DEPARTMENT OF THE ARMY

Committee Staff Backup Book
FISCAL YEAR 2005
BUDGET AMENDMENT FOR
ARMY AVIATION TRANSFORMATION

MILITARY CONSTRUCTION, ARMY NATIONAL GUARD

March 2004

FY05 PB SAG	FY05 AMEND SAG	OMA 2020 NOMEN	BA	FY05 Budget	Change	FY05 ABS
111	111	Divisions	1	1,510,841	9,865	1,520,706
115	115	Land Forces Operations Support	1	1,196,122	1,700	1,197,822
122	122	Land Forces Systems Readiness	1	506,479	31,088	537,567
322	322	Flight Training	3	573,906	1,500	575,406
324	324	Training Support	3	614,519	4,000	618,519
421	421	Servicewide Transportation	4	571,357	-434	570,923
422	422	Central Supply Activities	4	480,102	10,159	490,261
		TOTAL - ABS Change			**57,878**	

FY05 PB BLIN	FY05 AMEND BLIN	APA 2031 NOMEN	BA	FY05 Budget	Change	FY05 ABS
N/A	2	HELICOPTER, OBSERVATION, KW RPLCMN	1	0	24,000	24,000
N/A	3	HELICOPTER, LIGHT UTILITY	1	0	45,000	45,000
2	4	COMANCHE	1	11,967	-11,967	0
3	5	UH-60 BLACK HAWK (MYP)		94,263	185,474	279,737
4	6	UH-60 BLACK HAWK (MYP) ADV PROC		30,197	4,526	34,723
		UH-60 BLACK HAWK (MYP)	1	**124,460**	**190,000**	**314,460**
5	7	HELICOPTER NEW TRAINING	1	0	13,100	13,100
9	11	CH-47 CARGO HELICOPTER MODS		518,840	184,610	703,450
10	12	CH-47 CARGO HELICOPTER MODS ADV PROC		23,832	0	23,832
		CH-47 CARGO HELICOPTER MODS	2	**542,672**	**184,610**	**727,282**
14	16	LONGBOW	2	554,805	99,655	654,460
16	18	UH-60 MODS		131,676	11,213	142,889
17	19	UH-60 MODS ADV PROC		6,130	0	6,130
		UH-60 MODS	2	**137,806**	**11,213**	**149,019**
18	20	KIOWA WARRIOR	2	33,776	5,500	39,276
24	26	ASE INFRARED CM (ATIRCM/CMWS)	4	79,226	192,940	272,166
27	29	COMMON GROUND EQUIPMENT	4	21,933	33,610	55,543
29	31	AIR TRAFFIC CONTROL	4	59,449	-4,000	55,449
30	32	INDUSTRIAL FACILITIES	4	1,216	44,000	45,216
		TOTAL - ABS Change			**827,661**	

FY05 PB BLIN	FY05 AMEND BLIN	MSLS 2032 NOMEN	BA	FY05 Budget	Change	FY05 ABS
4	4	HELLFIRE SYS SUMMARY	2	15,575	92,900	108,475
		TOTAL - ABS Change			**92,900**	

FY05 PB BLIN	FY05 AMEND BLIN	AMMO 2034 NOMEN	BA	FY05 Budget	Change	FY05 ABS
26	26	ROCKET, HYDRA 70 Flechette M255A1 W/MK66 Motor			14,329	14,329
26	26	ROCKET, HYDRA 70 MPSM HE M261			3,800	3,800
26	26	ROCKET, HYDRA 70 MPSM Prac M267			12,473	12,473
26	26	ROCKET, HYDRA 70, HE/PD M151/M423		14,689	29,424	44,113
26	26	ROCKET, HYDRA 70, FLARE INFRARED (IR) M278			3,732	3,732
26	26	ROCKET, HYDRA 70, Sig Prac M274			86,242	86,242
		ROCKET, HYDRA 70, ALL TYPES	1	**14,689**	**150,000**	**164,689**
29	29	SIGNALS, ALL TYPES	1	21,577	4,699	26,276
		TOTAL - ABS Change			**154,699**	

FY05 PB BLIN	FY05 AMEND BLIN	OPA 2035 NOMEN	BA	FY05 Budget	Change	FY05 ABS
61	61	TUAV	2	58,556	41,900	100,456
178	178	Rapid Equipping Soldier Support Equipment	3	1,010	12,500	13,510
		TOTAL - ABS Change			**54,400**	

FY05 PB & AMEND SSN/PROJ	FY05 PB & AMEND LINE	RDTE 2040 NOMEN		FY05 Budget	Change	FY05 ABS
63801/B32	69	ADV MAINT CONCEPTS/EQ	4	6,392	2,880	9,272
64220/538	79	KIOWA WARRIOR LFTE	5	0	20,000	20,000
64223/2LT		COMANCHE OPER TEST		9,065	-9,065	0
64223/327		COMANCHE		1,177,480	-1,177,480	0
64223/C72		T-800 ENGINE ED (LH)		43,119	-43,119	0
	80	**COMANCHE**	5	**1,229,664**	**-1,229,664**	**0**
65606/092	139	AIRCRAFT CERTIFICATION	6	2,985	500	3,485
23744/504		BLACK HAWK RECAP/MOD (IMD-HUMS)		0	13,100	13,100
23744/504		BLACK HAWK RECAP/MOD (CAAS)		9,414	5,385	14,799
23744/504		BLACK HAWK RECAP/MOD		58,154	0	58,154
	157	**BLACK HAWK RECAP/MOD**	7	**67,568**	**18,485**	**86,053**
35204/11A	174	Advanced Payload Develop & Spt (JMIP)	7	1,803	18,500	20,303

		TOTAL - ABS Change			-1,169,299	

FY05 PB SAG	FY05 AMEND SAG	OMNG 2065 NOMEN		FY05 Budget	Change	FY05 ABS
111	111	Divisions (Flying Hour Program)	1	606,407	-48,239	558,168
		TOTAL - ABS Change			-48,239	

FY05 PB PN	FY05 AMEND PN	MCARNG 2085 NOMEN		FY05 Budget	Change	FY05 ABS
80119	80119	Denver CO Army Aviation Spt Facility	1	21,000	13,000	34,000
260195	260195	Grand Ledge MI Army Aviation Spt Facility	1	18,200	9,400	27,600
N/A	300136	Helena MT Army Aviation Spt Facility Phase 1	1	0	7,600	7,600
		TOTAL - ABS Change			30,000	

FY 2005 AMENDED BUDGET FOR ARMY AVIATION TRANSFORMATION
MILITARY CONSTRUCTION ARMY NATIONAL GUARD
March 2004

Installation and Location	Project Title	Project Number	Project Cost ($000) Original	Revised	Delta
Buckley AFB, Denver, CO	Army Aviation Support Facility	080119	$ 21,000	$ 34,000	$ 13,000
Grand Ledge AASF, MI	Army Aviation Support Facility	260195A	$ 18,200	$ 27,600	$ 9,400
Helena, MT	Army Aviation Support Facility	300136	$ -	$ 7,600	$ 7,600
				Total	$ 30,000

AMENDED BUDGET

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
ARNG		25-Feb-04	

3. INSTALLATION AND LOCATION		4. PROJECT TITLE
BUCKLEY AFB, CO	INSNO= 08A10	ARMY AVIATION SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0505896A	21110	080119	34,000

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				**24,173**
HANGAR, OPERATIONS & MAINTENANCE	SM *SF*	9,860 *106,136*	1,862 *173*	(18,362)
GROUND SUPPORT EQUIPMENT STORAGE	SM *SF*	113 *1.214*	1,862 *173*	(210)
FLAMMABLE STORAGE BUILDING	SM *SF*	37 *400*	1,862 *173*	(69)
CONTROLLED WASTE HANDLING FACILITY	SM *SF*	68 *732*	1,862 *173*	(127)
UNHEATED AIRCRAFT STORAGE FACILITY	SM *SF*	4,881 *52,536*	1,012 *94*	(4,938)
FORCE PROTECTION	LS	100,000	- - - -	(100)
ENERGY MANAGEMENT CONTROL SYSTEMS	LS	367,230	- - - -	(367)
SUPPORTING FACILITIES				**6,963**
SITE PREPARATION	LS	867,033	- - - -	(867)
FINE GRADING & SEEDING	LS	30,000	- - - -	(30)
LANDSCAPING	LS	244,725	- - - -	(245)
RIGID PAVING	SM *SY*	56,854 *68,000*	60 *50.096955*	(3,407)
FLEXIBLE PAVING	SM *SY*	8,361 *10,000*	33 *28*	(280)
FENCING	M *LF*	267 *875*	66 *20*	(18)
SIDEWALKS	SM *SF*	12,542 *15,000*	8 *7*	(105)
CURBING	M *LF*	372 *1,220*	16 *5*	(6)
FUEL STOR. & DISP. SYSTEM	LS	80,000	- - - -	(80)
AIRCRAFT WASH FACILITY	LS	100,000	- - - -	(100)
AIRFIELD LIGHTING	LS	360,000	- - - -	(360)
EXTERIOR FIRE PREVENTION	LS	20,000	- - - -	(20)
EXTERIOR SECURITY LIGHTING	LS	80,000	- - - -	(80)
EMERGENCY GENERATOR, PAD AND HOOK-UP	LS	90,000	- - - -	(90)
WATER/SEWER/GAS/ELECTRIC	LS	1,275,584	- - - -	(1,276)
SUBTOTAL				**31,136**
CONTINGENCY (5%)				1,557
SUBTOTAL				**32,692**
SUPERVISION, INSP & OVERHEAD				1,308
TOTAL PROJECT COST				**34,000**
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(771)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

A specially designed aviation facility of permanent masonry and steel construction with standing seam metal roof, concrete floor, mechanical and electrical equipment. Partitions of masonry block. Supporting facilities are rigid and flexible paving for aircraft parking/tie down pads, ground support equipment, hover lanes, aircraft wash facility, exterior lighting, fire protection, and fencing. Project is located on a controlled access Air Force Base. However, physical security measures will be incorporated into design including maximum feasible standoff distancer from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.

AIR CONDITIONING: 56 TONS

AMENDED BUDGET

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (Continuation)	2. DATE	REPORT CONTROL SYMBOL
ARNG		25-Feb-04	

3. INSTALLATION AND LOCATION		4. PROJECT TITLE
BUCKLEY AFB, CO	INSNO= 08A10	ARMY AVIATION SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0505896A	21110	080119	34,000

11. REQUIREMENT: 9,860 SM 106,136 SF ADEQUATE: NA SUBSTANDARD: NA

PROJECT: This project is to build a AASF support facilities to accommodate the 16 UH-60 Aircraft and 7 CH-47 Aircraft that Colorado will receive as a part of the ARNG Aviation Transformation. It is a facility of permanent type construction to serve the peace time missions of the assigned units. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. (New Mission)

REQUIREMENT: A 10510 sm (113,1135 sf) AASF and supporting facilities are required to adequately provide the units housed in this facility with hangar, administrative, supply, classroom, locker, latrine and maintenance space.

CURRENT SITUATION: The COARNG facilities at Buckley AFB are not sufficient to accommodate the requirements for the aircraft COARNG will receive as a part of ARNG Aviation Transformation. In particular, there is no aircraft storage, the existing facility dimensions do not accommodate modernized aircraft, these facilities are also extremely short of functional space, and there is no parking area capable of supporting the CH-47 aircraft. In addition, the current facilities do not meet current code compliance standards. Finally, the existing maintenance facility does not currently have an appropriate fire suppression system which is in violation of Buckley AFB written requirements regarding fire suppression in aircraft maintenance hangars.

IMPACT IF NOT PROVIDED: Without this project, the COARNG will not be able to protect, operate or maintain these new aircraft. The overall readiness of the National Guard could also be adversely affected as the unit's readiness would be adversely impacted if this project is not provided.

ADDITIONAL: This project complies with the scope and design criteria of National Guard Pamphlet (Draft) 415-12 dated 1 October, 2002 and Design Guide 415-3 dated 01 November 1999. The most similar DoD standards do not address all of the current criteria incorporated in the Army National Guard Army Aviation Support Facility (AASF) design and thus does not yield accurate cost estimates. Therefore, state historical costs for construction of like facilities were used to develop baseline unit cost and were adjusted for size, fiscal year and location. An economic analysis has been prepared and utilized in evaluating this project. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet the requirement.

JOINT USE CERTIFICATION: The State Guard/Reserve Forces Facilities Board certifies that this project has been considered for joint use potential. Unilaterial construciton is recommended. The reasons for this recommendation are there are no other reserve or active Department of Defense entities located within reasonable travel distance and local area demographics can not support additional requirements.

AMENDED BUDGET

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (Continuation)	2. DATE	REPORT CONTROL SYMBOL
ARNG		25-Feb-04	

3. INSTALLATION AND LOCATION		4. PROJECT TITLE
BUCKLEY AFB, CO	INSNO= 08A10	ARMY AVIATION SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0505896A	21110	080119	34,000

11. REQUIREMENT 9,860 SM 106,136 SF ADEQUATE: NA SUBSTANDARD: NA

ANTITERRIORISM/FORCE PROTECTION: This project has been coordinated with the installations AT/FP plan. Risk and threat analysis have been performed in accordance with DA Pam 190/51 and TM 5-853-1, respectively. Only protective measures required by regulation and ONLY the minimum standards required by the "UFC DoD Minimum Antiterrorism Standards for Buildings, 31 July 2002" are needed. They are included in the cost estimate and description of construction.

DATE

MG Mason C. Whitney
STATE ADJUTANT GENERAL

AT/FP POC: MAJ Ellson/(303) 677-8864

CFMO: COL Harrell/(303) 677-8926

AMENDED BUDGET

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (Continuation)	2. DATE	REPORT CONTROL SYMBOL
ARNG		25-Feb-04	

3. INSTALLATION AND LOCATION		4. PROJECT TITLE
BUCKLEY AFB, CO	INSNO = 08A10	ARMY AVIATION SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0505896A	21110	080119	34,000

12. SUPPLEMENTAL DATE

a. ESTIMATED DESIGN DATA:

(1) STATUS:

(a) DATE DESIGN STARTED..... 04/03
(b) PERCENT COMPLETE AS OF JANUARY 2004 35%
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE..... 10/03
(d) DATE DESIGN EXPECTED TO BE 100% COMPLETE..... 05/04
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS..... NO
(f) TYPE OF DESIGN CONTRACT..... Design-Bid-Build

(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN. YES

(2) BASIS:

(a) STANDARD OR DEFINITIVE DESIGN - YES ___ NO X
(b) WHERE DESIGN WAS MOST RECENTLY USED NA

(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e): ($000)

(a) PRODUCTION OF PLANS AND SPECIFICATIONS..... (1,868.2)
(b) ALL OTHER DESIGN COSTS..... (934.1)
(c) TOTAL..... 2802.3
(d) CONTRACT..... (2,802.3)
(e) IN-HOUSE..... (0.0)

COST OF REPRODUCTION OF PLANS AND SPECS..... (19.0)

(4) CONSTRUCTION CONTRACT AWARD DATE 01/05

(5) CONSTRUCTION START 02/05

(6) CONSTRUCTION COMPLETION DATE 10/06
(month and year)

b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATION OR REQUESTED	COST ($000)
Security System	OPA	FY 07	90
Furniture	OMNG	FY 07	551
Telecom Equipment	OMNG	FY 07	130

AMENDED BUDGET

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
ARNG		25 FEB 04 Revised	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
GRAND LEDGE AASF, MICHIGAN INSNO= 26B10	ARMY AVIATION SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0505896A	21110	260195A	27,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				**23,139**
HANGAR, OPERATIONS & MAINTENANCE	SM *SF*	10,156 *109,320*	1,808 *168*	(18,366)
GROUND SUPPORT EQUIPMENT STORAGE	SM *SF*	111 *1.200*	649 *60*	(72)
FLAMMABLE STORAGE BUILDING	SM *SF*	56 *600*	1,023 *95*	(57)
CONTROLLED WASTE HANDLING FAC ARMY AVIATION SUPP	SM *SF*	28 *300*	1,184 *110*	(33)
UNHEATED AIRCRAFT STORAGE FACILITY	SM *SF*	3216 *34,613*	1,206 *112*	(3,877)
FORCE PROTECTION	LS	367,250	----	(367)
ENERGY MANAGEMENT CONTROL SYSTEMS (2%)	LS	367,250	----	(367)
SUPPORTING FACILITIES				**2,381**
SITE PREPARATION	LS	220,000	----	(220)
FINE GRADING & SEEDING	LS	100,000	----	(100)
PLANTING	LS	201,000	----	(201)
RIGID PAVING	SM *SY*	11,488 *13,740*	51 *43*	(591)
FLEXIBLE PAVING	SM *SY*	7,848 *9,386*	29 *24*	(225)
FENCING	M *LF*	468 *1534*	52 *16*	(25)
SIDEWALKS	SM *SF*	1,505 *1,800*	5 *4*	(7)
CURBING	M *LF*	305 *1,000*	16 *5*	(5)
EMERGENCY GENERATOR	LS	90,000	----	(90)
AIRCRAFT WASH FACILITY	LS	100,000	----	(100)
AIRFIELD LIGHTING	LS	200,000	----	(200)
EXTERIOR FIRE PROTECTION	LS	182,300	----	(182)
EXTERIOR SECURITY LIGHTING	LS	100,000	----	(100)
FORCE PROTECTION	LS	150,000	----	(150)
FUEL STORAGE & DISPENSING SYSTEM	LS	90,000	----	(90)
WATER/SEWER/GAS/ELECTRIC	LS	95,000	----	(95)
SUBTOTAL				**25,520**
CONTINGENCY (5%)				1,276
SUBTOTAL				**26,796**
SUPERVISION, INSPECTION & OVERHEAD (3%)				804
TOTAL PROJECT COST				**27,600**
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(595)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

A specially designed Army Aviation Support Facility (AASF) of permanent masonry and steel construction with standing seam metal roof, concrete floor, mechanical and electrical equipment. Partitions of masonry block. Supporting facilities are rigid and flexible paving for aircraft parking/tie down pads, ground support equipment, hover lanes, aircraft wash facility, exterior lighting, fire protection, and fencing. Project is located on an existing, controlled access Army National Guard AASF and Armory facility. However, physical security measures will be incorporated into design including maximum feasible standoff distancer from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained. This project includes the primary facility for hangar, maintenance, administrative and operational space, Unheated enclosed storage space for aircraft and ground support equipment, as well as an aircraft wash facility and additional supporting facilities.

AIR CONDITIONING: 56 TONS

AMENDED BUDGET

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION	2. DATE	REPORT CONTROL SYMBOL
ARNG	PROJECT DATA (Continuation)	25 FEB 04 Revised	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
GRAND LEDGE AASF, MICHIGAN INSNO= 26B10	ARMY AVIATION SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0505896A	21110	260195A	27,600

11. REQUIREMENT: 10,156 SM *109,320* SF ADEQUATE: NA SUBSTANDARD: NA

PROJECT: This project is to build a AASF support facilities to accommodate the 22 UH-60 Aircraft that Michigan will receive as a part of the ARNG Aviation Transformation. It is a facility of permanent type construction to serve the peace time missions of the assigned units. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. (New Mission, New Force Structure)

REQUIREMENT: A total primary facility space of 10,156 SM (109,320 SF) AASF, and supporting facilities are required to adequately provide the units housed in this facility with hangar, administrative, supply, classroom, locker, latrine and maintenance space.

CURRENT SITUATION: The MIARNG facilities at Grand Ledge AASF are not sufficient to accommodate the requirements for the aircraft MIARNG will receive as a part of ARNG Aviation Transformation. In particular, there is no aircraft storage, the existing facility dimensions do not accommodate modernized aircraft, these facilities are also extremely short of functional space, and there is no parking area capable of supporting the UH60 parking. In addition, the current facilities do not meet current code compliance standards. Finally, the existing maintenance facility does not have an appropriate fire suppression system.

IMPACT IF NOT PROVIDED: Without this project, the MIARNG will not be able to protect, operate or maintain these new aircraft. The overall readiness of the National Guard could also be adversely affected as the unit's readiness would be adversely impacted if this project is not provided.

ADDITIONAL: This project has been coordinated with the installation physical security plan. All required physical security measures and all anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A cost estimate based upon conceptual design was used to develop this budget estimate.

DATE

MG Thomas G. Cutler
STATE ADJUTANT GENERAL

AT/FP POC: LTC P. Carter/(517) 483-5824

CFMO COL Lanczyl/(517) 483-5645

AMENDED BUDGET

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION	2. DATE	REPORT CONTROL SYMBOL
ARNG	PROJECT DATA (Continuation)	25 FEB 04 Revised	

3. INSTALLATION AND LOCATION	4. PROJECT TITLE
GRAND LEDGE AASF, MICHIGAN INSNO = 26B10	ARMY AVIATION SUPPORT FACILITY

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0505896A	21110	260195A	27,600

12. SUPPLEMENTAL DATE

a. ESTIMATED DESIGN DATA:

(1) STATUS:

(a) DATE DESIGN STARTED..... July 03
(b) PERCENT COMPLETE AS OF JANUARY ..... 2004 ..... 35%
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE..... Jan04
(d) DATE DESIGN EXPECTED TO BE 100% COMPLETE..... May 04
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS..... NO
(f) TYPE OF DESIGN CONTRACT..... Design-Bid-Build

(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN. YES

(2) BASIS:

(a) STANDARD OR DEFINITIVE DESIGN - YES ___ NO X
(b) WHERE DESIGN WAS MOST RECENTLY USED NA

(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e): ($000)

(a) PRODUCTION OF PLANS AND SPECIFICATIONS..... (1,531.2)
(b) ALL OTHER DESIGN COSTS..... (765.6)
(c) TOTAL..... 2,296.8
(d) CONTRACT..... (2,296.8)
(e) IN-HOUSE..... (0.0)

COST OF REPRODUCTION OF PLANS AND SPECS..... (8.0)

(4) CONSTRUCTION CONTRACT AWARD DATE Jun 04

(5) CONSTRUCTION START Jul 04

(6) CONSTRUCTION COMPLETION DATE Feb 06
(month and year)

b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATION OR REQUESTED	COST ($000)
Security System	OPA	FY 06	90
Furniture	OMNG	FY 06	485
Telecom Equipment	OPA	FY 06	20
		TOTAL	595

AMENDED BUDGET

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA	2. DATE	REPORT CONTROL SYMBOL
ARNG		25 FEB 04	

3. INSTALLATION AND LOCATION		4. PROJECT TITLE
HELENA, MONTANA	INSNO= 30A80	ARMY AVIATION SUPPORT FACILITY ADD/ALT PH I

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0505896A	21110	300136	7,600

9. COST ESTIMATES

ITEM	U/M	QUANTITY	UNIT COST	COST ($000)
PRIMARY FACILITY				**6,129**
HANGAR, OPERATIONS & MAINTENANCE ADDITION	SM *SF*	2,349 *25,284*	2,454 *228*	(5,765)
HANGAR, OPERATIONS & MAINTENANCE ALTERATION	SM *SF*	37 *400*	1,227 *114*	(46)
FLAMMABLE STORAGE BUILDING ADDITION	SM *SF*	81 *875*	2,454 *228*	(200)
FORCE PROTECTION	LS	119,286	----	(119)
SUPPORTING FACILITIES				**898**
SITE PREPARATION	LS	250,000	----	(250)
FINE GRADING & SEEDING	LS	5,000	----	(5)
PLANTING	LS	5,000	----	(5)
RIGID PAVING ADDITION	SM *SY*	5,332 *6,377*	72 *60*	(383)
FLEXIBLE PAVING ADDITION	SM *SY*	3,942 *4,715*	36 *30*	(141)
FENCING	M *LF*	366 *1,200*	59 *18*	(22)
SIDEWALKS	SM *SF*	167 *1,800*	43 *4*	(7)
CURBING	M *LF*	305 *1,000*	39 *12*	(12)
EXTERIOR SECURITY LIGHTING	LS	23,000	----	(23)
WATER/SEWER/GAS/ELECTRIC	LS	50,000	----	(50)
SUBTOTAL				**7,027**
CONTINGENCY (5%)				351
SUBTOTAL				**7,378**
SUPERVISION, INSPECTION & OVERHEAD (3%)				221
TOTAL PROJECT COST				**7,600**
EQUIP PROVIDED FROM OTHER FED APPR (NON-ADD)				(75)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

A specially designed aviation facility addition of permanent masonry and steel construction with membrane roof, concrete floor, mechanical and electrical equipment. Partitions of masonry block. Supporting facilities are rigid or flexible paving for ground support equipment access, aprons, new ground support equipment space, new striping for hover lanes, additional tie downs for CH-47, expansion of aircraft wash facility, exterior building mounted lighting, fire protection, and fencing. Phase I will consist of construction of hangar space, flammable and bulk POL storage, employee support space, modifiy existing flammable storage, site prep for the whole project, and most of the paving. Physical security measures will be incorporated into design including maximum feasible standoff distance from roads, parking areas, and vehicle unloading areas, berms, heavy landscaping, and bollards to prevent access when standoff distance cannot be maintained.

AIR CONDITIONING: 1 TON

AMENDED BUDGET

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (Continuation)	2. DATE	REPORT CONTROL SYMBOL
ARNG		25 FEB 04	

3. INSTALLATION AND LOCATION		4. PROJECT TITLE
HELENA, MONTANA	INSNO= 30A80	ARMY AVIATION SUPPORT FACILITY ADD/ALT PH I

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0505896A	21110	300136	7,600

11. REQUIREMENT: 2,349 SM 25,284 SF ADEQUATE: NA SUBSTANDARD: NA

PROJECT: Phase I of this project is to add on to the current AASF, two Maintenance Hanger Bays and a Phase Bay that will accommodate CH-47 aircraft as well as some remodel of existing and some other new construction. Phase II shall include additional space for allied shops, administration and storage as well as remodeling of some existing space to accommodate the new mission This structure consists of permanent type construction to serve the peace time missions of the assigned units. The space will permit all personnel to perform the necessary tasks that will improve the units readiness posture. (New Federal Mission)

REQUIREMENT: A 3,614 SM (38,898 SF) AASF addition, 97 SM (1,048 SF) alteration, 81 SM (875 SF) flammable storage building, 28 sm (300 SF) controlled waste handling facility, and 128 SM (1,380 SF) ground support equipment space are required to adequately provide the units housed in this facility with hangar space to support CH47 aircraft, minimal administrative, storage and maintenance space. This is Phase I of this requirement.

CURRENT SITUATION: The current force structure has been replaced by a different force structure that includes CH-47 aircraft. We do not have CH-47 bays in the current facility. The Unheated Storage Hangar is adequate to house CH-47 aircraft. The current apron is of sufficient size to set up some CH-47 tie down locations, however restriping will be required. No additional aircraft parking will be requested. There is only sufficient space to put two CH-47 bays and one Phase Bay on the current site. Placement of these bays require relocation of the ground support equipment areas. Current ground support equipment area shall be remodeled for other use.

IMPACT IF NOT PROVIDED: Without this project the units readiness will be adversely affected due to having insufficient capability of maintenance support for the CH-47 aircraft. The overall readiness of the National Guard could also be adversely affected as the unit would become a non-mobilization asset if this project is not provided.

ADDITIONAL: This project has been coordinated with the installation physical security plan. All required physical security measures and all anti-terrorism/force protection measures are included. Alternative methods of meeting this requirement have been explored during project development. This project is the only feasible option to meet this requirement. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

JOINT USE CERTIFICATION: The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. This facility will be available for use by other components. A cost estimate based upon conceptual design was used to develop this budget estimate.

ANTITERRIORISM/FORCE PROTECTION: This project has been coordinated with the installation physical security plan. All required physical security measures and all anti-terrorism/force protection measures are included.

DATE

John E. Prendergast, MG, TAG-MT

AT/FP POC: MAJ James Pembroke (406)324-3165

CFMO COL Allan Stricker (406) 324-3101

AMENDED BUDGET

1. COMPONENT	FY 2005 MILITARY CONSTRUCTION PROJECT DATA (Continuation)	2. DATE	REPORT CONTROL SYMBOL
ARNG		25 FEB 04	

3. INSTALLATION AND LOCATION		4. PROJECT TITLE
HELENA, MONTANA	INSNO = 30A80	ARMY AVIATION SUPPORT FACILITY ADD/ALT PH I

5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST ($000)
0505896A	21110	300136	7,600

12. SUPPLEMENTAL DATE

a. ESTIMATED DESIGN DATA:

(1) STATUS:

(a) DATE DESIGN STARTED 05/04
(b) PERCENT COMPLETE AS OF JANUARY ..... 2004 ..... 35%
(c) DATE DESIGN EXPECTED TO BE 35% COMPLETE 08/04
(d) DATE DESIGN EXPECTED TO BE 100% COMPLETE 01/05
(e) PARAMETRIC COSTS USED TO DEVELOP COSTS ..... NO
(f) TYPE OF DESIGN CONTRACT ..... Design-Bid-Build

(g) AN ENERGY STUDY AND LIFE CYCLE COST ANALYSIS WILL BE DOCUMENTED DURING FINAL DESIGN. YES

(2) BASIS:

(a) STANDARD OR DEFINITIVE DESIGN - YES ___ NO X
(b) WHERE DESIGN WAS MOST RECENTLY USED NA

(3) TOTAL DESIGN COST (c)=(a)+(b) or (d)+(e): ($000)

(a) PRODUCTION OF PLANS AND SPECIFICATIONS ..... (421.6)
(b) ALL OTHER DESIGN COSTS ..... (210.8)
(c) TOTAL ..... (632.4)
(d) CONTRACT ..... (632.4)
(e) IN-HOUSE ..... (0.0)

COST OF REPRODUCTION OF PLANS AND SPECS ..... (25.0)

(4) CONSTRUCTION CONTRACT AWARD DATE 04/05

(5) CONSTRUCTION START 04/05

(6) CONSTRUCTION COMPLETION DATE 10/06 *(month and year)*

b. EQUIPMENT ASSOCIATED WITH THIS PROJECT WHICH WILL BE PROVIDED FROM OTHER APPROPRIATIONS

EQUIPMENT NOMENCLATURE	PROCURING APPROPRIATION	FISCAL YEAR APPROPRIATION OR REQUESTED	COST ($000)
FURNITURE	OMARNG	FY 07	50
TELECOM	OMARNG	FY 07	25
		TOTAL	75