

Materials	Quantity	Price per Unit	Total
Fixture	5	\$1,249.99	\$6,249.95
Sonotube	5	\$16.77	\$83.85
Concrete	30	\$5.98	\$179.40
Crushed Stone	5	\$5.98	\$29.90
Auger	1	\$400.00	\$400.00
Disposal Fee	1	\$275.00	\$275.00
1/2" PVC	5	\$6.34	\$31.70
Spot Lights	2	\$148.46	\$296.92
1/2" Fittings	1	\$125.00	\$125.00
Anchors	20	\$2.98	\$59.60
Subtotal			\$7,731.32
Labor			\$1,920
Total w/ Tax			\$10,496
Not to Exceed			\$13,000



Scope of Work: Lighting locations will be marked prior to installation for the HOA BOD to approve. Once approved, 16" post holes will be dug to a minimum depth of 42" to avoid frost damage. Drainage rock will be placed in the bottoms of each hole and tamped uniformly. 12" sonotubes will be placed in each hole, and the hole will be back filled. Fill will be tamped every 6" of lift to eliminate air pockets and settling in the future. High strength concrete will be poured to grade in each sonotube and leveled off. After curing, the new lighting fixtures will be installed via 3" 3/8" concrete anchors. The fixture lighting duration can be set to three different modes. The HOA BOD will determine which mode is appropriate

-Illumination settings include dimming, a motion sensor, and/or timer.

Option one: On at full power for 5 hours, 30% power for 5 hours, full power for night remainder.

Option two: On at full power for 4 hours, motion sensor for remainder of the night. Motion sensor period dims the light to 30% power, and switches to 100% when motion is detected.

Option three: On at full power for 3 hours, 7 hours of motion sensor, then 4 hours at full power.

Option four: Motion sensor all night. Motion sensor dims the light to 30% power, and switches to 100% when motion is detected.

Fixture is 14W 1800 Lumen Output

New LED spot lights will be installed on each corner of the pool shelter to ensure complete coverage of the work area. Each spot light will be hardwired to the existing electric, and be controlled by a timer.

Timer can be set dusk-to-dawn, or for any custom amount of time. The spot lights will match the lumen output and the temperature of the post lights for uniformity. The supply l for the spotlights will be ran in 1/2 schedule 40 pvc. PVC can be painted to match background upon request.

All work will conform to current NEC standards and will be inspected at the completion of the rough in as well as the finish

*The purpose of the lights is to illuminate potential walking areas as well as gradient change for individuals leaving the shelter area after dark. It is NOT intended to illuminate the court area for use after dark.