

FAC 4111 Bulk Liquid Fuel Storage

FY25 SUC: \$4.11 / BL

Source: Inflated from previous FY using ENR labor and material cost indices to measure actual inflation

Original Source: 2018 DLA Study of Fuel Facilities

FAC 4111 Bulk Liquid Fuel Storage					
SUC Model for Tanks ≤ 1,190.5 Barrels					
Design Life	40	Years			
Representative Size	395.24	BL			
Component	Frequency	Estimated Cost per Occurrence	Occurrences in Design Life	Occurrences Rounded	Design Life Cost
Inspection Cost Total	10	\$ 27,236.23	4.0	4.0	\$ 108,944.92
Repair Cost Total	20	\$ 132,855.88	2.0	2.0	\$ 265,711.76
Pre-Post Cost Total	20	\$ 3,975.72	2.0	2.0	\$ 7,951.44
RMMR	1	\$ 106.00	40.0	40.0	\$ 4,240.00
SIOH	1	\$ 83.00	40.0	40.0	\$ 3,320.00
Cathodic Protection	1	\$ 1.26	40.0	40.0	\$ 50.40
Operator Maintenance	1	\$ 7,908.29	40.0	40.0	\$ 316,331.60
Total					\$ 706,550.12
Per Year					\$ 17,663.75
Annual SUC Per UM					\$ 44.82

FAC 4111 Bulk Liquid Fuel Storage					
SUC Model for Tanks > 1,190.5 Barrels					
Design Life	40	Years			
Representative Size	35,714	BL			
Component	Frequency	Estimated Cost per Occurrence	Occurrences in Design Life	Occurrences Rounded	Design Life Cost
Exterior Inspection Cost Total	5	\$ 15,192.19	8.0	8.0	\$ 121,537.55

Internal Inspection Cost Total	10	\$ 87,987.54	4.0	4.0	\$ 351,950.17
Internal Tank Repair Totals	10	\$ 442,998.40	4.0	4.0	\$ 1,771,993.60
External Tank Repair Totals	5	\$ 127,183.62	8.0	8.0	\$ 1,017,468.95
Pre-Post Cost Total	10	\$ 65,578.80	4.0	4.0	\$ 262,315.21
RMMR	1	\$ 9,615.00	40.0	40.0	\$ 384,600.00
SIOH	1	\$ 178.57	40.0	40.0	\$ 7,142.86
Cathodic Protection	1	\$ 113.85	40.0	40.0	\$ 4,554.00
Operator Maintenance	1	\$ 7,908.29	40.0	40.0	\$ 316,331.60
Total					\$ 4,237,893.94
Per Year					\$ 105,947.35
Annual SUC Per UM					\$ 3.10