

FAC 1221 MARINE FUELING FACILITY

FY22 SUC: \$946.14 / OL
 Source: Inflated from previous FY using ENR labor and material cost indices to measure
 Original Source: actual inflation 2018 DLA Study of Fuel Facilities

MLA = Marine Loading Arm
 API = American Petroleum Institute
 RMMR = Recurring Maintenance and Minor Repair program

Design Life and Representative Size	35	Years	5	OL	
Component	Frequency	Estimated Cost per Occurrence	Occurrences in design life	Occurrences rounded	Design Life Cost
Outlets					
Recoating MLA (Weighting Factor of 0.167)	20	\$ 214,906.12	1.8	1.0	\$ 35,979.76
Pipeline					
API 570 Inspection (200 LF @ \$17.96)	10	\$ 3,592.00	3.5	3.0	\$ 10,776.00
Recoating (200 LF@26.99)	10	\$ 5,398.00	3.5	3.0	\$ 16,194.00
Cathodic Protection	1	\$ 54.00	35.0	35.0	\$ 1,890.00
Additional Costs					
Planning Studies I & II	1	\$ 1,169.55	35.0	35.0	\$ 40,934.25
SIOH	1	\$ 820.38	35.0	35.0	\$ 28,713.30
RMMR	1	\$ 160.00	35.0	35.0	\$ 5,600.00
Operator Maintenance	1	\$ 154.66	35.0	35.0	\$ 5,413.10
Total					\$ 145,500
Annual SUC Per UM					\$ 831.43