

ELECTRICAL CONSTRUCTION COST ESTIMATE

SHEET NO: 1



BASIS FOR ESTIMATE
 CODE A (NO DESIGN COMPLETED)
 CODE B (PRELIMINARY DESIGN)
 X CODE C (FINAL DESIGN)
 OTHER (SPECIFY)

PROJECT: NO: 201-122
 Holgerson Well Genset, Rev 1
 CLIENT: Clallam Co. PUD

ESTIMATOR: JEA/KJ
 DATE: 1/4/21
 LABOR RATE: \$95

SUMMARY:	QUANTITY		MATERIAL		LABOR			TOTAL COST
	NO. UNITS	UNIT MEAS.	PER UNIT	TOTAL	UNIT HOURS	MAN HOURS	TOTAL	
MOBILIZATION								\$2,000
TEMP FACILITIES/ FENCING, ECT.								\$1,500
DISCOVERY								\$800
PERMITTING (2%)								\$2,525
BOND (2.5%)								\$3,050
DEMOLITION, MISC								\$750
STRUCTURAL								
EQUIPMENT PADS	2	EA	\$1,600	\$3,200	40	80	\$7,600	\$10,800
BOLLARDS	12	EA	\$295	\$3,540	4	48	\$4,560	\$8,100
MECHANICAL								
LP FUEL TANK, 500 GAL, ABOVE GRADE	1	EA	\$1,900	\$1,900	22	22	\$2,090	\$3,990
LP PIPING	1	LOT	\$600	\$600	16	16	\$1,520	\$2,120
ELECTRICAL								
OUTDOOR GENSET, 70KW	1	EA	\$26,500	\$26,500	90	90	\$8,550	\$35,050
2-1/2" RIGID PVC SCHED 80	70	LF	\$11	\$770	0.18	12.6	\$1,197	\$1,967
1" RIGID PVC SCHED 80	180	LF	\$5	\$900	0.12	21.6	\$2,052	\$2,952
2-1/2" ELBOWS PVC SCHED 80	3	EA	\$35	\$105	0.7	2.1	\$200	\$305
1" ELBOWS PVC SCHED 80	7	EA	\$16	\$112	0.6	4.2	\$399	\$511
#1/0 XHHW	300	LF	\$5	\$1,500	0.04	12	\$1,140	\$2,640
#10 XHHW WIRE	300	LF	\$0.50	\$150	0.015	4.5	\$428	\$578
#12 XHHW WIRE	700	LF	\$0.44	\$308	0.013	9.1	\$865	\$1,173
#3/0 XHHW WIRE	30	LF	\$6	\$180	0.045	1.35	\$128	\$308
#4 XHHW WIRE	70	LF	\$0.35	\$25	0.01	0.7	\$67	\$91
BARE #2/0 GROUND WIRE	25	LF	\$5	\$125	0.045	1.125	\$107	\$232
BARE #2 GROUND WIRE	50	LF	\$2.50	\$125	0.02	1	\$95	\$220
GROUND RODS, 3/4" X 10'	3	EA	\$150.00	\$450	0.5	1.5	\$143	\$593
TRANSFER SWITCH, DPDT MANUAL	1	EA	\$2,200.00	\$2,200	8	8	\$760	\$2,960
MISC: SUPPORTS/PULL BOXES, ETC	1	LOT	\$600	\$600	8	8	\$760	\$1,360
MANUFACTURER STARTUP/COMM/TRNG	1	LOT	\$3,500	\$3,500	4	4	\$380	\$3,880
TRENCHING, COMPACTION, BACKFILL & SURFACE REPAIR	1	LOT	\$650	\$650	36	36	\$3,420	\$4,070
Please Note, this does not include the Add Alternates: for ATS add \$3500, For custom enclosure, add \$48,000								
SUBTOTALS				\$47,440		384	\$36,459	\$94,523
MISCELLANEOUS						(17)%		\$16,069
CONTRACTOR OVERHEAD			(5)%			(15.5)%		\$17,142
TOTAL								\$127,734