

FAC 1611 HARBOR CONTROL FACILITY

FY22 SUC: \$1,302.16 / EA
Source: Inflated from previous FY using ENR labor and material cost indices to measure actual inflation
Original Source: Composite of multiple FACS

FAC 1611 Harbor Control Facility V13 Sustainment Unit Cost

References:

FSM FMM FOM Version 12, Common References Tables, 4-09-10

Real Property Classification System Version 2010-2

UFC 2-000-05N Facilities Planning Criteria for Navy/Marine Corps Shore Installations

UM= Each

SUSTAINMENT UNIT COST = \$923.74

Cost Methodology

This SUC was determined using a combination of two other FACs (FAC 2134 Marine Maintenance Facility and FAC 8526 Misc. Paved Area) and preventive maintenance and inspection tasks for Navy CATCODE 16120, Fixed Net Anchorage. A weighted average of the annual maintenance and repair of the three categories of facilities in this FAC based on FAD inventories determined the SUC. The attached embedded spreadsheet shows each cost element.

Fixed Net Anchorage (Navy CATCODE 16120):

Annual Inspection (includes divers):

4 hours per facility:

1 GS-13 (9) Hourly Rate: Basic Rate 43.65/hour x 1.325 (fringe) x 1.12 (overhead) = \$64.78

1 GS-12 (9) Hourly Rate: Basic Rate 36.70/hour x 1.325 (fringe) x 1.12 (overhead) = \$54.46

3 WG9 (5) Hourly Rate: Basic Rate \$28.02/hour x 1.325 (fringe) x 1.12 (overhead) = \$124.74

1 WG7 (5) Hourly Rate: Basic Rate \$24.07/hour x 1.325 (fringe) x 1.12 (overhead) = \$36.61

Total/Hour = \$280.59

1 Pickup Truck/Motor launch = \$1.70/Hour

Total Cost per hour = \$282.29

Total Cost per inspection = \$1129.16

Annual Preventive Maintenance consisting of servicing fastening devices, corrosion control, debris control.

Details:

4 hours per PM Service:

1 WG9 (5) Hourly Rate: Basic Rate \$28.02/hour x 1.325 (fringe) x 1.12 (overhead) = \$41.58

3 WG7 (5) Hourly Rate: Basic Rate \$24.07/hour x 1.325 (fringe) x 1.12 (overhead) = \$109.83

Total/Hour = \$151.41

1 Pickup Truck/Small Boat = \$1.70/Hour

Total Cost per hour = \$153.11

Cost per PM Service = \$612.44

Total Annual Maintenance and Repair for Fixed Net Anchorage = \$1129.16+\$612.44 = \$1741.60

Winch House: Use FAC 2134, Marine Maintenance Support Facility @ 400 SF

Harbor Entrance Control Facility: Use FAC 8526 Misc. Paved Area @ 560 SY

FAC 1611 Harbor Control Facility

FAC composition	Quantity	Assumed Size	UM	Surrogate FAC	Surrogate FAC Description	Surrogate FAC SUC	Unit Annual Sustainment	Total Annual Sustainment Contribution
Harbor Entrance Control Facility	7	560 SY	UM	8526	Misc. Paved Area	\$1.49	\$834.40	104.30
Winch House	46	400 SF	400 SF	2134	Marine Maintenance Support Facility	\$2.21	\$884.00	726.14
Fixed Net Anchorage	3	N/A	N/A	N/A	N/A	N/A	\$1,741.60	93.30
Total	56						\$3,460.00	\$923.74
						SUC=	\$923.74	