## Summary of Military Construction Projects

**Component:** Air Force

Category\*:

Project: PAYZ080009, Planning and Design

Location: USAF Headquarters

Amount (\$000): \$35.0M

**Description/Justification:** Project will provide planning and design funds to construct the Military Construction projects included in this Supplemental request.

**Impact if not provided**: Planning and design funds must be taken from other approved projects to fund the designs for emergency supplemental projects, causing design risk for several projects.

1. COMPONENT		FY 2008 MILITARY	CONSTRU	JCTIO	N PROJECT	DATA	2. DATE Sep 2007
AIR FORCE		COMPTON COMPTON	ater ge	A D	POTECT TT	TLE	
3. INSTALLATIO	N AND I	LOCATION		4. P.	RODECT TI		
BAGRAM AB, AFG	HANIST	AN		EAST	SIDE HEL	O RAMP	
5. PROGRAM ELE	MENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT	COST (\$000)
27596		113-321	TA	UH080	0101	44	400
		9. COS	T ESTI	MATES	3		
		ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITI	ES						36,336
APRON				SM	89,371	250	( 22,343 )
TAXIWAY				SM	5,135	97	( 497 )
SITE PREP				SM	109,747	8	( 865 )
AIRFIELD LIGHTI	ING			LM	3,090	400	( 1,236 )
SHOULDERS				SM	15,241	46	( 695 )
MAINT SUPPORT/C	DPS FACI	LITIES		LS			( 10,700 )
SUPPORTING FACIL	ITIES						3,300
UTILITIES				LS			( 1,400)
SITE IMPROVEMEN	TS			LS			( 1,900)
SUBTOTAL							39,636
CONTINGENCY	(5.0	%)					1,982
TOTAL CONTRACT C	OST						41,618
SUPERVISION, INS	PECTION	AND OVERHEAD	(6.5%)				2,705
TOTAL REQUEST							44,323
TOTAL REQUEST (R	OUNDED)						44,400
10. Description rotary wing aim to the threshold Parking ramp and shoulders.	on of P rcraft. ld of t nd taxi	roposed Constructi Project will inc he runway and requ ways will include	on: Co lude al ired ma all req	nstru l tax inten uired	ct concre iways nec ance and lighting	te parking essary to c operations , markings	apron for onnect ramp facilities. and
DO TROTT - Reat		I DM Adequate.	U DIA	bubb	cundur a.	00071 011	
PROJECT: East REQUIREMENT: D relocate all re prevent fixed v CURRENT SITUAT	Side H Bagram otary w wing an ION: A	Air Base requires ing assets to a co d rotary wing asse ll unarmed rotary	a rotar nsolida ts from wing ai	y win ted a mixi rcraf	g parking rea. Thi ng in the t are par	ramp that s relocation same ramp ked on the	will n will space. southern
half of the mai various fixed the same ramp Debris (FOD) p damage to the The construct completion in	in park wing op space i roduced fixed w ion of the fal	ing ramp at Bagram erations. This mi s not acceptable d by rotary wing op ring assets due to a parking ramp for l of 2007 and will	The x of ro ue to t eration the exc armed split	north tary he hi s. T essiv rotar rotar	ern half wing and gh levels here is a e FOD on y wing ai y wing op	of this ram fixed wing of Foreign constant r the ramps a rcraft is s perations on	p supports aircraft on Object isk of nd taxiways. cheduled for opposite
sides of the a the base would risk to fixed same area of the repair aircraft base to get to up ramp space is currently ca IMPACT IF NOT	irfield increa wing ai he airf t. Rot specia allowin ausing PROVIDE	Consolidating a se efficiency of o rcraft. Allowing field will greatly ary wing aircraft lized shops. This g fixed wing asset airfield safety is D: Rotary wing as	ll rota peratio all rot increas parts w move o s to ma sues du sets wi	ry wi ns an ary w e the ill n f rot intai e to ll ha	ng assets d signifi ing aircr ability ot need t ary wing n safe wi the conge we split	to the eas cantly redu aft to oper of maintena to travel ac assets will ng tip clea stion at Ba operations,	t side of ce the FOD ate from the nce crews to ross the also free rances which gram AB. increasing

Previous editions are obsolete.

1. COMPONENT AIR FORCE	FY 2008 MILITARY (comp	CONSTRU uter gen	CTION PROJECT merated)	DATA	2. DATE Sep 2007
3. INSTALLATIO BAGRAM AB, AFO	ON AND LOCATION SHANISTAN		4. PROJECT T	ITLE LO RAMP	
5. PROGRAM ELI 27596	EMENT 6. CATEGORY CODE 113-321	7. PROJ	JECT NUMBER	<ol> <li>PROJECT CO 44,4</li> </ol>	ST (\$000) 00

down time of aircraft. Unarmed rotary wing aircraft will remain on the south half of the main parking ramp and armed rotary wing aircraft will move across the airfield. Fixed wing aircraft will remain at risk due to the high levels of FOD and restricted parking space available on the main ramp. The limited ramp space will severely limit the ability of Bagram to support any additional mission requirements.

JOINT USE CERTIFICATION: This facility will be designed and built for joint use operations.

DD FORM 1391, DEC 99

Previous editions are obsolete.

IR FORCE		(comput)	er gener	rated)		
. INSTALLATI	ON AND L	OCATION		4. PROJECT	TITLE	
BAGRAM AB, AF	GHANISTA	LN		EAST SIDE H	ELO RAMP	
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJECT C	OST (\$000)
27596		113-321	ATU	H080101	44	,400
12 SUDDI.EMEN	TAT. DATZ				1	
EZ. SUFFLEMEN	d Dealer	. Daha				
a. Estimate	d Design	1 Data:				
(1) Statu (a) Da	s: te Degic	m Started			1	5-0CT-07
(b) Pa	rametric	c Cost Estimates use	ed to de	velop costs	1.	YES
* (c) Pe	rcent Co	omplete as of 01 JAN	1 2007	-		25%
* (d) Da	te 35% I	Designed			0:	L-FEB-08
(e) Da	te Desig	n Complete			0:	L-FEB-08
(f) En	ergy Stu	idy/Life-Cycle analy	sis was	/will be per	rformed	NO
(2) Basis	:					
(a) St	andard o	or Definitive Design	n -			NO
(b) Wh	ere Desi	ign Was Most Recentl	ly Used			
(3) Total	Cost (c	(a) = (a) + (b)  or  (d)	i) + (e)	:		(\$000)
(a) Pr	oduction	n of Plans and Speci	ficatio	ns		4,345
(b) Al	1 Other	Design Costs				0
(c) To	tal					4,345
(a) Co. (e) In	-house					0
						·
(4) Constr	ruction	Contract Award				08 MAR
(5) Const:	ruction	Start				08 APR
(6) Const:	ruction	Completion				09 NOV
* Indicate which is cost and	es compl s compar d execut	etion of Project De Table to traditional Tability.	finition . 35% de	n with Param sign to ensu	metric Cost Es are valid scop	stimate De,
b. Equipment N/A	t associ	ated with this proj	ect pro	vided from c	ther appropri	ations:
BODY 1941						
FORM 1391, DI	SC 99	Previous edi	tions an	re obsolete.	P	age No.

1. COMPONENT		FY 2008 MILITARY	CONSTRU	JCTIC	N PROJEC	T DATA	2. DATE
AIR FORCE		(comp	uter gen	erat	ed)		Sep 2007
3 INSTALLATI	ON AND	LOCATION		4. P	ROJECT TI	TLE	
	UNITOT	A NI		DARA	T.T.RT. TAXT	WAY PHASE 2	
BAGRAM AB, AF	SHAN ISI	AN CONTRACT CODE	7	POT	NTIMERD	8 PROTECT	COST (\$000)
5. PROGRAM ELI	EWEN.I.	6. CATEGORY CODE	7. PROC	ACI	NOMBER	o. raddher	0001 (0000)
27596		112-211	AT	UH08	0100	21	L,400
		9. COS	T ESTIN	ATES	3		
						UNIT	COST
		ITEM		U/M	QUANTITY	COST	(\$000)
PRIMARY FACILITI	IES						17,574
TAXTWAY				SM	54,183	238	( 12,915 )
SITE PREP INCL	UDING DR	AINAGE		SM	122,060	7	( 868 )
ASPHALT TAXIWA	Y			SM	5,980	101	( 603 )
ASPHALT SHOULD	ER			SM	69,900	46	( 3,189 )
CURRORATING ENCL	TATEC						1 191
SUPPORTING FACIL	LITIES				2 140	260	( 1 120 )
EDGE LIGHTING				LM	3,140	360	( 1,129 )
SIGNAGE & STRI	PNG			SM	2,225	20	( 01)
SUBTOTAL							18,765
CONTINGENCY	(5.5%	5)					1,032
TOTAL CONTRACT O	COST						19,797
SUPERVISION, INS	SPECTION	AND OVERHEAD	(7.7%)				1,524
TOTAL REQUEST							21,321
TOTAL REQUEST (I	ROUNDED)						21,400
10. Descripti	on of P	roposed Construction	on: Con	stru	ct concre	ete extensio	n of the west
side parallel	taxiway	. This extension	will com	plet	e the wes	st side para	llel to span
the entire len	gth of	the runway. The ta	axiway m	ust	be able t	to support m	edium load
aircraft. Tax	iway wi	11 include all requ	uired ta	xiwa	y lightir	ng and should	lers. Work
includes demoi	LLION O	of existing pavemen	ts as ne	cess	ary.	4102 CM	
11. Requiremen	t: 5418	3 SM Adequate:	SM S	ubst	andard: :	04183 SM	
PROJECT: Para	llel Ta	xiway Phase 2					
REQUIREMENT:	Bagram	Air Base requires a	a full 1	engt	h paralle	el taxiway to	o support
CIOSE AII Supp	TON	s) and strategic a.	at side	TICI	llol torre	icions.	warred for
CORRENT SITUAT	n the F	Y07 Supplemental to	o allow	para	ag to the	ends of th	e new runway
and support st	rategic	airlift aircraft	operatio	ns.	This par	tial taxiwa	y does not
provide close	air sup	port (CAS) aircraf	t direct	acc	ess to th	he threshold	s of the
runway. The r	unway w	as built 11,800 fe	et long	to a	llow CAS	aircraft to	take off and
land fully fue	led and	armed to support a	soldiers	eng	aged with	h the enemy.	The portion
of taxiway app	roved f	or construction in	FY07 al	lows	access t	to the ends	of the runway,
but requires C	AS airc	raft to cross over	to the	far	east side	e of the air	field and
weave through	several	taxiways to acces	s the ru	nway	. This u	innecessary	taxiing of the
of the taxiway	s time	in getting CAS air	crait la	dal	low sires	ecovered. T.	nis extension
of the runway	without	entering current	strategi	c ai	r and rot	arv wing pa	rking areas.
FOD produced b	y the r	otary wing aircraft	t is and	ther	concern	that the FO	D sensitive
CAS aircraft m	ust nav	igate through to a	ccess th	e ru	nway. Th	ne current t	axiway
configuration	limits	the amount of park:	ing spac	e av	ailable d	on the main :	ramp due to
wing tip clear	ance of	large strategic a:	irlift a	ircr	aft. The	e main ramp	extends up to
the edge of th	e exist	ing parallel taxiwa	ay and t	axii	ng wide h	ody aircraf	t require the

Previous editions are obsolete.

1. COMPONENT	F	Y 2008 MILITA	RY CONSTI	RUCTION PROJEC	T DATA	2. DATE
AIR FORCE		(cor	mputer ge	enerated)		Sep 2007
3. INSTALLATION AND LOCATION 4. PROJECT TITLE						
BAGRAM AB, AFO	GHANISTAN			PARALLEL TAX	WAY PHASE 2	
5. PROGRAM ELI	EMENT 6.	CATEGORY COD	E 7. PRO	JECT NUMBER	8. PROJECT CO	ST (\$000)
27596 112-211 ATUH080100 21,400						100

aircraft be set back further; therefore, eliminating potential parking space on the main ramp. This wing tip clearance decreases the parking space available on the extremely congested airfield. A completed parallel taxiway increases the available parking space at Bagram by moving taxiing aircraft away from the main parking areas. IMPACT IF NOT PROVIDED: Without this project, aircraft will not have a continuous parallel taxiway from the south to north ends of the runway. Taxiing wide-body aircraft will continue to limit aircraft parking available on the main apron. This limited parking space due to wing tip clearance significantly decreases the ability to support missions on the main ramp. Close Air Support (CAS) aircraft will continue to taxi excessive distances to access the thresholds of the runway. This extended distance affects the capability of the CAS aircraft to quickly provide support to troops in the field that are engaged with the enemy. The FOD sensitive aircraft will continue taxiing through rotary wing parking areas where FOD is difficult to control.

JOINT USE CERTIFICATION: This facility will be designed and built for joint use operations.

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Previous editions are obsolete.

IR FORCE		(comput	er genera	ted)		Sep 2007
. INSTALLATI	ON AND L	OCATION	4	PROJECT	TTTI.R	
AGRAM AB, AF	GHANISTA	N	PZ	RALLEL TA	XIWAY PHASE 2	
5 PROCRAM EL	EMENT	6 CATEGORY CODE	7 PROTEC		8 PROJECT C	ST (\$000)
27596	SPISNI	112 211	ATTIL	PO100	21	400
27596		112-211	ATOHU	80100	21	,400
L2. SUPPLEMEN	TAL DATA					
a. Estimate	d Design	Data:				
(1) Statu	s :					
(a) Da (b) Da	te Desig	n Started	d to down	lon costa	15	5-OCT-07
(D) Pa	rcent Co	molete as of 01 JAN		top costs		25%
* (d) Da	te 35% D	esigned	2000			-FEB-08
(e) Da	te Desig	n Complete			1	-FEB-08
(f) En	ergy Stu	dy/Life-Cycle analy	vsis was/w	ill be per	formed	NO
(2) Bagig						
(2) Dasis	· andard c	or Definitive Design	-			NO
(b) Wh	ere Desi	.gn Was Most Recentl	y Used -			NO
(2) [[	Cost (s		-			(*****
(3) TOTAL	Cost (c	(a) = (a) + (b) or (d)	() + (e):			(\$000)
(b) Al	1 Other	Design Costs	lications			2,110
(c) To	tal	boblyn oobob				2,116
(d) Co	ntract					0
(e) In	-house					0
(4) Const:	ruction	Contract Award				08 MAR
(5) Const	ruction	Start				08 APR
(6) Const	ruction	Completion				09 NOV
* Indicat which i cost an	es compl s compar d execut	etion of Project De able to traditional ability.	finition v 35% desig	with Param gn to ensu	etric Cost Es re valid scop	timate e,
b. Equipmen N/A	t associ	ated with this proj	ect provid	led from o	ther appropri	ations:

1. COMPONENT		FY 2008 MILITAN	RY CONSTR	UCTIC	ON PROJEC	I DATA	2. DATE
AIR FORCE		(com	nputer ge	nerat	ed)		Sep 2007
3. INSTALLATIO	N AND I	LOCATION		4. P	ROJECT TI	TLE	
BAGRAM AB, AFG	HANIST	AN		STRA	TEGIC RAM	P	
5. PROGRAM ELE	MENT	6. CATEGORY COD	E 7. PRC	JECT	NUMBER	8. PROJECT C	OST (\$000)
						10	
27596		113-321 ATUH073004 43				43,	000
		9. CC	OST ESTI	MATES	3		
		ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
PRIMARY FACILITI	ES						36,771
SITE PREP				SM	73,242	8	( 578 )
LIGHTING - TAXI	WAY & A	PRON		M	1,764	410	( 723 )
CONCRETE APRON				SM	73,242	375	( 27,470 )
FUEL HYDRANTS				EA	5	1,600	( 8,000 )
SUPPORTING FACIL	ITIES						774
SITE IMPROVEMEN	ITS			LS			( 44 )
SITE UTILITIES				м	800	913	( 731 )
SUBTOTAL							37,545
CONTINGENCY	(5.5%	)					2,065
TOTAL CONTRACT C	OST						39,610
SUPERVISION, INS	PECTION	AND OVERHEAD	(7.7%)				3,050
TOTAL REQUEST							42,660
TOTAL REQUEST (R	OUNDED)						43,000

10. Description of Proposed Construction: Construct a medium load concrete parking apron capable of parking wide body aircraft. Apron construction will include fuel hydrants for refueling aircraft, all required lighting, and pavement markings.

11. Requirement: 73242 SM Adequate: 0 SM Substandard: 73242 SM

PROJECT: Strategic Ramp

REQUIREMENT: Bagram Air Base requires a parking ramp to support Strategic Airlift missions for wide body aircraft. This parking ramp should include a hydrant system for refueling of aircraft to maximize mission efficiency and greatly decrease ground time for aircraft.

CURRENT SITUATION: Currently, Bagram Air Base does not have the capacity to support wide body strategic airlift of cargo due to the lack of ramp space. Cargo destined for the OEF Forward Operating Bases (FOB)s must be transloaded at Manas, Kyrgystan for forward movement to Bagram. The cargo is then transloaded again for further movement to the FOBs. Eliminating the transload of cargo at Manas will speed the delivery of cargo to the customer. The benefits of direct delivery to Bagram are reduced customer wait times for supplies, eliminate transload at Manas, fewer intertheater aircraft needed to deliver straight to Bagram versus intratheater aircraft needed to shuttle between Manas and Bagram. In order to accomplish this mission, Bagram needs the capability to park five wide body aircraft. Currently, they can support one but even that blocks the taxiway which then results in other aircraft having to back taxi on the active runway in order to use the full length of the runway. This ultimately delays critical sorties such as the Close Air Support missions providing air cover for the soldiers on the battlefield. The back taxi and turning on the runway also significantly reduces the pavement life of the new runway. The refueling operation must be accomplished using R-11 trucks which causes a significant turn around time for each strat airlift mission. Hydrant refueling

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Previous editions are obsolete.

1. COMPONENT		FY 2008 MILITARY CONSTRUCTION PROJECT DATA 2				
AIR FORCE		(comp	uter ge	nerated)		Sep 2007
3. INSTALLATIO BAGRAM AB, AF	ON AND L	LOCATION		4. PROJECT T STRATEGIC RA	ITLE	
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CC	ST (\$000)
27596		113-321	AT	CUH073004	43,0	000

capability will increase the flow of airlift thru Bagram.

IMPACT IF NOT PROVIDED: Without this strategic ramp and hydrant system, Bagram AB will only be able to support direct delivery of cargo. Cargo will continue to be sent to Manas and transloaded for shuttling to Bagram. This increases the wait time for these critical supplies to the warfighters at the Forward Operating Bases in Afghanistan.

JOINT USE CERTIFICATION: This facility will be designed and built for joint use operations.

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Previous editions are obsolete.

AND ADDATION         PROJECT TITLE           ARGEAN AB, AFGRANISTAN         STRATEGIC RAMP           5. PROGRAM ELEMENT         6. CATEGORY CODE         7. PROJECT NUMBER         8. PROJECT COST (\$000           27596         113-321         ATUH073004         43,000           12. SUPPLEMENTAL DATA:         a. Estimated Design Data:         113-321         ATUH073004         43,000           13. Status:         (a) Date Design Started         15-0CT-07         (b) Parametric Cost Estimates used to develop costs         YES           * (c) Percent Complete as of 01 JN 2008         25%         (c) Percent Complete         1-FEB-08           (f) Energy Study/Life-Cycle analysis was/will be performed         NO         1-FEB-08           (f) Energy Study/Life-Cycle analysis was/will be performed         NO           (g) Date Design Was Most Recently Used -         (g) ODOI         (a) Troduction of Plans and Specifications         4,246           (b) All Other Design Costs         0         (c) Total         4,246           (b) All Other Design Costs         0         (d) Construction Contract Award         08 MAR           (5) Construction Completion         0 S MAR         09 NOV         * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.           <	AIR FORCE		(Comput	er generaced)			Dep 2007
S. PROGRAM ELEMENT       6. CATEGORY CODE       7. PROJECT NUMBER       8. PROJECT COST (\$000         27596       113-321       ATUH073004       43,000         12. SUPPLEMENTAL DATA:       a. Estimated Design Data:       113-321       ATUH073004       43,000         12. SUPPLEMENTAL DATA:       a. Estimated Design Data:       115-0CT-07       (b) Farametric Cost Estimates used to develop costs       YES         (a) Date Design Started       1-FEB-08       1-FEB-08       1-FEB-08         (b) Date 03% Designed       1-FEB-08       10 Date 03% Designed       100         (c) Date 03% Designed       1-FEB-08       NO       NO         (d) Date 03% Designed       1-FEB-08       NO       NO         (f) Energy Study/Life-Cycle analysis was/will be performed       NO         (2) Basis:       (a) Standard or Definitive Design -       NO         (a) Total Cost (c) = (a) + (b) or (d) + (e):       (\$000)       (\$000)         (a) Total Cost (c) = (a) + (b) or (d) + (e):       (\$000)       (a) Contract       0         (d) Contract       0       0       (b) All Other Design Costs       0         (d) Contract       0       0       0       NO         (f) Construction Cottract Award       08 APR       (6) Construction Completion       05 MAR	BAGRAM AR. AF	CHANTSTAN	TION	4. PRO	GIC R	AMP	
5. PROBAM ELEMENT       6. CATAGORT CODE // PROBACT NORMER 6. PRODUCT COST (JOCC 27596         113-321       ATUH073004       43,000         12. SUPPLEMENTAL DATA:       a. Estimated Design Data:       15-OCT-07         (1) Status:       (a) Date Design Started       15-OCT-07         (b) Parametric Cost Estimates used to develop costs       YES         * (c) Percent Complete as of 01 JAN 2008       25%         * (d) Date Design Complete       1-FEB-08         (f) Energy Study/Life-Cycle analysis was/will be performed       NO         (2) Basis:       (a) Standard or Definitive Design -       NO         (a) Total Cost (c) = (a) + (b) or (d) + (e):       (\$000)       (a) Production of Plana and Specifications       4.246         (d) Contract       0       (b) ALI Other Design Costs       0       0         (d) Contract       0       (b) In-house       0       0         (f) Construction Contract Award       06 MAR       05 Construction Completion       09 NOV         * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.         b. Equipment associated with this project provided from other appropriations: N/A       N/A			CARROODY CODE	7 DDO TROT NU	WD ED	9 DROTECT	
27596     113-321     ATUR073004     43,000       12. SUPPLEMENTAL DATA:     a. Estimated Design Data:     13       (1) Status:     (a) Date Design Started     15-0CT-07       (b) Parametric Cost Estimates used to develop costs     YES       * (c) Percent Complete as of 01 JAN 2008     25%       * (d) Date 35% Designed     1-FEB-08       (e) Date Design Complete     1-FEB-08       (f) Energy Study/Life-Cycle analysis was/will be performed     NO       (2) Basis:     (a) Standard or Definitive Design -     NO       (b) Mhere Design Was Most Recently Used -     (5) Total Cost (c) = (a) + (b) or (d) + (e):     (\$000)       (a) Production of Plana and Specifications     4.246       (d) Contract     0     (c) Total     4.246       (d) Construction Contract Award     08 MAR     0       (5) Construction Completion     09 NOV       * Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.       b. Equipment associated with this project provided from other appropriations: N/A	5. PROGRAM EL	EMENT 0	. CATEGORI CODE	7. PROJECI NOP	ADER	o. FRODECI C	
<ul> <li>12. SUPPLEMENTAL DATA:</li> <li>a. Estimated Design Data: <ul> <li>(1) Status:</li> <li>(a) Date Design Started</li> <li>(b) Parametric Cost Estimates used to develop costs</li> <li>(c) Percent Complete as of 01 JAN 2008</li> <li>(d) Date 35% Designed</li> <li>1-FEB-08</li> <li>(e) Date Design Complete</li> <li>(f) Energy Study/Life-Cycle analysis was/will be performed</li> <li>NO</li> <li>(c) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e):</li> <li>(5000)</li> <li>(a) Production of Plana and Specifications</li> <li>(d) Contract</li> <li>(e) In-house</li> <li>(f) Construction Contract Award</li> <li>(f) Construction Completion</li> <li>(g) NOV</li> </ul> </li> <li>Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li> </ul>	27596		113-321	AT0H073004	+	4.	5,000
<ul> <li>a. Estimated Design Data:</li> <li>(1) Status: <ul> <li>(a) Date Design Started</li> <li>(b) Parametric Cost Estimates used to develop costs</li> <li>(c) Percent Complete as of 01 JAN 2008</li> <li>(d) Date 35% Designed</li> <li>(e) Date Design Complete</li> <li>(f) Emergy Study/Life-Cycle analysis was/will be performed</li> <li>NO</li> </ul> </li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Whare Design Was Most Recently Used -</li> </ul> </li> <li>(c) Total Cost (c) = (a) + (b) or (d) + (e):</li> <li>(f) Contact</li> <li>(g) Contract</li> <li>(g) Contract</li> <li>(g) Construction Contract Award</li> <li>(g) AAPR</li> <li>(g) Construction of Project Definition with Parametric Cost Estimate which is completion of Project provided from other appropriations: N/A</li> </ul>	12. SUPPLEMEN	TAL DATA:					
<ul> <li>(a) Date Design Started 15-OCT-07</li> <li>(b) Parametric Cost Estimates used to develop costs YES</li> <li>(c) Percent Complete as of 01 JAN 2008 25%</li> <li>(d) Date 35% Designed 1-FEB-08</li> <li>(e) Date Design Complete 1-FEB-08</li> <li>(f) Energy Study/Life-Cycle analysis was/will be performed NO</li> <li>(2) Easis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</li> <li>(a) Production of Plans and Specifications 4,246</li> <li>(b) All Other Design Costs 0</li> <li>(c) Total (c) = (a) + (b) or (d) + (e): (\$000)</li> <li>(a) Production of Plans and Specifications 4,246</li> <li>(d) Contract 0</li> <li>(e) In-house 0</li> </ul> <li>(f) Construction Contract Award 08 MAR</li> <li>(f) Construction Completion 09 NOV</li> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li>	a. Estimate	d Design Da	ita:				
<ul> <li>(a) Date Design Statted 15-001-07</li> <li>(b) Parametric Cost Estimates used to develop costs 7ES</li> <li>(c) Percent Complete as of 01 JAN 2008 25%</li> <li>(d) Date 35% Designed 1-FEB-08</li> <li>(e) Date Design Complete 1-FEB-08</li> <li>(f) Energy Study/Life-Cycle analysis was/will be performed NO</li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> </ul> </li> <li>(c) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</li> <li>(a) Production of Plans and Specifications 4,246</li> <li>(b) All Other Design Costs 0</li> <li>(c) Total 4,246</li> <li>(d) Contract 0</li> <li>(e) In-house 0</li> </ul> <li>(f) Construction Completion 09 NOV</li> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li>	(1) Statu	s:					F 0.07
<ul> <li>(b) Farametric Complete as of 01 JAN 2008 25%</li> <li>(c) Percent Complete as of 01 JAN 2008 1-FEB-08</li> <li>(e) Date Design Complete 1-FEB-08</li> <li>(f) Energy Study/Life-Cycle analysis was/will be performed NO</li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> </ul> </li> <li>(c) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</li> <li>(a) Production of Plans and Specifications 4.246</li> <li>(b) All Other Design Costs 0</li> <li>(c) Total (Contract ) 0</li> <li>(e) In-house 0</li> </ul> <li>(f) Construction Contract Award 08 MAR</li> <li>(f) Construction Completion 09 NOV</li> <li>Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li>	(a) Da	te Design S	started	d to develop a	osta		VFC
<ul> <li>(a) Date 35% Designed 1-FER-08</li> <li>(b) Date Design Complete 1-FER-08</li> <li>(c) Date 35% Designed No</li> <li>(d) Exercy Study/Life-Cycle analysis was/will be performed NO</li> <li>(e) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</li> <li>(a) Production of Plans and Specifications 4,246</li> <li>(b) All Other Design Costs 0</li> <li>(c) Total 4,245</li> <li>(d) Contract 0</li> <li>(e) In-house 0</li> </ul> <li>(f) Construction Contract Award 08 MAR</li> <li>(g) Construction Completion 99 NOV</li> <li>Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>(b) Equipment associated with this project provided from other appropriations: N/A</li>	(D) Pa	rcent Compl	ete as of 01 JAN	1 2008	OBLB		25%
<ul> <li>(a) Date Design Complete 1-FEB-08</li> <li>(f) Energy Study/Life-Cycle analysis was/will be performed NO</li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</li> <li>(a) Production of Plans and Specifications 4,246</li> <li>(b) All Other Design Costs 0</li> <li>(c) Total 4,246</li> <li>(d) Contract 0</li> <li>(e) In-house 0</li> </ul> <li>(4) Construction Contract Award 08 MAR</li> <li>(5) Construction Start 08 APR</li> <li>(6) Construction of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li>	* (d) Da	te 35% Desi	oned	2000			1-FEB-08
<ul> <li>(f) Energy Study/Life-Cycle analysis was/will be performed NO</li> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) <ul> <li>(a) Production of Plans and Specifications 4,246</li> <li>(b) All Other Design Costs 0</li> <li>(c) Total (c) = (a) + (b) or (d) + (e): (b) (a) Production of Plans and Specifications 4,246</li> <li>(d) Contract 4,246</li> <li>(e) Total (c) = (a) + (b) or (d) + (e): (b) (a) Production of Plans and Specifications 0</li> <li>(f) Total Cost (c) = (a) + (b) or (d) + (e): (c) (c) (c) (c) (c) (c) (c) (c) (c) (c)</li></ul></li></ul>	(e) Da	te Design C	Complete				1-FEB-08
<ul> <li>(2) Basis: <ul> <li>(a) Standard or Definitive Design -</li> <li>(b) Where Design Was Most Recently Used -</li> </ul> </li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(\$000)</li> <li>(a) Production of Plans and Specifications</li> <li>(b) All Other Design Costs</li> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> <li>(f) Construction Contract Award</li> <li>(f) Construction Start</li> <li>(g) AMR</li> </ul> </li> <li>(5) Construction Completion</li> <li>(g) NOV</li> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(f) En	ergy Study/	Life-Cycle analy	vsis was/will b	e per	formed	NO
<ul> <li>(a) Standard or Definitive Design - NO</li> <li>(b) Where Design Was Most Recently Used -</li> <li>(c) Total Cost (c) = (a) + (b) or (d) + (e): (\$000)</li> <li>(a) Production of Plans and Specifications 4,246</li> <li>(b) All Other Design Costs 0</li> <li>(c) Total 4,246</li> <li>(d) Contract 0</li> <li>(e) In-house 0</li> <li>(f) Construction Contract Award 08 MAR</li> <li>(f) Construction Start 08 APR</li> <li>(f) Construction Completion 09 NOV</li> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(2) Basis						
<ul> <li>(b) Where Design Was Most Recently Used -</li> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): <ul> <li>(a) Production of Plans and Specifications</li> <li>4,246</li> <li>(b) All Other Design Costs</li> <li>0</li> </ul> </li> <li>(c) Total <ul> <li>(d) Contract</li> <li>(e) In-house</li> </ul> </li> <li>(4) Construction Contract Award</li> <li>(6) Construction Completion</li> <li>(7) NOV</li> </ul> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li>	(a) St	andard or D	efinitive Design	1 -			NO
<ul> <li>(3) Total Cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications 4,246 (b) All Other Design Costs 0 (c) Total 4,246 (d) Contract 0 (e) In-house 0</li> <li>(4) Construction Contract Award 08 MAR</li> <li>(5) Construction Start 08 APR</li> <li>(6) Construction Completion 09 NOV</li> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(b) Wh	ere Design	Was Most Recent	y Used -			
<ul> <li>(a) Production of Plans and Specifications</li> <li>(b) All Other Design Costs</li> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> <li>(f) Construction Contract Award</li> <li>(f) Construction Start</li> <li>(g) RAR</li> <li>(g) Construction Completion</li> <li>(g) NOV</li> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(3) Total	Cost (c) =	(a) + (b) or (c)	(e)			(\$000)
<ul> <li>(b) All Other Design Costs</li> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> <li>(e) In-house</li> <li>(f) Construction Contract Award</li> <li>(f) Construction Start</li> <li>(f) Construction Completion</li> <li>(g) NOV</li> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(3) IOCAI	oduction of	Plans and Speci	fications			4,246
<ul> <li>(c) Total</li> <li>(d) Contract</li> <li>(e) In-house</li> <li>(f) Construction Contract Award</li> <li>(f) Construction Start</li> <li>(f) Construction Completion</li> <li>(f) Construction Completion</li> <li>(g) NOV</li> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(b) Al	1 Other Des	ign Costs				0
<ul> <li>(d) Contract</li> <li>(e) In-house</li> <li>(e) In-house</li> <li>(f) Construction Contract Award</li> <li>(f) Construction Start</li> <li>(f) Construction Completion</li> <li>(f) Construction Completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>(f) Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(c) To	tal					4,246
<ul> <li>(e) In-house</li> <li>(1) Construction Contract Award</li> <li>(3) MAR</li> <li>(5) Construction Start</li> <li>(6) Construction Completion</li> <li>(7) NOV</li> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(d) Co	ntract					0
<ul> <li>(4) Construction Contract Award</li> <li>(5) Construction Start</li> <li>(6) Construction Completion</li> <li>(7) NOV</li> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(e) In	-house					0
<ul> <li>(5) Construction Start 08 APR</li> <li>(6) Construction Completion 0 Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(4) Const	ruction Con	tract Award				08 MAR
<ul> <li>(6) Construction Completion 09 NOV</li> <li>Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(5) Const	ruction Sta	rt				08 APR
<ul> <li>* Indicates completion of Project Definition with Parametric Cost Estimate which is comparable to traditional 35% design to ensure valid scope, cost and executability.</li> <li>b. Equipment associated with this project provided from other appropriations: N/A</li> </ul>	(6) Const	ruction Com	pletion				09 NOV
b. Equipment associated with this project provided from other appropriations: N/A	* Indicat which i cost an	es completi s comparabl d executabi	on of Project De e to traditional lity.	finition with 35% design to	Param ensu	etric Cost E re valid sco	stimate pe,
	b. Equipmen N/A	t associate	d with this proj	ect provided f	rom o	ther appropr	iations:
FORM 1391, DEC 99 Previous editions are obsolete. Page No.	FORM 1391, D	EC 99	Previous edi	tions are obso	lete		Page No.

1. COMPONENT		FY 2008 MILITARY	CONSTR	UCTIC	ON PROJEC	T DATA	2. DATE
AIR FORCE		(comp	uter ge	nerat	ed)		Sep 2007
3. INSTALLATIO	ON AND I	OCATION		4. P	ROJECT TI	TLE	
KANDAHAR AB,	AFGHANIS	STAN		ISR	RAMP		
5. PROGRAM ELI	EMENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT	COST (\$000)
27596		113-321	LY	AV07	3001	26	,300
		9. COS	T ESTI	MATES	3		
						UNIT	COST
		ITEM		U/M	QUANTITY	COST	(\$000)
PRIMARY FACILITI	ES						19,953
CONCRETE APRON				SM	39,108	242	( 9,464 )
CONCRETE TAXIW	AY			SM	10,200	252	( 2,570 )
ASPHALT SHOULD	ERS			SM	34,196	36	( 1,231 )
SHELTERS				EA	13	504,207	( 6,555 )
SECURITY FENCE				LM	846	157	( 133 )
SUPPORTING FACIL	ITIES						3,138
SITE PREPARATIO	ON			LS			( 359 )
DEMOLITION				LS			( 363 )
EDGE LIGHTING				LS			( 177 )
AREA LIGHTING				LS			( 394 )
PERIMETER ROAD				LS			( 275 )
MOBILIZATION AN	ND DEMOB	LIZATION		LS			( 1,570 )
SUBTOTAL							23,091
CONTINGENCY	(5.5%	)					1,270
TOTAL CONTRACT C	COST						24,361
SUPERVISION, INS	PECTION	AND OVERHEAD	(7.7%)				1,876
TOTAL REQUEST							26,237
TOTAL REQUEST (F	ROUNDED)						26,300
10. Description apron sized to Reconnaissance area lighting,	on of P park to aircra shelte	roposed Construction wenty six (26) gene ft. Apron construct rs, pavement marking	on: Cor eric Int ction wings, and	nstru celli ill i d sec	ct a medi gence, Su nclude al urity fen	um load conc rveillance a l required e ce.	rete parking nd dge lighting,
11. Requirement	t: 60562	2 SM Adequate: 0	O SM	Subs	tandard:	0 SM	
PROJECT: ISR	Ramp						
REQUIREMENT:	A parkin	ng ramp for Intell:	igence,	Surv	eillance	and Reconnai	ssance (ISR)
aircraft to con	nduct m:	issions over the ba	attlefie	ald o	f Afghani	stan. These	aircraft
conditions of	ed park:	ing areas to shelte	er them	from	the hars	h environmen	tal
aircraft must ]	be condu	icted in an enclose	ance and ed envir	conme	nt.	aration acti	vities on the
CURRENT SITUAT	ION: Th	ne airfield at Kano	lahar ha	s no	ramp spa	ce available	to park
additional ISR	aircrat	t. The current m	issions	at K	andahar c	onsume the e	ntire
airfield with n	no abili	ity to consolidate	to meet	the	requirem	ents of this	mission.
Current operat:	ions rec	uire that these as	Ircraft	have	a 1250 f	oot quantity	distance
(QD) standoff :	From uni	celated facilities.	. This	stand	doff is n	ot achievabl	e on the
positioned on i	the nort	h side of the base	ace rec	reag	ing the c	urrent TCP	De ission at
Kandahar requir	res a ra	amp sized to accomm	nodate a	ll a	ssets.	LECTIC IDA III.	abbion at
IMPACT IF NOT 1	PROVIDEI	: A portion of th	ne addit	iona	l aircraf	t will be ac	commodated

Previous editions are obsolete.

1. COMPONENT	FY 2008 MILITARY	FY 2008 MILITARY CONSTRUCTION PROJECT DATA 2. DA						
AIR FORCE	(comp	(computer generated) Sep 2007						
3. INSTALLATIO	ON AND LOCATION	4. PROJECT T	ITLE					
KANDAHAR AB,	AFGHANISTAN	ISR RAMP	ISR RAMP					
5. PROGRAM EL	EMENT 6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)					
27596	113-321	LYAV073001	26,300					

with a temporary asphalt ramp that will deteriorate in the harsh environment. Continued maintenance of this asphalt ramp and FOD produced with wear on this ramp will cause additional challenges in this harsh environment. Basing of all required ISR aircraft will not be available at Kandahar. The mission will continue to fly out of Kandahar with a smaller number of aircraft than required. The additional ISR mission can not be supported at Kandahar due to ramp space limitations. A smaller number of ISR aircraft will result in less support of ground forces on the battlefield. Soldiers and Airmen working at Kandahar would be put at risk because there is no parking area available that would achieve the stand off distance required. Building this ramp saves lives on the battlefield and reduces risk to personnel working at Kandahar.

JOINT USE CERTIFICATION: This facility will be designed and built for joint use operations.

Previous editions are obsolete.

IR FORCE		(comput	er gene	rated)		Sep 2007
. INSTALLATI	ON AND LOCAT	ION		4. PROJECT	TITLE	
CANDAHAR AB,	AFGHANISTAN			ISR RAMP		
5. PROGRAM EL	EMENT 6.	CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJECT C	OST (\$000)
27596		113-321	LYA	V073001	26	,300
12. SUPPLEMEN a. Estimate (1) Statu (a) Da (b) Pa * (c) Pe * (d) Da (e) Da (f) En (2) Basis (a) St (b) Wh	TAL DATA: d Design Dat s: te Design St rametric Cos rcent Comple te 35% Desig te Design Co tergy Study/L : andard or De tere Design W	a: arted t Estimates use te as of 01 JAM ned mplete ife-Cycle analy finitive Design as Most Recent]	ed to de N 2008 ysis was n - ly Used	velop costs /will be per -	l	5-OCT-07 YES 25% 1-FEB-08 1-FEB-08 NO
<ul> <li>(3) Total</li> <li>(a) Pr</li> <li>(b) Al</li> <li>(c) To</li> <li>(d) Co</li> <li>(e) In</li> </ul>	Cost (c) = roduction of l Other Desi tal ntract -house	(a) + (b) or (d Plans and Speci gn Costs	l) + (e) ificatio	: ns		(\$000) 2,597 0 2,597 0 0
(4) Const	ruction Cont:	ract Award				08 MAR
(5) Const	ruction Star	t				08 APR
* Indicat which i cost an	es completio s comparable d executabil	n of Project De to traditional ity.	efinitio L 35% de	n with Paran sign to ensu	metric Cost E ure valid scop	stimate
b. Equipmen N/A	t associated	with this proj	ject pro	vided from a	other appropr:	iations:
EODN 1201	PC 99	Provious odi	itions a	re obsolete		Dago No

1. COMPONENT		2. DATE Sep 2007					
AIR FORCE		OCD TTON	putter ge		DO TROT TI		
3. INSTALLATIO	ON AND I	JOCATION		4. P	RODECI II	.155	
BALAD AB, IRA	Q			FIGH	TER RAMP		
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT C	OST (\$000)
27596		113-321	B	AAS08	3100	11,	000
		9. CO	ST ESTI	MATES	3		
		ITEM		U/M	QUANTITY	UNIT	COST (\$000)
APRON				SM	31,000	270	8,358 ( 8,358 )
SUPPORTING FACIL	LITIES						1,284
LIGHTING (EDGE	& RAMP)			LS			( 641 )
GROUNDING & TI	E-DOWNS			LS			( 96 )
SITE IMPROVEME	NTS			SM	31,000	13	( 401 )
SIGNAGE & STRI	PING			SM	420	31	( 13 )
REVETMENTS				EA	14	9,500	( 133 )
SUBTOTAL							9,642
CONTINGENCY	(5.5%	)					530
TOTAL CONTRACT (	COST						10,173
SUPERVISION, INS	SPECTION	AND OVERHEAD	(7.7%)				783
TOTAL REQUEST							10,956
TOTAL REQUEST (I	ROUNDED)						11,000

10. Description of Proposed Construction: Construct fighter ramp in South Bravo Hardened Aircraft Shelter (HAS) Area. New pavement consists of 31,000 SM of concrete pavement designed for use by fighters. This project also includes striping, airfield lighting, and grounding/tie-down points. Revetments will be installed to reduce risk of sympathetic detonation.

11. Requirement: Adequate: Substandard:

PROJECT: Fighter Ramp

REQUIREMENT: Construct 31,000 SM of concrete pavement in the South Bravo HAS area at Balad AB, Iraq for fighter aircraft parking. Pavement design should be adequate to support fighter aircraft operations at Balad AB.

CURRENT SITUATION: Recently a third fighter squadron was assigned to the installation. Currently there is only enough space to park the assigned fighter by putting two aircraft in each HAS at Balad AB. Approximately five times a year an increased amount of aircraft are present during turnover. These aircraft are either parked three to a shelter or unprotected during these periods. Additionally, transient or divert fighters typically park on the hot cargo pad, delaying other missions needing that airfield pavement.

IMPACT IF NOT PROVIDED: The Balad mission has grown considerably with over 240 aircraft assigned plus considerable transient missions. During turnover the additional fighter aircraft are either placed three to a shelter or parked outside on the existing taxiways and ramps. Without this fighter ramp to handle overflow transient, divert, and turnover requirements, aircraft will continue to be parked on taxiways and fingers leading to airfield safety issues and will continue to have an adverse impact on the wing's ability to generate comabat sorties. Parking the fighter aircraft on existing taxiways will increase the vulnerability of these aircraft to damage or loss from an idirect fire attack.

DD FORM 1391, DEC 99

Previous editions are obsolete.

1. COMPONENT	FY 2008 MILITARY	DATA 2. DATE					
AIR FORCE	(comp	(computer generated) Sep 2007					
3. INSTALLATION AND LOCATION 4. PROJECT TITLE							
BALAD AB, IRAG	2	FIGHTER RAMP					
5. PROGRAM ELI	EMENT 6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)				
27596	113-321	BAAS083100	11,000				

ADDITIONAL: This project is consistent with the installation master plan.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements to support the Global War on Terrorism.

DD FORM 1391, DEC 99

Previous editions are obsolete.

AIR FORCE	(comput	er generated)	Sep 2007
3. INSTALLATION	AND LOCATION	4. PROJECT	TITLE
BALAD AB, IRAQ		FIGHTER RAM	P
5. PROGRAM ELEM	ENT 6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000
27596	113-321	BAAS083100	11,000
12. SUPPLEMENTA	L DATA:		
a. Estimated	Design Data:		
(1) Status:	-		
(a) Date	Design Started		10-OCT-07
(b) Para	metric Cost Estimates use	ed to develop costs	YES
* (c) Perc	ent Complete as of 01 JAN	1 2008	95%
* (d) Date	35% Designed		14-NOV-07
(e) Date	Design Complete		25-JAN-08
(f) Ener	gy Study/Life-Cycle analy	ysis was/will be per	rformed NO
(0)			
(2) Basis:	dand on Definition Design		NO
(b) Where	e Design Was Most Recent:	ly Used -	Ю
(2) Watal G	$(a) = (a) \cdot (b) \cdot (b)$		(\$000)
(3) IOCAL CO	OSC (C) = (a) + (b) OF (C)	ifications	1 086
(b) All	Other Design Costs	liicacions	1,000
(c) Tota	1		1,086
(d) Cont:	ract		0
(e) In-h	ouse		0
(4) Construc	ction Contract Award		08 APR
(5) Construc	ction Start		08 APR
(6) Construc	ction Completion		08 NOV
* Indicates which is a cost and a	completion of Project De comparable to traditional executability.	finition with Paran 1 35% design to ensu	netric Cost Estimate 1re valid scope,
b. Equipment a N/A	associated with this proj	ject provided from a	other appropriations:
FORM 1391, DEC	99 Previous edi	itions are obsolete.	Page No.

1 COMPONENT		2009 MTLTTAR	CONGTR	TICTT	N PROTEC	ד האדא	2 DATE
AIR FORCE (computer generated) Sep 2007							Sep 2007
2 INCTALLATI		OCATION	acer ge	4 0	POTECT TI	TT. P	Dep 1007
DALAD AD TDA	ON AND I	JOCATION		T. F	DOT TAVIN		
BALAD AB, IRA	2			FUXT	ROT TAXIN		
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	DECL	NUMBER	8. PROJECT	2051 (\$000)
27596		112-211	BA	AS08	3070	12	,700
		9. COS	T ESTI	MATES	5		
						UNIT	COST
		ITEM		0/M	QUANTITY	COST	(\$000)
TAXIWAY							9,552
TAXIWAY				SM	31,740	270	( 8,570 )
SHOULDERS				SM	25,500	39	( 982 )
SUPPORTING FACIN	LITIES						1,618
SITE IMPROVEME	NTS			SM	31,740	22	( 688 )
EDGE LIGHTING				LS			( 880 )
SIGNAGE & STRI	PING			LS			( 50)
SUBTOTAL							11,170
CONTINGENCY	(5.5%	)					614
TOTAL CONTRACT (	COST						11,784
SUPERVISION, INS	SPECTION	AND OVERHEAD	(7.7%)				907
TOTAL REQUEST							12,691
TOTAL REQUEST (1	ROUNDED)						12,700
pavement desig airfield edge 11. Requiremen PROJECT: Foxt REQUIREMENT: 14/32 connect be adequate t AB. CURRENT SITUAT cross over to IMPACT IF NOT aircraft assi taxiway conne will continue slowing down	ned for lighting t: rot Tax Construc- ing Tax o suppo: TION: A the other gned plu- cting the to tax the flow	medium load use. g. Adequate: Sub iway ct 31,740 SM of con iway Golf and Foxtr ct the mix of trans ircraft are require her side of the bas D: The Balad missi as considerable transit he south end of the i an additional % m w of aircraft out co	This pro- postandar acrete pro- cot at Pro- sport ar aport ar ad to ta se when ton has ansient a two ru nile to of this	cojec cd: Balad hd fi grow miss unway reac crit	ent betwe AB, Iraq ghter air t least a he south n conside ions. Th s. Witho h the oth ical comb	en runways 1 . Pavement craft operat n extra half side of the rably with o his project p out this proj er runway, c at airfield.	2/30 and design should ing at Balad mile to runway. ver 240 rovides a ect, aircraft onsiderablly
ADDITIONAL: T	his pro	ject is consistent	with th	ne in	stallatio	n master pla	n.
JOINT USE CERT available" ba	IFICATIO	ON: This facility wever, the scope of	can be the pr	used cojec	by other t is base	components d on Air For	on an "as ce
	- Sappo	one grobar war o	Tell(	T T SIU			

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1. COMPONENT		FY 2008 MILITARY C	CONSTRUC	TION PROJECT	DATA	2. DATE Sep 2007
AIR FORCE		(comput	er gene	Lacca,		
3. INSTALLATI	ON AND I	OCATION		4. PROJECT	TITLE	
BALAD AB, IRA	.Q			FOXTROT TAX	IWAY	
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT	COST (\$000)
27596		112-211	BA	AS083070	1:	2,700
					I	
12. SUPPLEMEN	TAL DATA	A :				
a. Estimate	ed Design	n Data:				
(1) Statu	15:					
(a) Da	ate Desig	gn Started	ad to de	welon costs		VES
(D) Pa	arametric	omplete as of 01 JAN	J 2008	verop coscs		95%
* (d) Da	ate 35% 1	Designed				L4-NOV-07
(e) Da	ate Desig	gn Complete			:	25-JAN-08
(f) Er	nergy St	udy/Life-Cycle analy	ysis was	/will be per	formed	NO
(2) Bagis						
(2) Basis (a) St	andard	or Definitive Design	n -			NO
(b) Wh	nere Des	ign Was Most Recent	Ly Used	-		
	Cost (	(a) = (a) + (b) = (a)	a) + (c)			(\$000)
(3) 10tal (a) Pi	coduction	c) = (a) + (b) or (c) n of Plans and Spect	ificatio	ons		1,254
(b) Al	ll Other	Design Costs				0
(c) To	otal					1,254
(d) Co	ontract					0
(e) II	1-house					0
(4) Const	ruction	Contract Award				08 APR
(5) Const	ruction	Start				08 APR
(6) Const	ruction	Completion				08 DEC
* Indicat which i cost ar	tes compa is compa id execut	letion of Project De rable to traditional tability.	efinitic L 35% de	on with Param sign to ensu	metric Cost B are valid sco	stimate ope,
b. Equipmer N/A	nt assoc	iated with this pro	ject pro	ovided from a	ther appropr	iations:
D FORM 1391. 1	DEC 99	Previous ed:	itions a	are obsolete		Page No

1. COMPONENT		FY 2008 MILITARY	CONSTR	UCTIC	ON PROJEC	T DATA	2. DATE
AIR FORCE		(comp	uter ge	nerat	ed)		Sep 2007
3. INSTALLATIO	N AND L	OCATION		4. P	ROJECT TI	TLE	
BALAD AB, IRAQ					COPTER MA LITIES	INTENANCE	
5. PROGRAM ELE	EMENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT C	OST (\$000)
27596		113-321	BZ	AS08	3010	34,	600
		9. COS	T ESTI	MATES	5		
		ITEM		U/M	QUANTITY	UNIT	COST (\$000)
APRON							24,440
CONSTRUCT APRON	& TAXIW	AY		SM	33,900	295	( 10,001 )
REPAIR APRON				SM	3,366	254	( 855 )
TEMPORARY HANG	ARS			SM	13,500	967	( 13,058 )
TEMPORARY OFFIC	CES			EA	10	52,700	( 527 )
SUPPORTING FACIL	ITIES						5,984
FIRE SUPPRESSIO	0N			SM	13,500	33	( 448 )
HVAC				SM	13,500	132	( 1,785 )
SITE IMPROVEMEN	ITS			SM	35,000	33	( 1,152 )
DEMOLITION				LS			( 681 )
UTILITIES (POWE	R & LIGH	TING)		LS			( 1,756 )
AIRFIELD MARKIN	IG AND GR	OUNDING POINTS		LS			( 162 )
SUBTOTAL							30,424
CONTINGENCY	(5.5%)						1,673
TOTAL CONTRACT C	OST					-	32,097
SUPERVISION. INS	PECTION	AND OVERHEAD	(7.7%)				2.471
TOTAL REQUEST			(			-	34,568
TOTAL REQUEST (R							34,500
IOIAD REQUEST (R	CONDED)			1			34,600
10. Descriptio	on of Pr	oposed Constructio	on: Con	nstru	ct 33,900	SM concrete	apron,
workshops and o	office s	pace. Repair airci	and ut	rking	apron fo	r rotary wing mai	
11 Requirement		Adequate: Sub	atanda:	rd.	apron 10	i rocary wing	455.
DROTECT		nuequate. Sur		Lu.			
PROJECT: HEIIG	Copter M	aintenance Facilit	LIES				
helicopter main	tenance	shops This inclu	apron an	na er	ect comme	rcial shelter	s to nouse
new taxiway for	helico	pter airlift opera	ations	(Catf	ish Air)	ground taxiin	g. Construct
5 aircraft shel	ters to	replace 10 contin	gency :	Eabri	c shelter	s. Provide 10	temporary
office trailers	to pro	vide for workshops	and of	fice	space cu	rrently in th	e contingent
fabric shelters	. Provi	de dual-frequency	power f	to ner	wly const	ructed shelte	rs and
office trailers	3.						
CURRENT SITUATI	ION: Cu	rrent Catfish Air	traffic	flo	w ranges	from 60-80 ai	rcraft a
day. These airc	the les	ually stop on the	paralle	el ta:	xiway and	may be idle	for up to 45
be loading/unlo	ading a	t a time These of	proces	as. B	ecause as	many as 6-8	Alpha
parallel taxiwa	y to ai	rcraft taxiing ope	ration	s. Th	e airfiel	d grade pavem	ent on A-
Ramp is current	ly bein	g used for staging	mainte	enance	e shops i	nstead of par	king
aircraft. This	present	s difficulties dur	ing the	Arm	y's Relei	f in Place an	d Transfer
of Authority (F	RIP TOA)	and is a signific	ant lin	niting	g factor	to any future	fixed wing

Previous editions are obsolete.

1. COMPONENT	TT FY 2008 MILITARY CONSTRUCTION PROJECT DATA 2. DATE									
AIR FORCE	(computer generated) Sep 2007									
3. INSTALLATION A BALAD AB, IRAQ	ND LOCATION	4. PROJE HELICOPT FACILITI	CT TITLE BR MAINTENANCE ES							
5. PROGRAM ELEMEN	T 6. CATEGORY CODE	7. PROJECT NUME	ER 8. PROJECT COST (\$000)							
27596		BAAS08301	34,600							
aircraft parking of	27596 113-321 BAAS083010 34,600									
have been used in	aircraft parking on A-ramp. The contingency fabris shelters are wind battered and									
space. The worksho	have been used in multiple campaigns. They must be replaced with temporary hangar									
pre-wired dual free	space. The workshops within must be replaced by modular office trailers. The existing									
power generation a	pre-wired dual frequency shelters and maintenance work spaces have placed the local									

IMPACT IF NOT PROVIDED: The Balad mission has grown considerably with over 240 aircraft assigned plus considerable transient missions. This project moves temporary facilities off an aircraft capable parking ramp freeing up additional parking. Without this project, overflow aircraft will continue to block the parallel taxiway effectively limiting the capability of this busy airfield.

ADDITIONAL: This project is consistent with the installation Master Plan. JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements to support the Global War on Terrorism.

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IR FORCE	(comput	er generated)		Sep 2007
. INSTALLATION AND ALAD AB, IRAQ	LOCATION	4. PROJECT HELICOPTER FACILITIES	TITLE MAINTENANCE	
. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT CO	ST (\$000)
27596	113-321	BAAS083010	34,	600
2. SUPPLEMENTAL DAT	FA:			
a. Estimated Desig	yn Data:			
(1) Status:				
(a) Date Desi	ign Started		10	-FEB-07
(b) Parametr:	ic Cost Estimates use	ed to develop costs		YES
* (c) Percent (	Complete as of 01 JAM	1 2008		95%
* (d) Date 35%	Designed		15	-NOV-07
(e) Date Des:	ign Complete		25	-JAN-08
(f) Energy St	tudy/Life-Cycle analy	ysis was/will be pe	riormed	NO
(2) Basis:				
(a) Standard	or Definitive Design	n -		NO
(b) Where Des	sign Was Most Recent	ly Used -		
				(2000)
(3) Total Cost	(c) = (a) + (b)  or  (c)	1) + (e):		(\$000)
(a) Production	n Design Costs	lications		3,001
(c) Total	beargn coaca			3,061
(d) Contract				0
(e) In-house				0
(4) Construction	Contract Award			08 APR
(5) Construction	a Start			08 APR
(6) Construction	Completion			09 APR
* Indicates comp which is compa cost and execu	pletion of Project De arable to traditional atability.	afinition with Para L 35% design to ens	metric Cost Es ure valid scop	timate e,
b. Equipment assoc N/A	ciated with this pro	ject provided from	other appropri	ations:

			2. DALL
enerat	ed)		Sep 2007
4. P	ROJECT TI	TLE	
FACI	LITY REPL	ACEMENTS	
OJECT	NUMBER	8. PROJECT C	OST (\$000)
1 113 07 3	0000	10	000
LUAU/3	5008A	40,	.000
IMATES	5	TINT	COST
<b>U/M</b>	QUANTITY	COST	(\$000)
			33,347
SM	4,200	2,105	( 8,841 )
LS			( 5,000 )
SM	1,500	2,125	( 3,188 )
SM	5,800	1,825	( 10,585 )
SM	625	2,140	( 1,338 )
SM	950	2,105	( 2,000 )
SM	450	2,050	( 923 )
SM	700	2,105	( 1,474 )
			2,501
LS	1		( 1,000 )
LS			( 667 )
LS			( 500 )
LS			( 334 )
			35,848
			1,792
		-	37,640
			2,447
			40,087
			40,000
eplace es and Const s and on and will ard: and e	expediti construc ruction o infrastru communic be reutil	onary operation t new semi-performed f replacement cture to include ations require ized to the mean ary facilitie	ional, ermanent as t facilities lude force rements (in maximum
	4. F FACI CJECT LUA073 MATE: V/M SM SM SM SM SM SM SM SM SM SM SM SM SM	4. PROJECT TI FACILITY REPL OJECT NUMBER LUA073008A TIMATES U/M QUANTITY SM 4,200 LS SM 1,500 SM 5,800 SM 5,800 SM 625 SM 950 SM 450 SM 450 SM 700 LS LS LS LS LS LS LS LS LS LS	4. PROJECT TITLE         FACILITY REPLACEMENTS         COJECT NUMBER       8. PROJECT C         LUA073008A       40,         TIMATES       UNIT         U/M       QUANTITY       COST         SM       4,200       2,105         LS

REQUIREMENT: An immediate requirement exists for the construction of adequate facilities to replace expeditionary and temporary buildings at Al Udeid Air Base. This project will replace those aging utilities and some facilities with new construction more appropriate to the long-term nature of the base and its missions.

CURRENT SITUATION: Facilities at Al Udeid still exist in a limited and temporary nature. Many facilities at Al Udeid Air Base (a strategic and tactical airlift, refueling and bomber operations, and ISR support hub), were constructed to

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Previous editions are obsolete.

1. COMPONENT AIR FORCE	FY 2008 MILITARY (comp	T DATA 2. DATE Sep 2007			
3. INSTALLATIO	TION AND LOCATION 4. PROJECT TITLE , QATAR FACILITY REPLACEMENTS				
5. PROGRAM ELI 27596	EMENT 6. CATEGORY CODE 141-489	7. PROJECT NUMBER ALUA073008A	8. PROJECT COST (\$000) 40,000		

expeditionary standards in the 2003/2004 timeframe to support the initial movements of Operation IRAQI FREEDOM. These facilities (include billeting, dining halls, morale and administrative functions etc) have outlived their intended useful life. These facilities were designed and constructed with expedience in mind and were intended for approximately two years of use; in most cases the facilities have been in place for three to four year of heavy, transient use in the harsh Al Udeid climate. Several existing facilities will require modification, additions or replacement to best support required missions and meet long-term presence goals in support of the CENTCOM Global Defense Posture.

Additionally, many of the units are spread across the installation rather than consolidated into functional compounds. Many units operate from several facilities reducing efficiencies for operation and cause greater transportation problems around the installation.

IMPACT IF NOT PROVIDED: Existing core support and operations facilities will continue to fail and not be able to withstand the harsh environmental climate and will continue to degrade eventually becoming uninhabitable. Without replacement, the base will continue to rely upon aged and failing expeditionary structures, and will experience shortfalls in the number and size of facilities needed. As older facilities deteriorate with age and exposure, they will require increased (and increasingly inefficient) facility maintenance. Operational facilities will continue to be used despite severe disrepair; functions will remain geographically separate, causing increased problems for operations. Units will remain dispersed among several facilities rather than as a cohesive unit functioning within one well-designed and correctly sized facility. Like functions will not be able to consolidate, reducing efficiency of use within available space. Due to the planned long-term presence at Al Udeid, it is prudent to invest in long-term solutions rather than continue to provide temporary facilities that will require replacement every three to five years.

JOINT USE CERTIFICATION: This facility can be used by other components on an "as available" basis; however, the scope of the project is based on Air Force requirements.

Previous editions are obsolete.

AIR FORCE	FY 20	(comput	er gene	rated)	DATA	Sep 200		
3. INSTALLATION	AND LOCATIO	N		4. PROJECT	TITLE	1		
AL UDETD AB. OA	TAR			FACILITY RE	PLACEMENTS			
						0.000 (0000)		
5. PROGRAM ELEM	ENT 6. C	ATEGORY CODE	7. PROL	JECT NUMBER	8. PROJECT C	UST (\$000)		
27596		141-489	ALU	A073008A	40,000			
12. SUPPLEMENTA	L DATA:							
a. Estimated	Design Data:							
(1) Status:								
(a) Date	Design Star	ted			1!	5-OCT-07		
(b) Para	metric Cost	Estimates use	ed to de	velop costs		YES		
* (c) Perc	ent Complete	as of 01 JAN	1 2008			25%		
* (d) Date	35% Designe	d				1-FEB-08		
(e) Date	Design Comp	olete		(		I-FEB-08		
(1) Ener	gy Study/Lif	e-Cycle analy	rsis was	/will be per	riormed	NO		
(2) Basis:								
(a) Stan	dard or Defi	nitive Design	1 -			NO		
(b) Wher	e Design Was	Most Recent	Ly Used	-				
(3) Total C	ost(c) = (a	(b) + (b)  or (c)	1) + (e)			(\$000)		
(a) Prod	uction of Pl	ans and Speci	ficatio	ons		3,950		
(b) All	Other Design	Costs				0		
(c) Tota	1					3,950		
(d) Cont	ract					0		
(e) In-h	ouse					0		
(4) Constru	ction Contra	ct Award				08 MAR		
(5) Constru	ction Start					08 APR		
(6) Constru	ction Comple	tion				09 NOV		
* Indicates which is cost and	completion comparable t executabilit	of Project De traditional y.	finitic . 35% de	n with Param sign to ensu	netric Cost Es are valid scor	stimate De,		
b. Equipment N/A	associated w	vith this proj	ect pro	vided from c	ther appropri	ations:		

						and the second se	1	
1. COMPONENT	FY 2008 PROJECT DATA 2. DATE						2. DATE	
AIR FORCE		(compu	ter gene	generated) Sep 2007				
3. INSTALLATI	ON AND	LOCATION		4.	PROJECT	TITLE		
MASIRAH ISLAN	ID AB,	OMAN		EX	PEDITIONA	RY BEDDOWN SI	ГЕ	
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PR				JEC	T NUMBER	8. PROJECT C	OST (\$000)	
27596		872-247	PK	vvo	70001	6,	300	
		9. COST	r ESTIM	ATE	IS			
		ITEM	τ	J/M	QUANTITY	UNIT COST	COST (\$000)	
PRIMARY FACTLIT	TES						0.0	
SUPPORTING FACI	LITIES						5,537.0	
FENCING				T.M	1 300	144	( 187.0	
FARTHWORK				CM	600.000	7	( 107.0 )	
MODILIZATION	ND DEMO	NETT TO METON		TO	890,000	· · · ·	( 4,630.0 )	
MOBILIZATION A	AND DEMC	BILIZATION		LS		-	( 520.0	
SUBTOTAL							5,537.0	
CONTINGENCY	(5.5%)						304.5	
SUPERVISION, INS	PECTION	, AND OVERHEAD (	(7.7%)				449.8	
PROFIT AND OVER	HEAD	(.0%)					0.0	
TOTAL FUNDED CO	ST						6,291.3	
UNFUNDED COST							0.0	
TOTAL REQUEST (	Rounded	)					6,300	
Install approximation of the currents of the currents of the second seco	ximatel re. Re ew site nt: 185 edition In sup el a 18 d AB, C TION: s in th ces (RA he curr over 3 d encro west of t locat	y 1300 LM of chain move HESCO barriers a development. 5000 SM Adequate: ary Beddown Site oport of the Global 5,000 SM (45.7 acre man. Current U.S. mission are near term at Masi FO) have requested cent Tent City centr 5,500 personnel duri achment into the ne the current Tent C ion, but the area r	link fer at exis 0 SM War on 7 e) site f on requir rah Isla the Tent cally loc mg OEF/C w RAFO H Sity area equires	rem S Ter for rem and t C cat DIF hou a. ex	ng with do ng site ar ubstandard rorism, ar an expedi ents dicta . In addi ity Area a ed on the . RAFO has sing area RAFO has tensive si	ate the need f base, served currently und offered an ar	equirement wm area for planned al and be a US he site be er ea southwest epare for	
troop beddown IMPACT IF NOT	PROVID	ED: If the new are	a is not	E D	repared. (	CENTCOM's warf	ighting	
capability wi Island. In add existing compo	ll be s dition, ound is	everely diminished Host Nation relati not relocated in t	if troop ons will he near	ps L b te	are not ab e negative rm.	ole to beddown	at Masirah f the	
JOINT USE CER Operations.	TIFICAT	TON: This facility	will be	de	signed and	l built for Jo	int Use	

Previous editions are obsolete.

Page

. INSTALLATION A	ND LOCATION	4 PROTECT	TTTLE
ASIRAH ISLAND AB	, OMAN	EXPEDITION	ARY BEDDOWN SITE
. PROGRAM ELEMEN	T 6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (\$000)
27596	872-247	PKVV070001	6,300
<ol> <li>SUPPLEMENTAL</li> <li>a. Estimated De</li> <li>(1) Status</li> </ol>	DATA: sign Data:		
(1) Status: (a) Date D	esign Started		10-OCT-07
(b) Parame	tric Cost Estimates use	ed to develop costs	YES
* (c) Percen	t Complete as of 01 JA	1 2008	20%
* (d) Date 3	5% Designed		15-FEB-08
(e) Date D	esign Complete		15-FEB-08
(f) Energy	Study/Life-Cycle analy	ysis was/will be pe	erformed NO
(2) Basis:			
<ul><li>(a) Standa</li><li>(b) Where</li></ul>	rd or Definitive Design Design Was Most Recent:	n - Ly Used -	NO
(3) Total Cos	t(c) = (a) + (b)  or  (c)	l) + (e):	(\$000)
(a) Produc	tion of Plans and Speci	fications	622
(b) All Ot	her Design Costs		0
(c) Total			622
(d) Contra	ct		0
(e) In-nou	se		U
(4) Construct:	ion Contract Award		08 JUN
(5) Construct:	ion Start		NUL 80
(6) Construct:	ion Completion		09 JAN
* Indicates co which is con cost and exc	ompletion of Project De mparable to traditional ecutability.	finition with Para . 35% design to ens	metric Cost Estimate ure valid scope,
b. Equipment as: N/A	sociated with this proj	ect provided from	other appropriations:

							1
1. COMPONENT		FY 2008 MILITARY	CONSTRU	JCTIO	N PROJECT	DATA	2. DATE
AIR FORCE		(compu	iter gei	nerat	ed)		Sep 2007
3. INSTALLATI	ON AND	LOCATION		4. P	ROJECT TI	TLE	
MANAS AB, KYR	GYZSTAN			STRA	TEGIC RAM	P	
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PRO	JECT	NUMBER	8. PROJECT	COST (\$000)
27596		113-321	BR	VN070	0101	30	,300
		9. COS	T ESTI	MATES	3		
						UNIT	COST
		ITEM		U/M	QUANTITY	COST	(\$000)
PRIMARY FACILIT	IES						25,465
APRON				SM	107,225	220	( 23,590 )
SHOULDER, ASPH	ALT			SM	20,000	90	( 1,800)
DE-ICING FACIL	ITY			LS			(75)
SUPPORTING FACIN	LITIES						1,500
SITE PREPARATI	ON			LS			( 300)
EDGE LIGHTING				LS		1 1	( 300)
AREA LIGHTING				LS		1 1	( 700)
PAVEMENT MARKI	NG			LS			( 200)
SUBTOTAL							26,965
CONTINGENCY	(5.5	%)					1,483
TOTAL CONTRACT	COST					1	28,448
SUPERVISION, INS	SPECTION	AND OVERHEAD	(6.5%)				1,849
TOTAL REQUEST							30,297
TOTAL REQUEST (1	ROUNDED)						30,300
<ol> <li>Descripti support strate support medium markings will ramp. A syste included.</li> </ol>	on of P gic and load a be inst m for c	roposed Construction refueler airlift of ircraft. All edge alled as necessary ollecting and stori	on: Cor operation lightin to proving deig	nstru ons. ng, a vide cing	ct a conc Concrete rea light a complet fluid wil	rete parking will be des ing and pave e and useabl l be designe	ramp to igned to ment e airfield d and
11. Requiremen	t: 1072	25 SM Adequate:	0 SM	Sub	standard:	0 SM	
PROJECT: STRA	TEGIC A	IRLIFT RAMP					
REQUIREMENT: that will supp CURRENT SITUAT	Manas A ort the ION: T	ir Base requires a refueling and carg he main parking ran	secure o missi no at Ma	park lons o	ing ramp of Operat Internati	for strategi ion ENDURING onal Airport	c aircraft FREEDOM.
between Host N military aircr requires aircr Blocking the p take off. All of the U.S. ai observe aircra over the OEF t of the normal IMPACT IF NOT continue on th continue to ba overflowing on space on the r missions will	ation c aft par aft to arallel civili rcraft ft as t heater. passeng PROVIDE e main ck-taxi to the amp. S continu	ommercial and U.S. k on the main ramp utilize portions of taxiway requires a an passengers trave on the ramp from th hey are prepared, 1 There is no ramp er through the airp D: All cargo and r Manas International on the active runw parallel taxiway as ecurity vulnerabili	militan of the the pa aircraft aling the aunched space a port whe cefuelin Airpon yay before a resu	y ai: airpo arallo to b arallo to b arough ort to and availa are U ag op t pas ore ta alt o com ea	rcraft. ort. Lim el taxiwa back taxi h Bishkek erminal w recovere able out S operati erations rking ram ake off d f the sho asy obser	The majority The majority ited parking y for parkin on the runw have direct indows. Any d from their of the viewi ons can be m from Manas A p. Aircraft ue to aircra rtage of ava vation of th	of U.S. space g. ay before visibility one can missions ng ability oved. B will will ft parking ilable e on-going

1. COMPONENT	FY	2008 MILITAR	Y CONSTR	UCTION PROJECT	r data	2. DATE
AIR FORCE		(con	nputer ge	nerated)		Sep 2007
3. INSTALLATIC MANAS AB, KYRC	ON AND LOCAT	rion		4. PROJECT T	ITLE MP	
5. PROGRAM ELE	EMENT 6.	CATEGORY COD	E 7. PRO	7. PROJECT NUMBER 8. PROJECT C		ST (\$000)
27596		113-321	BI	RVN070101	30,3	00

JOINT USE CERTIFICATION: This facility will be designed and built for joint use operations.

DD FORM 1391, DEC 99

Previous editions are obsolete.

1. COMPONENT AIR FORCE		FY 2008 MILITARY CO	ONSTRUC er gene	TION PROJECT rated)	DATA	2. DATE Sep 2007
3. INSTALLATI	ON AND I	LOCATION		4. PROJECT	TITLE	
MANAS AB, KYR	GYZSTAN			STRATEGIC R	AMP	
5. PROGRAM EI	EMENT	6. CATEGORY CODE	7. PRO	JECT NUMBER	8. PROJECT CO	OST (\$000)
27596		113-321	BR	VN070101	30	,300
12. SUPPLEMEN	TAL DAT	A :				
a. Estimate	ed Design	n Data:				
(1) Statu	15:					
(a) Da	ate Desi	gn Started	d to de	wolon costs	15	-OCT-07
(D) Pa	arametric	omplete as of 01 JAN	3 2007	everop costs		25%
* (d) Da	ate 35%	Designed	2007		01	-FEB-08
(e) Da	ate Desi	gn Complete			01	-FEB-08
(f) En	nergy St	udy/Life-Cycle analy	sis was	s/will be per	formed	NO
(2) Bagis						
(2) Basis (a) St	tandard	or Definitive Design	n -			NO
(b) WI	nere Des	ign Was Most Recentl	Ly Used			
(3) Total	Cost (	(a) = (a) + (b) or (d)	1) + (e)			(\$000)
(a) P	roduction	n of Plans and Speci	ficatio	ons		2,992
(b) A:	ll Other	Design Costs				0
(c) To	otal					2,992
(d) Co	ontract					0
(e) II	1-house					0
(4) Const	ruction	Contract Award				08 MAR
(5) Const	ruction	Start				08 APR
(6) Const	ruction	Completion				09 NOV
* Indicat which i cost ar	tes compa is compar nd execut	letion of Project De rable to traditional tability.	efinitio 1 35% de	on with Param esign to ensu	metric Cost Es are valid scop	timate e,
b. Equipmer N/A	nt assoc:	iated with this proj	ect pro	ovided from a	other appropri	ations:

DRAFT 1 2. DATE 1. COMPONENT FY 2008 MILITARY CONSTRUCTION PROJECT DATA Sep 07 AIR FORCE (computer generated) 3. INSTALLATION AND LOCATION 4. PROJECT TITLE HQ USAF, DISTRICT OF COLUMBIA PLANNING AND DESIGN 6. CATEGORY CODE 7. PROJECT NUMBER 5. PROGRAM ELEMENT 8. PROJECT COST (\$000) 91211 102-11 PAYZ080009 35,000 9. COST ESTIMATES COST UNIT U/M QUANTITY COST (\$000) ITEM PRIMARY FACILITIES 35,000 PLANNING AND DESIGN LS ( 35,000 ) SUPPORTING FACILITIES 0 SUBTOTAL 35,000 TOTAL CONTRACT COST 35,000 TOTAL REQUEST 35,000 TOTAL REQUEST (ROUNDED) 35,000 10. Description of Proposed Construction: Planning and Design funds. 11. Requirement: Adequate: Substandard: PROJECT: As required. REQUIREMENT: Planning and Design funds for projects at Bagram AB, Kandahar AB, Manas AB, Al Udeid AB, Balad AB, and Masirah AB.

Previous editions are obsolete.

DRAFT 1

. COMPONENT		FY 2008 MILITARY C	ONSTRUCT	ION PROJECT	DATA	2. DATE Sep 07
IR FORCE		(comput)	er gener	ated)		
. INSTALLATI	ON AND LO	DCATION		4. PROJECT	TITLE	
HQ USAF, DIST	RICT OF (	COLUMBIA		PLANNING AN	D DESIGN	
5. PROGRAM EL	EMENT	6. CATEGORY CODE	7. PROJ	ECT NUMBER	8. PROJECT C	OST (\$000)
91211		102-11	PAY	Z080009	35	,000
12. SUPPLEMEN	TAL DATA	:				
a. Estimate	d Design	Data:				
(1) Statu	s:					
(a) Da	te Desig	n Started				
(b) Pa	rametric	Cost Estimates use	ed to dev	velop costs		YES
* (c) Pe	rcent Co	mplete as of 01 JAN	1 2007			
* (d) Da	te 35% D	esigned				
(e) Da (f) En	eray Stu	dv/Life-Cycle analy	rgig wag	will be ner	rformed	NO
(2)	oral per	aj, arre ejere anarj	DID WOD	with be per	LIOIMEG	110
(2) Basis	:					
(a) St	andard o	r Definitive Design	1 -			NO
(D) Wh	ere Desig	gn Was Most Recentl	Ly Used			
(3) Total	Cost (c)	= (a) + (b)  or  (d)	l) + (e):			(\$000)
(a) Pr	oduction	of Plans and Speci	fication	ıs		0
(b) Al	1 Other 1	Design Costs				0
(c) To (d) Co	tal					0
(e) In	-house					0
(A) Const	mation (	Jontwork Juneal				
(4) CONSC.	Luction (	Contract Award				
(5) Const	ruction &	Start				
(6) Const	ruction (	Completion				
* Indicat which i cost and	es comple s compara d executa	etion of Project De able to traditional ability.	finition 35% des	with Param gign to ensu	metric Cost Es are valid scop	timate e,
b. Equipmen	t associa	ated with this proj	ect prov	rided from c	ther appropri	ations:
N/A						
FORM 1391, DI	SC 99	Previous edi	tions ar	e obsolete	D	ana Ma