

ARMY 2004 59841 W REVISION DATE: 10 DEC 2002  
 MCA (AS OF 09/22/2003 AT 16:18:04) 26 NOV 2002  
 LAF=1.00 UM=E  
 Fort Example  
 CONUS Urban Assault Course

178 98 59841 1,450

1.0000 /US\$

PRIMARY FACILITY				1,102
SIT Target Maintenance	LS	--	--	(3)
Interior SIT	EA	1	21,642	(22)
Stationary Infantry Tgt. Emplmts	EA	4	3,348	(13)
Individual & Team Techniques #1	EA	1	13,336	(13)
Squad & Platoon Techniques #2	LS	--	--	(52)
Total from Continuation page(s)				(999)
SUPPORTING FACILITIES				202
Electric Service	LS	--	--	(202)

ESTIMATED CONTRACT COST	1,304
CONTINGENCY PERCENT (5.00%)	<u>65</u>
SUBTOTAL	1,369
SUPERVISION, INSPECTION & OVERHEAD (5.70%)	<u>78</u>
TOTAL REQUEST	1,447
TOTAL REQUEST (ROUNDED)	1,450
INSTALLED EQT-OTHER APPROPRIATIONS	(0)

Construct a standard Urban Assault Course (UAC) consisting of 5 stations:  
 Station 1 - Individual & Team Task; Station 2 - Squad & Platoon Task; Station 3  
 - Grenadier Gunnery Trainer; Station 4 - Urban Offense/Defense Trainer; and  
 Station 5 - Underground Trainer. Primary Facilities are located within the  
 perimeter of the range complex and include Operations/Storage Building,  
 Latrine, stationary infantry targets (SIT), service roads, site improvements  
 and associated range power and data transfer cabling. Supporting facilities  
 include electric service, utilities, and information systems. Approximately  
 \_\_\_ square feet of facilities will be demolished. Unexploded ordnance  
 contamination is expected on the project site. Surface clearance will be  
 performed prior to construction start; subsurface clearance will be performed  
 during construction using funding other than MILCON. Heating and air  
 conditioning ( \_\_\_ tons) will be provided by self-contained units.  
 Anti-terrorism/force protection measures include \_\_\_\_.

Fort Example  
CONUS

Urban Assault Course 59841

9. COST ESTIMATES (CONTINUED)

Item	U/M	Qty	Unit Cost	Cost (\$000)
PRIMARY FACILITY (CONTINUED)				999
Grenadier Gunnery #3	EA	1	9,829	(10)
Urban Offense / Defense Bldg. #4	EA	1	359,257	(359)
Underground Trainer #5	LS	--	--	(76)
Streets	LS	--	--	(28)
Embankments for Buildings	LS	--	--	(2)
Short Wall	EA	2	93.50	(1)
Rubble	LS	--	--	(1)
Junk Vehicles	LS	--	--	(1)
Hasty Positions	EA	2	48.00	(1)
Observation Podiums	EA	3	185.33	(1)
Grading & Drainage	LS	--	--	(75)
Clearing & Grubbing	LS	--	--	(25)
Demolition	LS	--	--	(8)
Station 1-4	LS	--	--	(18)
Range Operations & Control Area	LS	--	--	(131)
Downrange Electrical	LS	--	--	(136)
Operations/Storage Building	SF	800	92.36	(74)
Latrine, Dual Sex, Aerated Vault	SF	194	268.51	(52)

11. REQ: NONE ADQT: NONE SUBSTD: NONE

PROJECT:

Construct a standard Urban Assault Course (UAC). ([New][Current] mission)

REQUIREMENT:

This information is prepared to address the question "Why is the project needed now?" A continuing need for the project should also be indicated. Include a sentence stating the average daily loads/training throughput. Any alternatives to project construction should be identified along with the corresponding rationale for rejection. In cases where the project is required to support unit activations, stationing actions or equipment modernization, clearly indicate what type of unit or what type of equipment has generated the programming action. List the units generically, not specifically. Also, provide a statement indicating if the project has been validated by the Range Development Plan.

CURRENT SITUATION:

This information is required to answer the questions "How is the need currently being met" and "How does the unit currently operate?" Avoid

Fort Example  
CONUS

Urban Assault Course

59841

CURRENT SITUATION: (CONTINUED)

emotional appeals. Be factual. Do not state that mission is not being met, instead describe the deficiencies in meeting mission. Include all factors considered in determining that the current facilities are not suitable for continued use.

IMPACT IF NOT PROVIDED:

Information contained in this subsection will describe the results if the project is not approved and constructed. Indicate, where applicable, any adverse impacts on overall mission accomplishment, safety, etc. Do not just repeat the Current Situation. This paragraph defines the forecasted adverse impact on the continuing operation or mission. Begin this subsection with, "If this project is not provided..."

ADDITIONAL:

Information in this subsection is easily entered by using the "Standard Statement Assistance" in the PAX processor. The statement choices for a typical range project follow:> Physical Security ñ 1st choice AT/FP ñ 1st choice Econ Analysis ñ 2nd choice Joint Use Certification ñ 2nd choice Sustainable Principles ñ yes This project has been coordinated with the installation physical security plan, and all physical security measures are included. All required antiterrorism/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 the requirement. The Deputy Assistant Secretary of the Army (Installations and Housing) certifies that this project has been considered for joint use potential. The facility will be available for use by other components. Sustainable principles will be integrated into the design, development, and construction of the project in accordance with Executive Order 13123 and other applicable laws and Executive Orders.

ESTIMATED CONSTRUCTION START:	APR 2004	INDEX: 2221
ESTIMATED MIDPOINT OF CONSTRUCTION:	JAN 2005	INDEX: 2249
ESTIMATED CONSTRUCTION COMPLETION:	OCT 2005	INDEX: 2279

Fort Example  
CONUS

Urban Assault Course

59841

			U/M	Qty	Unit Cost	Cost (\$000)
PRIMARY FACILITY.						
GENERAL.						
1.0)	17710	SIT Target Maintenance	LS	--	--	(3)
1)		SIT Target Maintenance	LS	--	--	3
2.0)	17710	Interior SIT	EA	1	21,642	(22)
1)		Interior SIT	EA	1	21,642	22
3.0)	17710	Stationary Infantry Tgt. Emplmt	EA	4	3,348	(13)
1)		Electrical	EA	4	2,650	11
2)		Architectural / Structural	EA	4	697.76	3
4.0)	17710	Individual & Team Techniques #1	EA	1	13,336	(13)
1)		Individual & Team Techniques #1	EA	1	13,336	13
5.0)	17710	Squad & Platoon Techniques #2	LS	--	--	(52)
1)		Building A	EA	1	8,688	9
2)		Building B	EA	1	12,214	12
3)		Building C	EA	5	6,124	31
6.0)	17710	Grenadier Gunnery #3	EA	1	9,829	(10)
1)		Grenadier Gunnery #3	EA	1	9,829	10
7.0)	17710	Urban Offense / Defense Bldg. #	EA	1	359,257	(359)
1)		2 Story, CMU Building	EA	1	359,257	359
8.0)	17710	Underground Trainer #5	LS	--	--	(76)
1)		Underground Trainer #5	LS	--	--	76
9.0)	85110	Streets	LS	--	--	(28)
1)		Aggregate & Fabric	LS	--	--	28
10.0)	17710	Embankments for Buildings	LS	--	--	(2)
1)		Backfill, Compaction	LS	--	--	2
11.0)	17710	Short Wall	EA	2	93.50	(1)
1)		Wooden posts & poles	EA	2	93.54	0
12.0)	17710	Rubble	LS	--	--	(1)
1)		Rubbled CMU Wall	LS	--	--	1
13.0)	17710	Junk Vehicles	LS	--	--	(1)
1)		Junk Vehicles	LS	--	--	0
14.0)	17710	Hasty Positions	EA	2	48.00	(1)
1)		Filled sandbags positions	EA	2	47.82	0
15.0)	17710	Observation Podiums	EA	3	185.33	(1)
1)		Wooden post w/ 3/4" plywood	EA	3	185.20	1
16.0)	87120	Grading & Drainage	LS	--	--	(75)
1)		Culverts, Channel, Prot. Berms	LS	--	--	75
17.0)	93210	Clearing & Grubbing	LS	--	--	(25)
1)		Clear Trees & Grub Stumps	LS	--	--	25
18.0)	93310	Demolition	LS	--	--	(8)
1)		Demolition of Existing Structur	LS	--	--	8
19.0)	17710	Station 1-4	LS	--	--	(18)

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CONUS

Urban Assault Course

59841

		U/M	Qty	Unit Cost	Cost (\$000)
1)	Electrical	LS	--	--	18
20.0)	85710 Range Operations & Control Area	LS	--	--	(131)
1)	Fill Under Buildings	LS	--	--	2
2)	Access Road Upgrade	LS	--	--	26
3)	Fencing	LS	--	--	3
4)	Sidewalks	LS	--	--	1
5)	Parking	LS	--	--	13
6)	Grading and Drainage	LS	--	--	81
7)	Range Flag Pole	EA	1	5,839	6
21.0)	81242 Downrange Electrical	LS	--	--	(136)
1)	Telephone	LS	--	--	8
2)	Power Center- PC 1	LS	--	--	19
3)	Concrete Encasement	LS	--	--	9
4)	Secondary Utilities	LS	--	--	84
5)	Strobe Lamp on Pole	LS	--	--	3
6)	Testing	LS	--	--	4
7)	Primary Utilities	LS	--	--	5
8)	Primary Trenching	LS	--	--	3
22.0)	17122 Operations/Storage Building	SF	800	92.36	(74)
1)	ARCHITECTURAL/STRUCTURAL	SF	800.01	64.37	51
2)	MECHANICAL	SF	800.01	8.30	7
3)	ELECTRICAL	SF	800.01	19.69	16
23.0)	00000 Latrine, Dual Sex, Aerated Vault	SF	194	268.51	(52)
1)	ARCHITECTURAL/STRUCTURAL	SF	194	146.56	28
2)	MECHANICAL	SF	194	84.33	16
3)	ELECTRICAL	SF	194	37.62	7

SUPPORTING FACILITIES.

Electric Service	LS	--	--	(202)
1) Overhead/Underground Primary	LS	--	--	166
2) Communications	LS	--	--	37