

FAC 1782 ENGINEER QUALIFICATION RANGE

FY24 SUC:	\$1,965.35 / FP
Source:	Composite of other FACs and R.S. Means CostWorks 2023 Qtr 4 cost data

FAC		1782	Engineer Qualification Range		UM =	FP	ESL =	25	Source	RS Means Costworks 2017Q3 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		\$43.30	SF	36	SF per FP	15	1		\$	1,558.80	FP
D50132200020	Maintenance and inspection switchgear, less than 600 V		\$45.72	EA	9	EA per FP	3	8		\$	3,291.84	FP
D50231301020	Breaker, 2 pole, 480 v, Maint/Inspect		\$36.37	EA	9	EA per FP	4	6		\$	1,963.98	FP
A10331100010	SAT Emplacement (7 SF concrete repair) 2 per FP		\$43.30	SF	14	SF per FP	15	1		\$	606.20	FP
A10331100010	MIT Emplacement 15M (12.5 SF Concrete repair)		\$43.30	SF	80.7	SF per FP	15	1		\$	3,494.31	FP
D50231301020	Breaker, 2 pole, 480 v, Maint/Inspect		\$36.37	EA	2	EA per FP	4	6		\$	436.44	FP
D50231500010	Maintenance of receptacles, 5 per SAT / 4 per MAT, MIT, SIT		\$48.78	EA	55	EA per FP	20	1		\$	2,682.90	FP
D50231280010	Replace branch wiring 600 V		\$1,215.49	MLF	1.753	MLF per FP	20	1		\$	2,130.75	FP
312216100200	Trail Grading, Fine Grading for Roadways, Base Course 1435 sy		\$0.54	SY	1435	SY per FP	5	5		\$	3,874.50	FP
311413230400	Total Berm, 6552m x 2m x 1m = 17139 cu yds / Backfill & compaction		\$0.95	CY	1713.9	CY per FP	5	5		\$	8,141.03	FP
321123230370	Bank run gravel, Spread, 6" deep		\$4.91	SY	431.0	SY per FP	10	2		\$	4,232.42	FP
333613130015	Machine gun bunker (48" x 48" reinforced Concrete. 4' deep) 2 per FP		\$1,525.00	EA	2	EA per FP	10	2		\$	6,100.00	FP
A10331100010	Blast Wall 100M (12 sf of concrete repair)		\$43.30	SF	12	SF per FP	15	1		\$	519.60	FP
							Total Thru ESL			\$	39,032.77	FP
							Annualized			\$	1,561.31	FP