

ARMY 2008 58775 W REVISION DATE: 31 AUG 2005
MCA (AS OF 10/27/2005 AT 08:49:11) 06 MAY 2002
LAF=1.00 UM=M

Fort Example
CONUS Automated Combat Pistol/Military Police

178 22 58775 2,000

1.0000 /US\$

PRIMARY FACILITY				1,653
Stationary Infantry Tgt. Emplmts	EA	105	4,305	(452)
Firing Path	EA	1	8,660	(9)
Service Roads	LS	--	--	(6)
Grading & Drainage	LS	--	--	(15)
Clearing & Grubbing	LS	--	--	(2)
Total from Continuation page(s)				(1,169)
SUPPORTING FACILITIES				164
Electric Service	LS	--	--	(164)

ESTIMATED CONTRACT COST				1,817
CONTINGENCY PERCENT (5.00%)				<u>91</u>
SUBTOTAL				1,908
SUPERVISION, INSPECTION & OVERHEAD (5.70%)				<u>109</u>
TOTAL REQUEST				2,017
TOTAL REQUEST (ROUNDED)				2,000
INSTALLED EQT-OTHER APPROPRIATIONS				(0)

Construct a standard Combat Pistol/Military Police Firearm Qualification Course (CP/MPQC). Primary facilities include small range operations center general instruction building, ammo breakdown building, operations/storage building, latrine, bleacher enclosure, and covered mess. Supporting facilities include electric service and information systems. Targetry and instrumentation systems will be funded by Other Procurement, Army (OPA) appropriations. Anti-terrorism/force protection measures include reinforced metal doors, exterior lighting, laminated glass and security grates for windows. Access for individuals with disabilities is not required. Demolish buildings (__ total m2). Air conditioning (estimated __ kwr).

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9. COST ESTIMATES (CONTINUED)

Item	U/M	Qty	Unit Cost	Cost (\$000)
PRIMARY FACILITY (CONTINUED)				1,169
Demolition	LS	--	--	(1)
Lane Markers	EA	15	288.93	(4)
Limit Markers	EA	2	1,099	(2)
Security Barrier	LS	--	--	(4)
Range Operations & Control Area	LS	--	--	(100)
Downrange Electrical	LS	--	--	(423)
Control Tower	m2	23.04	9,438	(217)
Operations/Storage Building	m2	74.32	1,180	(88)
General Instruction Building	m2	74.32	1,186	(88)
Latrine, Dual Sex, Aerated Vault	m2	18.02	3,447	(62)
Bleacher Enclosure	m2	54.44	1,492	(81)
Covered Mess	m2	70.61	925.03	(65)
Ammo Breakdown Building	m2	16.82	1,998	(34)

11. REQ: NONE ADQT: NONE SUBSTD: NONE

PROJECT:

Construct a standard Combat Pistol/Military Police Firearm Qualification Course (CP/MPQC). ([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 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.

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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 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:	MAR 2008	INDEX: 2412
ESTIMATED MIDPOINT OF CONSTRUCTION:	SEP 2008	INDEX: 2437
ESTIMATED CONSTRUCTION COMPLETION:	MAR 2009	INDEX: 2463

Fort Example
CONUS

Automated Combat Pistol/Military Police Firearms Qu 58775
U/M Qty Unit Cost
(\$000)

PRIMARY FACILITY.

GENERAL.

1.0)	17822	Stationary Infantry Tgt. Emplmt	EA	105	4,305	(452)
1)		Electrical	EA	105	3,525	370
2)		Architectural / Structural	EA	105	779.91	82
2.0)	17822	Firing Path	EA	1	8,660	(9)
1)		Aggregate Path	EA	1	8,660	9
3.0)	85110	Service Roads	LS	--	--	(6)
1)		Targets Service Roads	LS	--	--	6
4.0)	93210	Grading & Drainage	LS	--	--	(15)
1)		Grading, Drainage & Erosion Pro	LS	--	--	15
5.0)	93210	Clearing & Grubbing	LS	--	--	(2)
1)		Clear Trees & Grub Stumps	LS	--	--	2
6.0)	93310	Demolition	LS	--	--	(1)
1)		Demolition of Existing Structur	LS	--	--	1
7.0)	17822	Lane Markers	EA	15	288.93	(4)
1)		Lane Marker, one per lane	EA	15	288.95	4
8.0)	17822	Limit Markers	EA	2	1,099	(2)
1)		Wooden Construction	EA	2	1,099	2
9.0)	17822	Security Barrier	LS	--	--	(4)
1)		Steel Pipe Swing Barrier	LS	--	--	4
10.0)	17801	Range Operations & Control Area	LS	--	--	(100)
1)		Fill Under Buildings	LS	--	--	7
2)		Access Road Upgrade	LS	--	--	32
3)		Fencing	LS	--	--	4
4)		Sidewalks	LS	--	--	1
5)		Parking	LS	--	--	14
6)		Grading and Drainage	LS	--	--	35
7)		Range Flag Pole	EA	1	7,150	7
11.0)	81242	Downrange Electrical	LS	--	--	(423)
1)		ROC Communication	LS	--	--	15
2)		Power Center (ROC)	LS	--	--	49
3)		Miss. PC- Small Arms Standard	LS	--	--	14
4)		Concrete Encasement	LS	--	--	3
5)		Secondary Utilities	LS	--	--	99
6)		Floodlight Pole Detail	LS	--	--	27
7)		Testing	LS	--	--	10
8)		Limit Marker Lighting	LS	--	--	6
9)		Data Cable	LS	--	--	159
10)		Primary Utilities	LS	--	--	6
11)		Sectionalizing Switch	LS	--	--	36
12.0)	17971	Control Tower	m2	23.04	9,438	(217)

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		U/M	Qty	Unit Cost	Cost (\$000)
1)	ARCHITECTURAL/STRUCTURAL	m2	23.04	7,112	164
2)	MECHANICAL	m2	23.04	250.52	6
3)	ELECTRICAL	m2	23.04	2,074	48
13.0)	17122 Operations/Storage Building	m2	74.32	1,180	(88)
1)	ARCHITECTURAL/STRUCTURAL	m2	74.32	823.01	61
2)	MECHANICAL	m2	74.32	107.27	8
3)	ELECTRICAL	m2	74.32	249.36	19
14.0)	17120 General Instruction Building	m2	74.32	1,186	(88)
1)	ARCHITECTURAL/STRUCTURAL	m2	74.32	757.35	56
2)	MECHANICAL	m2	74.32	171.58	13
3)	ELECTRICAL	m2	74.32	256.85	19
15.0)	73075 Latrine, Dual Sex, Aerated Vault	m2	18.02	3,447	(62)
1)	ARCHITECTURAL/STRUCTURAL	m2	18.02	1,873	34
2)	MECHANICAL	m2	18.02	1,094	20
3)	ELECTRICAL	m2	18.02	480.38	9
16.0)	75061 Bleacher Enclosure	m2	54.44	1,492	(81)
1)	ARCHITECTURAL/STRUCTURAL	m2	54.44	1,203	66
2)	ELECTRICAL	m2	54.44	288.18	16
17.0)	17123 Covered Mess	m2	70.61	925.03	(65)
1)	ARCHITECTURAL/STRUCTURAL	m2	70.61	731.58	52
2)	ELECTRICAL	m2	70.61	193.45	14
18.0)	17123 Ammo Breakdown Building	m2	16.82	1,998	(34)
1)	ARCHITECTURAL/STRUCTURAL	m2	16.82	1,354	23
2)	ELECTRICAL	m2	16.82	644.30	11

SUPPORTING FACILITIES.

Electric Service	LS	--	--	(164)
1) Overhead/Underground Primary	LS	--	--	146
2) Communications	LS	--	--	18