

Electrical supplies for Acacia Lodge 16

ITEM	UNIT COST	QTY	COST	REMARKS
Wire NMB # 12			To be donated	Used for 20 amp branch circuits, normally for receptacles, less lighting.
Wire NMB # 14			To be donated	Used for 15 amp branch circuits, normally for lighting branch circuits.
Wire # 6	\$1.74 per foot	30 feet (estimated) for connecting two ranges and 10 feet (estimated) for water heater – 40 feet total.	\$69.60	Copper, two conductors with ground. For cooking ranges and for 50 amp instant water heater.
Wire 4/0 USE	\$2.46 per foot	45 feet (estimated) for an overhead service, to include the “Service Entrance” run from the bottom of the meter base, under the building and to the inside panel box. Length from the top of the meter base to the weather head, plus 3 feet extra for NOVEC to connect to, is estimated to be 20 feet.	\$110.70	Aluminum, two conductors with ground. For 200 amp service.
Weather head for 4/0 cable	\$8.09	Need one	\$8.09	Need for an “over head” service versus underground service.
Rain tight collar on top of meter base for 4/0 cable	\$9.83	Need one	\$9.83	
Wire UF # 12	About \$90.00 per 250 foot roll	One roll	\$90.00	Suitable for underground burial. Recommended for runs under floor Joyce where subject to moisture or

				water.
Track light	\$40.00 to \$125.00		\$80.00 est	We can look at "Lamp Plus" catalog on the internet.
Sconce light	\$75.00 to \$340.00 average cost is about \$120.00	Will need at least 4	\$480.00	We can look at "Lamp Plus" catalog on the internet.
Bathroom light with fan	\$70.00 to \$235.00. Average is \$140.	Will need two	\$280.00	We can look at "Lamp Plus" catalog on the internet.
Bathroom exhaust fan only	\$ 70.00 to \$185.00. Average is \$120.00	Will need two	\$240.00	We can look at "Lamp Plus" catalog on the internet.
Bathroom wall heater	\$ 150.00 average	Will need 2	\$300.00	One Source is TPI Corp. Model TPI E4315TRPW, Fan Forced air, 120 V Bath heater, 70 CFI. See internet for more models. Another model is ceiling mounted from iap-Home.com
High pressure sodium 400 W surface mounted light with photo cell	\$185.00	Possibly 2	\$370.00	Outside lights for parking lot and handicap ramp. One source is Capital Lighting, 703 361-6028.
Recessed ceiling light with trim kit	\$26.00 plus \$1.22 for each bulb or \$27.22	Will need about 21 on first floor plus bulbs (\$1.22 each for the standard 65 W BR 30). Fixture also handles a 75 W, and 150 W bulbs, either halogen or standard. Second floor Qty is TBD.	\$571.62	Quantity based on spacing 5 feet apart, vertically and horizontally (my estimate). Source is Capital Lighting, see above.
200 Amp panel box			To be donated but we may need to buy some breakers. Estimated \$50.00 for	

			breakers.	
20 amp receptacles, standard and GFCI		About \$12.00 each for GFCI 20 Amp rated. Estimated Qty of 4.	\$48.00	Will need one GFCI for each bathroom and two for the cooking area.
50 amp receptacles		\$7.00 each (estimated). Will need two if we have two ovens.	\$14.00	For stoves
Switches		Qty needed TBD	To be donated	
Switch boxes		Qty needed TBD	To be donated	
Switch and receptacle covers		Qty needed TBD	To be donated	
List to be continued.			Total so far is \$2,721.84	