

Army 2016 93708 W REVISION DATE: 17 OCT 2014
 MCA 17 OCT 2014
 ACF=1.00 UM=E

Fort Example
 CONUS Automated Record Fire (ARF) Range
 178 05 93708 1,500

PRIMARY FACILITY				1,359
Auto Record Fire Range [UC placeholder]	FP	16	2,807	(45)
Range Ops & Ctrl Area [UC placeholder]	EA	1	22,019	(22)
Control Tower	EA	1	304,596	(305)
Operations/Storage Building	SF	800	293.16	(235)
Classroom Building	SF	800	282.79	(226)
Total from Continuation page				(526)
SUPPORTING FACILITIES				

ESTIMATED CONTRACT COST	1,359
CONTINGENCY (5.00%)	68
SUBTOTAL	<u>1,427</u>
SUPERVISION, INSPECTION & OVERHEAD (5.70%)	81
TOTAL REQUEST	<u>1,508</u>
TOTAL REQUEST (ROUNDED)	1,500
INSTALLED EQT-OTHER APPROPRIATIONS	(632)

Construct a standard design Automated Record Firing (ARF) Range. Primary facilities include the ARF range, range operations and control area, range control tower, range operations and storage building, classroom building, latrine, covered bleachers enclosure, covered mess, ammunition breakdown building, and building information systems. Supporting facilities include electric service and information systems. Measures in accordance with the Department of Defense (DoD) Minimum Antiterrorism for Buildings standards will be provided. Facilities will be designed to a minimum life of 50 years in accordance with DoD's Unified Facilities Code (UFC 1-200-02) including energy efficiencies, building envelope and integrated building systems performance.

11. REQ: NONE ADQT: NONE SUBSTD: NONE

PROJECT:
 Construct a standard design Automated Record Firing (ARF) Range.

ADDITIONAL:
 The Deputy Assistant Secretary of the Army (Installations, Housing and Partnerships) certifies that this project has been considered for joint use potential. The facility will be available for use by other components.

ESTIMATED CONSTRUCTION START:	MAR 2016	INDEX:	2795
ESTIMATED MIDPOINT OF CONSTRUCTION:	OCT 2016	INDEX:	2827
ESTIMATED CONSTRUCTION COMPLETION:	MAY 2017	INDEX:	2861

Fort Example
CONUS

Automated Record Fire (ARF) Range 93708

Item	U/M	Qty	Unit cost	Cost (\$000)
PRIMARY FACILITY.				
GENERAL.				
1.0) 17805 Auto Record Fire Range [UC plac	FP	16	2,806.52	(45)
1) Stnary Target Emplacements [UC	EA	112	9.39	1
2) Walk-In Foxhole [UC placeholder	EA	16	62.63	1
3) Service Roads [Quan & UC placeh	SY	1	1,043.88	1
4) Grading & Drainage [Quan & UC P	AC	1	1,043.88	1
5) Clearing and Grubbing [Quan pla	AC	1	4,478.20	4
6) Lane Markers	EA	16	983.07	16
7) Limit Markers	EA	2	3,394.17	7
8) Heavy Duty Pipe Gate	EA	1	4,347.93	4
9) Downrange Electrical [UC placeh	EA	1	1,043.88	1
10) Target Boots	EA	32	261.73	8
2.0) 17805 Range Ops & Ctrl Area [UC place	EA	1	22,019	(22)
1) Access Road [Quan placeholder]	SY	100	10.64	1
2) Fencing [Quan placeholder]	LF	30	30.85	1
3) Sidewalks [Quan & UC placeholder	SF	1	1,043.88	1
4) Parking [Quan placeholder]	SY	100	10.64	1
5) Grading & Drainage [Quan & UC P	AC	1	1,043.88	1
6) Clearing and Grubbing [Quan pla	AC	1	4,478.20	4
7) Range Flag Pole	EA	1	9,037.14	9
8) Gates - 24 ft pair	EA	2	1,681.05	3
3.0) 17971 Control Tower	EA	1	304,596	(305)
4.0) 17122 Operations/Storage Building	SF	800	293.16	(235)
5.0) 17123 Classroom Building	SF	800	282.79	(226)
6.0) 73075 Field Latrine-Aerated Vault Type	SF	330	511.44	(169)
7.0) 75061 Bleacher Enclosure	EA	1	106,842	(107)
8.0) 17122 Ammunition Breakdown Building	SF	185	512.69	(95)
9.0) 17139 Covered Mess	SF	800	162.58	(130)
10.0) 00005 Sustainability/Energy Measures	LS	--	--	(25)
1) Sustainability/Energy Measures	LS	--	--	25

INFO SYS & ANTITERRORISM MEASURES.

The following Building Information Systems cost can be found only in Tab F: \$0

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Automated Record Fire (ARF) Range 93708

Item	U/M	Qty	Unit cost	Cost (\$000)
SUPPORTING FACILITIES.				

FY 2016

93708 W

REVISION DATE: 17 OCT 2014

MCA (AS OF 10/17/2014 AT 11:00:32)

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FORM/PROJECT NUMBER: 93708

PROJECT TITLE: Automated Record Fire (ARF) Range

INSTALLATION: Fort Example

LOCATION: CONUS

TAB C - GENERAL JUSTIFICATION DATA

Remarks and/or Preparer Notes for Standard Facilities

List additional Supporting Facilities in Tab A's Description of Proposed Construction text paragraph, if appropriate.

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TAB E - FURNISHINGS AND EQUIPMENT

Furnishings and Equipment

Item Description	Total Proc Cost Appr Proc (\$000) FY Appr	Est Delivery Date	Proc Status	Est Instl	
				Cost Instl (\$000) FY	Instl Appr
1 Furniture Footnote: Source of furniture pricing data is the Center of Standardization for this facility type	16 2017 OMA				
2 Targetry Footnote: Source of furniture pricing data is the Center of Standardization for this facility type	632 2017 OPA				

Information Systems Equipment

Item Description	Total Proc Cost Appr Proc (\$000) FY Appr	Est Delivery Date	Proc Status	Est Instl	
				Cost Instl (\$000) FY	Instl Appr
1 Info Sys - ISC	0 2017 OPA				
2 Info Sys - PROP	0 2017				

Totals by Appropriation Type (\$000)
Total OMA/OMN/3400/OM DHP: 16
Installed Equipment - Other Appropriations: 632
Total Related Furniture & Equipment Amount: 648