

## FAC 1782 ENGINEER QUALIFICATION RANGE

SUC FY22: \$1,734.47 FP

Source: RS Means CostWorks Data, 2021 Quarter 3 Release Update.

Calculation shown below:

FAC	1782	Engineer Qualification Range	UM =	FP	ESL =	25	Source	RS Means Costworks 2021 Q3 Update	
Reference	Component	Unit Price	Units	Conversion	Frequency	Occurrences in ESL	Extended Price in ESL		
	FP for EQR= 2 SATs / 9 SITS								
A10331100010	SIT Emplacement (4 SF concrete repair), 9 per FP	\$48.09	SF	36	SF per FP	15	\$ 1,731.24	FP	
D50132200020	Maintenance and inspection switchgear, less than 600 V	\$50.76	EA	9	EA per FP	3	\$ 3,655.06	FP	
D50231301020	Breaker, 2 pole, 480 V, Maint/Inspect	\$40.40	EA	9	EA per FP	4	\$ 2,181.60	FP	
A10331100010	SAT Emplacement (7 SF concrete repair), 2 per FP	\$48.09	SF	14	SF per FP	15	\$ 673.26	FP	
A10331100010	MIT Emplacement 15 M (12.5 SF Concrete repair)	\$48.09	SF	80.7	SF per FP	15	\$ 3,880.86	FP	
D50231301020	Breaker, 2 pole, 480 V, Maint/Inspect	\$40.40	EA	2	EA per FP	4	\$ 484.80	FP	
D50231500010	Maintenance of receptacles, 5 per SAT / 4 per MAT, MIT, SIT	\$52.83	EA	55	EA per FP	20	\$ 2,905.65	FP	
D50231280010	Replace branch wiring, 600 V	\$1,437.67	MLF	1.753	MLF per FP	20	\$ 2,520.24	FP	
312216100200	Trail Grading, Fine Grading for Roadways, Base Course, 1,435 SY	\$0.68	SY	1435	SY per FP	5	\$ 4,879.00	FP	
311413230400	Total Berm, 6,552 M x 2 M x 1 M = 17,139 CY / Backfill & compaction	\$1.05	CY	1214.0	CY per FP	5	\$ 6,373.50	FP	
321123230370	Bank run gravel, Spread, 6 IN deep	\$8.70	SY	431.0	SY per FP	10	\$ 7,499.40	FP	
333413130015	Target Bunker (Precast Septic Tank, 1,000 GA)	\$1,500.00	EA	2	EA per FP	10	\$ 6,000.00	FP	
A10331100010	Blast Wall 100 M (12 SF of concrete repair)	\$48.09	SF	12	SF per FP	15	\$ 577.08	FP	
						Total Thru ESL	\$ 43,361.69	FP	
						Annualized	\$ 1,734.47	FP	