

FAC 4111 BULK LIQUID FUEL STORAGE

SUC FY22: \$51.01 BL (for Tanks \leq 1,190.5 BLs)
 \$3.52 BL (for Tanks $>$ 1,190.5 BLs)

Source: Inflated from FY21 (v23) using ENR labor and material cost indices to measure actual inflation.

Original Source: DLA 2018 Study of Fuel Facilities.

FAC 4111 Bulk Liquid Fuel Storage					
SUC Model for Tanks \leq 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