

Skagway RV Park Electrical System Construction Cost Estimate - Phase 1

2/16/2018

DESCRIPTION	MATERIALS & EXPENSES				LABOR				COST		
	QTY	UNITS	COST (EACH)	COST	QTY	UNITS	RATE	COST	MATERIAL SUBTOT	LABOR SUBTOT	TOTAL
Phase 1 - Perimeter Site Const.											
1.01 Single Unit 20/30 A Pedestals	30	ea	\$369.00	\$11,070	30	ea	\$100.00	\$3,000	\$11,070	\$3,000	\$14,070
1.02 Back to back 20/30 Pedestals				\$0				\$0	\$0	\$0	\$0
1.03 2.5 in. PVC (80)	2775	LF	\$4.00	\$11,100	2775		\$9.50	\$26,363	\$11,100	\$26,363	\$37,463
1.04 2.5 in. PVC Ells	128	ea	\$8.00	\$1,024	128	ea	\$37.00	\$4,736	\$1,024	\$4,736	\$5,760
1.05 2.5 in. PVC Fittings (misc)	1	LS	\$1,000.00	\$1,000	1	LS	\$1,000.00	\$1,000	\$1,000	\$1,000	\$2,000
1.06 350 Al XHHW Conductors	6950	LF	\$2.25	\$15,638	6950	LF	\$1.86	\$12,927	\$15,638	\$12,927	\$28,565
1.07 Ground Conductors #6 Copper	2300	LF	\$1.00	\$2,300				\$1	\$2,300	\$1	\$2,301
1.08 TV Cable		LF		\$0				\$0	\$0	\$0	\$0
1.09 Trenching and backfill	1550	LF	\$6.00	\$9,300				\$0	\$9,300	\$0	\$9,300
1.10 Wiring terminations	120	ea	\$40.00	\$4,800	120	ea	\$50.00	\$6,000	\$4,800	\$6,000	\$10,800
1.11 Concrete Pads (1.3 CF)	0	ea	\$0.00	\$0	0	hrs	\$0.00	\$0	\$0	\$0	\$0
1.12 Service Entrance	2	ea	\$2,100.00	\$4,200	2	ea	\$2,000.00	\$4,000	\$4,200	\$4,000	\$8,200
1.13 Distribution Panel	2	ea	\$1,000.00	\$2,000	2	ea	\$800.00	\$1,600	\$2,000	\$1,600	\$3,600
1.14 Misc Hardware	1	LS	\$1,000.00	\$1,000				\$0	\$1,000	\$0	\$1,000
1.15 Perdiem (Lodging & Food -Days)	3	Day	\$1,200.00	\$3,600				\$0	\$3,600	\$0	\$3,600
Contractor overhead and contingency	1	LS	\$10,000.00	\$10,000				\$0	\$10,000	\$0	\$10,000
Subtotal				\$77,032				\$59,627	\$77,032	\$59,627	\$136,658
Markup OH&P			30.0%	\$23,109			30.0%	\$17,888			\$40,997
PHASE 1 - TOTAL COST				\$100,141				\$77,514			\$177,655

Skagway RV Park Electrical System Construction Cost Estimate - Phase 1 Direct Burial Cable

2/19/2018

DESCRIPTION	MATERIALS & EXPENSES				LABOR				COST		
	QTY	UNITS	COST (EACH)	COST	QTY	UNITS	RATE	COST	MATERIAL SUBTOT	LABOR SUBTOT	TOTAL
Phase 1 - Perimeter Site Const.											
1.01 Single Unit 20/30 A Pedestals	30	ea	\$369.00	\$11,070	30	ea	\$100.00	\$3,000	\$11,070	\$3,000	\$14,070
1.02 Back to back 20/30 Pedestals				\$0				\$0	\$0	\$0	\$0
1.03 2.5 in. PVC (80)	0	LF	\$4.00	\$0	0		\$9.50	\$0	\$0	\$0	\$0
1.04 2.5 in. PVC Ells	0	ea	\$8.00	\$0	0	ea	\$37.00	\$0	\$0	\$0	\$0
1.05 2.5 in. PVC Fittings (misc)	0	LS	\$1,000.00	\$0	0	LS	\$1,000.00	\$0	\$0	\$0	\$0
1.06 350 Al XHHW Armored Cable w/ Ground	2300	LF	\$12.30	\$28,290	2300	LF	\$4.50	\$10,350	\$28,290	\$10,350	\$38,640
1.07 Ground Conductors #6 Copper	0	LF	\$0.00	\$0	0				\$0	\$0	\$0
1.08 TV Cable		LF		\$0				\$0	\$0	\$0	\$0
1.09 Trenching and backfill	1550	LF	\$6.00	\$9,300				\$0	\$9,300	\$0	\$9,300
1.10 Wiring terminations	120	ea	\$40.00	\$4,800	120	ea	\$50.00	\$6,000	\$4,800	\$6,000	\$10,800
1.11 Concrete Pads (1.3 CF)	0	ea	\$0.00	\$0	0	hrs	\$0.00	\$0	\$0	\$0	\$0
1.12 Service Entrance	2	ea	\$2,100.00	\$4,200	2	ea	\$2,000.00	\$4,000	\$4,200	\$4,000	\$8,200
1.13 Distribution Panel	2	ea	\$1,000.00	\$2,000	2	ea	\$800.00	\$1,600	\$2,000	\$1,600	\$3,600
1.14 Misc Hardware	1	LS	\$1,000.00	\$1,000				\$0	\$1,000	\$0	\$1,000
1.15 Perdiem (Lodging & Food -Days)	3	Day	\$1,200.00	\$3,600				\$0	\$3,600	\$0	\$3,600
Contractor overhead and contingency	1	LS	\$10,000.00	\$10,000				\$0	\$10,000	\$0	\$10,000
Subtotal				\$74,260				\$24,950	\$74,260	\$24,950	\$99,210
Markup OH&P			30.0%	\$22,278			30.0%	\$7,485			\$29,763
PHASE 1 - TOTAL COST				\$96,538				\$32,435			\$128,973