

SOUTH HAYWARD PARKING LOT LED RETROFIT PROJECT

BART TOTAL PROJECT COST ESTIMATE

Project Title: South Hayward Parking Lot LED Retrofit

Work Scope: Construction Costs (Labor & Materials)
Engineering Costs (Design & Support)

Item	Materials	Qty	Price	Total
1	Light Fixtures - LED Streetlight Fixture	100	\$520.00	\$52,000.00
2	Light Fixtures - Post-top LED Light Fixture	6	\$470.00	\$2,820.00
3	Galvanized Steel Poles & Concrete Foundations	2	\$10,000.00	\$20,000.00
	Total Materials			\$74,820.00
	Equipment	Hours	Rate	Total
4	60 ft Hydraulic Boom Type Personnel Lift	288	\$40.00	\$11,520.00
	Total Equipment			\$11,520.00
	Labor	Hours*	Rate	Total
5	BART Maintenance - Electricians	384	\$104.00	\$39,936.00
6	Engineering & Construction Management	392	\$115.00	\$45,080.00
7	Consultant Services - Energy Consultant			\$4,200.00
	Total Labor			\$89,216.00
	TOTAL ESTIMATE (Items 1 through 7 inclusive)			\$175,556.00

*The estimated hours are based on:

- (X) Engineer's estimate of level of support and labor categories necessary to perform the scope of services.
- (X) Historical actuals and experience from same or similar scope of services.
- () Other (explain)