
TOTAL REQUEST				2,535
TOTAL REQUEST (ROUNDED)				2,550)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(400

10. Description of Proposed Construction: Construct earthen berms for four 200K gallon expeditionary fuel bladders and a concrete pad suitable for parking and operations of fourteen R-11 refueling vehicles. Project will include all site work, utilities/infrastructure (including a fill stand and off-load point), lighting, security fence, and other work required to make the project complete and usable. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 8500 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: FUELS OPERATIONS & STORAGE (CURRENT MISSION)

REQUIREMENT: Shindand AB, requires a minimum of 800,000 gallons of JP-8 fuel storage in near proximity to planned US air operations at the base. The force increase in Afghanistan will require additional ISR and airlift aircraft at the base. These aircraft require a short-term fuel storage area with fill stand and fuel truck parking/capability in order to facilitate responsive refueling operations.

CURRENT SITUATION: Shindand AB, does not have an operational fuel storage area to support flying operations. Infrastructure will be built to support ISR and airlift aircraft plus-up at the base; these aircraft will require fuel storage, fill stand capability, and parking/operating area for refueling vehicles. The US requires short-term fuel capability (and the capability to fill and operate fuel trucks) on the East side of the runway, near US aircraft, in order to sustain daily operations. This project provides logistic enablers necessary to sustain OEF forces and to give COMUSFOR-A operational flexibility to either introduce additional forces or to redeploy forces as necessary to counter emerging threats or reinforce successful operations.

IMPACT IF NOT PROVIDED: If a fuel storage and a refueling vehicle operational area is not provided on the East side of the airfield at Shindand AB, the base will not be able to support refueling requirements generated by an influx of ISR and airlift aircraft. As apron space is made available by the completion of construction at

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	FUELS OPERATIONS & STORAGE

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	124-135	WACC104603	2,550

Shindand AB, US aircraft will be deployed there. Fuel storage and refueling capability must be provided on the East side of the airfield (near planned aprons), or refueling operations will be forced to run from limited existing storage areas more than two miles away, causing delays in refueling critical operational aircraft.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only one option that will meet the operational requirements: new construction. Therefore, a certificate of exception is being prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. MAJCOM (AFCENT) POC is Mr Dave Nelson, (803) 895-8843. (Pavements 8,500 SM = 91,494 SF) A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

JOINT USE CERTIFICATION: This facility will be designed and built for Joint Use Operations in support of OEF.

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1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE
3. INSTALLATION AND LOCATION SHINDAND, AFGHANISTAN	4. PROJECT TITLE FUELS OPERATIONS & STORAGE	

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	124-135	WACC104603	2,550

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 77

(4) Construction Contract Award 10 APR

(5) Construction Start 10 MAY

(6) Construction Completion 11 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
FUEL BLADDERS	3400	2011	400

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1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	ISR APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104660	53,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				42,000
ISR APRON	SM	80,000	285	(22,800)
AIRCRAFT SHELTERS	EA	24	800,000	(19,200)
SUPPORTING FACILITIES				3,181
UTILITIES	LS			(1,320)
SITE IMPROVEMENTS	LS			(1,861)
SUBTOTAL				45,181
CONTINGENCY (5.0%)				2,259
TOTAL CONTRACT COST				47,440
SUPERVISION, INSPECTION AND OVERHEAD (7.7%)				3,653
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				1,807
TOTAL REQUEST				52,900
TOTAL REQUEST (ROUNDED)				53,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(1,500

10. Description of Proposed Construction: Construct a medium-load Portland cement concrete apron with connecting taxiways, and shoulders for ISR aircraft shelters; project includes all site work, pavement markings, tie-downs, aircraft shelters, fire suppression system, utilities (including but not limited to power generation and connections, and electrical infrastructure), and all other elements required to make the ramp complete and usable. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 80000 SM Adequate: SM Substandard: SM

PROJECT: ISR APRON (CURRENT MISSION)

REQUIREMENT: A fully connected and operable apron sized and designed for 24 Intelligence, Surveillance and Reconnaissance (ISR) aircraft shelters. The Combined Forces Air Component Commander (CFACC) has identified Shindand AB as a key ISR hub to support USFOR-A operations in western portions of Afghanistan.

CURRENT SITUATION: The CFACC requires beddown of ISR aircraft in Afghanistan in response to current ground-force planning efforts. Currently, there is not enough apron space to accommodate the number of ISR aircraft that COMUSAFOR-A has requested. This has led to delays in ISR aircraft arriving in theater as needed. New apron space is critical to a planned increase of ISR aircraft in western Afghanistan in the next two years. This project provides COMUSFOR-A the operational flexibility to either introduce additional forces or to redeploy forces as necessary to counter emerging threats or reinforce successful operations. Shindand AB currently has no apron space available for planned counterinsurgency operations.

IMPACT IF NOT PROVIDED: If ISR apron space is not provided at Shindand AB, the CFACC will not be able to support increased ground operations in Western Afghanistan. This lack of ISR assets will force the commander to dedicate his resources to ongoing operations. The commander will not be able to provide persistent coverage of high threat areas to enable better forecasting of hostile actions or conduct pre-emptive operations. This will result in lost opportunities

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	ISR APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104660	53,000

due to this lack of adequate and timely intelligence. This will force the ground force commander to either delay operations until adequate support can be provided or place his forces at increased risk due to the lack of adequate airpower.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only one option that will meet the operational requirements: new construction. Therefore, a certificate of exception is being prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. MAJCOM (AFCENT) POC is Mr Dave Nelson, (803) 895-8843. (ISR Apron 80,000 SM = 861,120 SF) A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

JOINT USE CERTIFICATION: This facility will be designed and built for Joint Use Operations in support of OEF.

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	ISR APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104660	53,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 1,590

(4) Construction Contract Award 10 APR

(5) Construction Start 10 MAY

(6) Construction Completion 11 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
REVETMENTS	3400	2011	1,500

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1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	MUNITIONS STORAGE AREA

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	422-271	WACC104650	22,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				10,985
MUNITIONS STORAGE AREA	SM	65,000	169	(10,985)
SUPPORTING FACILITIES				7,694
MUNITIONS SUPPORT FACILITIES	LS			(2,850)
UTILITIES	LS			(2,947)
SITE IMPROVEMENTS	LS			(1,897)
SUBTOTAL				18,679
CONTINGENCY (5.0%)				934
TOTAL CONTRACT COST				19,613
SUPERVISION, INSPECTION AND OVERHEAD (7.7%)				1,510
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				747
TOTAL REQUEST				21,870
TOTAL REQUEST (ROUNDED)				22,000

10. Description of Proposed Construction: Project will include all required site work and earthwork, drainage improvements, paved roadways, pre-engineered metal facilities, 24 paved munitions storage pads, lightning protection, site lighting and security fencing. Work will include all civil, mechanical, electrical, and communications infrastructure and other utilities including, power generation, necessary to produce a complete and usable munitions storage area (MSA). This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 65000 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: MUNITIONS STORAGE AREA (CURRENT MISSION)

REQUIREMENT: Shindand AB requires an area to safely receive, store, build, and provide sustained delivery of munitions for ground and air combat. Shindand AB has been identified as a major US Forces beddown location for an increase in counterinsurgency and police mentoring/training teams in Afghanistan. Construction of an MSA compound with road infrastructure, concrete storage pads and functional facilities is necessary in order to create efficient operational flow and ensure safe operating conditions.

CURRENT SITUATION: Shindand AB does not have an adequate MSA. A number of new air missions plan to beddown and require a munitions/ammunition storage area that cannot be met by existing infrastructure.

IMPACT IF NOT PROVIDED: The current MSA will not be able to support munitions storage and operational requirements associated with new missions. Munitions will either not be available or available on an uncertain and limited basis; both options will severely limit the CFACC and ground combat Commanders' ability to support combat operations. Alternatively, any expedient method of storage will require the CFACC and other Commanders to assume unacceptably high levels of risk in storage and operations; any expedient storage method will require significant leeway in security, access, proximity to airfield or base operational areas, and may leave munitions more exposed to the elements, driving a higher rate of failure.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	MUNITIONS STORAGE AREA

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	422-271	WACC104650	22,000

32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only one option that will meet the operational requirements: new construction. Therefore, a certificate of exception is being prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. MAJCOM (AFCENT) POC is Mr Dave Nelson, (803) 895-8843. (Munitions Storage Area 65,000 SM = 699,660 SF)

A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

JOINT USE CERTIFICATION: This facility will be designed and built for Joint Use Operations in support of OEF.

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	MUNITIONS STORAGE AREA

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	422-271	WACC104650	22,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 660

(4) Construction Contract Award 10 APR

(5) Construction Start 10 MAY

(6) Construction Completion 11 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:
N/A

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	SOF HELICOPTER APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104600	20,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				14,600
SOF HELLICOPTER APRON	SM	50,000	292	(14,600)
SUPPORTING FACILITIES				2,397
AIRCRAFT PARKING SHELTERS	EA	2	750,000	(1,500)
UTILITIES	LS			(575)
SITE IMPROVEMENTS	LS			(322)
SUBTOTAL				16,997
CONTINGENCY (5.0%)				850
TOTAL CONTRACT COST				17,847
SUPERVISION, INSPECTION AND OVERHEAD (7.7%)				1,374
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				680
TOTAL REQUEST				19,901
TOTAL REQUEST (ROUNDED)				20,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(175

10. Description of Proposed Construction: Construct a Portland cement concrete apron for rotary-wing and fixed-wing aircraft, with connecting taxiways, shoulders and pavement markings. An adjacent concrete pad will be constructed for aircraft maintenance. Supporting facilities include site improvements, utilities including power generation, grounding points, and aircraft shelters. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 50000 SM Adequate: 0 SM Substandard: 0 SM

PROJECT: SOF HELICOPTER APRON (CURRENT MISSION)

REQUIREMENT: A fully connected and operable parking apron sized and designed for 6 rotary-wing (CH-47) and 2 fixed-wing (C-12 equivalent) aircraft. The Task Force 714 (TF714) Commander identified Shindand AB as a key hub to support Special Operations in Western Afghanistan. Blast protection barriers capped with concrete to minimize erosion, are required. This project provides lift assets and ISR aircraft to support SOF and to give COMUSFOR-A operational flexibility to counter emerging threats or reinforce sucessful operations.

CURRENT SITUATION: TF714 requires beddown of Special Operations aircraft in Afghanistan in response to current and future operational requirements. Currently, there is not enough apron space to accommodate the number of Special Operations aircraft that TF714 requires. This has led to delays in operational missions for the Task Force. New apron space is critical to enable the Task Force to extend its operational reach and better support objectives set forth by Commander USFOR-A. Shindand AB is central to TF714's air support plan. Shindand AB currently has no apron space available for Special Operations Forces.

IMPACT IF NOT PROVIDED: If aircraft parking space is not provided at Shindand AB, TF714 will not be able to support increased special operations in Western Afghanistan. This lack of capability will deny the commander the ability to further support conventional forces throughout the battlespace, to include loss of adequate and timely intelligence. This will force the ground force commander to either delay

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	SOF HELICOPTER APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104600	20,000

operations until adequate support can be provided or place his forces at increased risk due to the lack of adequate special operations support.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only one option that will meet the operational requirements: new construction. Therefore, a certificate of exception is being prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. MAJCOM (AFCENT) POC is Mr Dave Nelson, (803) 895-8843. (SOF Helicopter Apron 50,000 SM = 538,200 SF)
A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

JOINT USE CERTIFICATION: This facility will be designed and built for Joint Use Operations in support of OEF.

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	SOF HELICOPTER APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104600	20,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 600

(4) Construction Contract Award 10 APR

(5) Construction Start 10 MAY

(6) Construction Completion 11 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
REVETMENTS	3400	2010	175

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	SOF ISR APRON & SUPPORT COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104601	11,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				6,419
SOF ISR APRON	SM	13,300	242	(3,219)
SUPPORT COMPLEX	SM	2,000	1,600	(3,200)
SUPPORTING FACILITIES				2,939
AIRCRAFT SHELTERS	EA	2	750,000	(1,500)
LATRINE FACILITIES	LS			(198)
UTILITIES	LS			(774)
SITE IMPROVEMENTS	LS			(467)
SUBTOTAL				9,358
CONTINGENCY (5.0%)				468
TOTAL CONTRACT COST				9,825
SUPERVISION, INSPECTION AND OVERHEAD (7.7%)				757
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				374
TOTAL REQUEST				10,956
TOTAL REQUEST (ROUNDED)				11,000)
EQUIPMENT FROM OTHER APPROPRIATIONS (NON-ADD)				(150

10. Description of Proposed Construction: Construct a Portland cement concrete apron and taxiways, pavement markings, aircraft shelters, concrete masonry office and barracks facilities, communications towers, container storage area, ground vehicle parking area, weapons arming area, utility lines, generator power, and fuel and oil storage points for the Extended Range Multi-Purpose Quick Reaction Capability Site-2 (ERMP QRC-2), unmanned aerial vehicle (UAV) Platoon at Shindand AB. Office and barracks facilities will support 60 persons. Aircraft shelters will support a total of four UAV's, each similar in dimension to a C-12 aircraft. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 15300 SM Adequate: SM Substandard: SM

PROJECT: SOF ISR APRON & SUPPORT COMPLEX (CURRENT MISSION)

REQUIREMENT: An apron to support four ISR aircraft and a dedicated support complex is required to meet COMUSFOR-A operational requirements. Concrete masonry unit (CMU) facilities are required to provide operations and maintenance facilities for the ERMP QRC-2 Platoon that will be deploying to Shindand AB to provide ISR and guided weapons support to US Special Forces in RC-West in 2010. Durable, secure, climate controlled facilities are needed to protect the sensitive electronic equipment and technical specialists to maintain long term operations in the harsh Afghanistan climate.

CURRENT SITUATION: Currently, there is one UAV platform providing ISR support from Shindand Airfield. Additional US Forces are moving into RC-West and US Special Forces are increasing operations in RC-West. The ERMP QRC2 Platoon is one of the UAV platforms scheduled to be based in Shindand to provide ISR but the only one that will provide guided munitions support to US Forces in RC-West.

IMPACT IF NOT PROVIDED: If CMU facilities are not provided, the ERMP QRC2 Platoon will not have adequate facilities to perform sustained and extended operations.

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1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	SOF ISR APRON & SUPPORT COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104601	11,000

Uploaded Predator UAVs with Hellfire missiles are at risk of misfires. ISR coverage will be degraded with reduced flight hours and distances due to electronic communications and guidance equipment maintenance issues due to the Afghan dust and harsh climate conditions.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook 32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only one option that will meet the operational requirements: new construction. Therefore, a certificate of exception is being prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. MAJCOM (AFCENT) POC is Mr Dave Nelson, (803) 895-8843. (SOF ISR Aapron 13,300 SM = 143,108 SF; Support Complex 2,000 SM = 21,520 SF)
A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

JOINT USE CERTIFICATION: This facility will be designed and built for Joint Use Operations in support of OEF.

1. COMPONENT AIR FORCE	FY 2010 MILITARY CONSTRUCTION PROJECT DATA (computer generated)	2. DATE

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	SOF ISR APRON & SUPPORT COMPLEX

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104601	11,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 330

(4) Construction Contract Award 10 APR

(5) Construction Start 10 MAY

(6) Construction Completion 11 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATED OR REQUESTED	COST ($000)
REVETMENTS	3400	2011	150

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1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	STRATEGIC AIRLIFT APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104602	23,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				17,625
STRATEGIC AIRLIFT APRON	SM	75,000	235	(17,625)
SUPPORTING FACILITIES				1,890
UTILITIES	LS			(30)
SITE IMPROVEMENTS	LS			(1,860)
SUBTOTAL				19,515
CONTINGENCY (5.0%)				976
TOTAL CONTRACT COST				20,491
SUPERVISION, INSPECTION AND OVERHEAD (7.7%)				1,578
DESIGN/BUILD - DESIGN COST (4.0% OF SUBTOTAL)				781
TOTAL REQUEST				22,849
TOTAL REQUEST (ROUNDED)				23,000

10. Description of Proposed Construction: Construct a medium-load, Portland cement concrete aircraft apron with connecting taxiways and shoulders for strategic airlift aircraft. Work will also include pavement markings, grounding points, utilities (power and electrical connections), and other necessary site improvements. This project will comply with DoD antiterrorism/force protection requirements per Unified Facilities Criteria.

11. Requirement: 75000 SM Adequate: SM Substandard: SM

PROJECT: STRATEGIC AIRLIFT APRON (CURRENT MISSION)

REQUIREMENT: Shindand AB requires a strategic airlift apron sized to accommodate two strategic airlift aircraft (C-5 and equivalents) in order to expand major llogistical and combat support operations into the region. The apron is required to support an increase in cargo & personnel into Shindand AB as a result of the increase of forces into western portions of Afghanistan. The Combined Forces Air Component Commander (CFACC) has identified an increase of strategic and tactical airlift at Shindand AB as a key logistics capability.

CURRENT SITUATION: There currently is no apron suitable to support sustained strategic airlift operations. USFOR-A is using the base increasingly in support of logistical requirements in western Afghanistan. In order to support the planned buildup of ground component forces in western Afghanistan, (where substantial Marine and Army forces, including combat aviation, intend to beddown), additional strategic and tactical airlift apron space is required.

IMPACT IF NOT PROVIDED: If this project is not funded, the commanders in Afghanistan will face increased risk sustaining additional forces. Personnel movement and logistic support for the additional forces will experience undesirable operational delays. Sustainment operations will be forced to be executed through hostile conditions. The facilities at the existing air hubs at Bagram and Kandahar are currently overextended (not able to meet the full daily demand for airlift) and unable to fully support the demands of additional forces. With the forecasted increase in troop end strength above current levels, the required increase to cargo handling capacity is in correspondence with and critical to the planned increase in required airlift capacity.

ADDITIONAL: This project meets the criteria/scope specified in Air Force Handbook

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	STRATEGIC AIRLIFT APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104602	23,000

32-1084, Facility Requirements. An economic analysis was not performed for this project. A preliminary analysis of reasonable options for meeting this requirement (status quo, renovation, new construction) was done. It indicates there is only one option that will meet the operational requirements: new construction. Therefore, a certificate of exception is being prepared. Sustainable principles, to include Life Cycle cost-effective practices, will be integrated into the design, development and construction of the project in accordance with Executive Order 13423, 10 USC 2802 (c) and other applicable laws and Executive Orders. MAJCOM (AFCENT) POC is Mr Dave Nelson, (803) 895-8843. (Strategic Airlift Apron 75,000 SM = 807,300 SF)
A NATO pre-financing statement (PFS) will be submitted for this project prior to award.

JOINT USE CERTIFICATION: This facility will be designed and built for Joint Use Operations in support of OEF.

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
SHINDAND, AFGHANISTAN	STRATEGIC AIRLIFT APRON

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
27576	113-321	WACC104602	23,000

12. SUPPLEMENTAL DATA:

a. Estimated Design Data:

(1) Project to be accomplished by design-build procedures

(2) Basis:
(a) Standard or Definitive Design - NO
(b) Where Design Was Most Recently Used -

(3) All Other Design Costs 690

(4) Construction Contract Award 10 APR

(5) Construction Start 10 MAY

(6) Construction Completion 11 MAY

(7) Energy Study/Life-Cycle analysis was/will be performed YES

b. Equipment associated with this project provided from other appropriations:
N/A

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3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED	UNSPECIFIED MINOR CONSTRUCTION

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
91211	102-11	WACC104810	15,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				15,000
UNSPECIFIED MINOR MILITARY CONSTRUCTION	LS			(15,000)
SUPPORTING FACILITIES				0
SUBTOTAL				15,000
TOTAL CONTRACT COST				15,000
TOTAL REQUEST				15,000

10. Description of Proposed Construction: As required.

11. Requirement: Adequate: Substandard:

PROJECT: As required.

REQUIREMENT: Minor construction projects authorized by 10 U.S. Code 2805 are military construction projects with an estimated funded cost between $750,000 and $2,000,000; however projects with an estimated funded cost of up to $3,000,000 may be funded under this authority to correct life, health, or safety deficiencies. This package provides a means of accomplishing urgent projects that are not identified but which are anticipated to arise during FY10. Included would be projects to support new mission requirements, support of new equipment and concepts, and other essential support to Air Force missions and functions that could not wait until availability of FY11 Military Construction Program funds.

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1. COMPONENT	FY 2010 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
AIR FORCE	(computer generated)	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
WORLDWIDE UNSPECIFIED	PLANNING AND DESIGN

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
91211	102-11	WACC104800	19,040

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITIES				19,040
PLANNING AND DESIGN	LS			(19,040)
SUPPORTING FACILITIES				0
SUBTOTAL				19,040
TOTAL CONTRACT COST				19,040
TOTAL REQUEST				19,040
TOTAL REQUEST (ROUNDED)				19,040

10. Description of Proposed Construction: Planning and Design.

11. Requirement: Adequate: Substandard:

PROJECT: As required.

REQUIREMENT: These planning and design funds are required to complete the design of facilities in the FY10 Supplemental request. Also provide funds for value engineering and for the support of design and construction management of projects that are funded by foreign governments and for design of classified and special programs.

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DEPARTMENT OF THE AIR FORCE
MILITARY FAMILY HOUSING
FISCAL YEAR 2010 BUDGET REQUEST

RECONCILIATION OF INCREASES AND DECREASES

EXHIBIT OP-5

Utilities. This program provides for all utilities consumed in government-owned family housing. This program funds electricity, natural gas, fuel oil and other purchased heating, water, sewage and waste systems. Military Family Housing residents and housing management continue to work towards meeting energy reduction goals. However, as the majority of homes become privatized, and utility cost responsibility is shifted to private developers, this becomes less of an overall government concern. Utility funding for the MFH offices and warehouses is included under Management.

		($ in Thousands)
1.	FY 2010 President's Budget	$0
2.	Congressional Adjustments:	None
3.	FY 2010 Projected Appropriated Amount:	$0
4.	Supplementals:	$7,953
5.	Price Growth:	None
6.	Functional Program Transfers:	None
7.	Program Increases:	None
8.	Program Decreases:	None
9.	FY 2010 Current Estimate	$0
10.	Price Growth:	
a.	General Inflation (1.1 %)	$0
11.	Functional Program Transfer:	None
12.	Program Increase:	None
13.	Program Decrease:	None
14.	FY 2010 Budget Request:	$7,953

Analysis of Changes in Utilities

The Utilities program increase is based on revised crude oil rates provided by the Office of Management and Budget. Price for fuel in this Subactivity Group is calculated using the FY 2010 President's Budget rate of $89.46 versus the current fuel composite rate of $118.02. This would require $10.6 Million for Active Family Housing; of which $7.953 is requested in the FY 2010 Supplemental and $2.647 Million which we may handle through a below threshold reprogramming.