



**ELECTRICAL ENGINEERS
ELECTRICAL CONTRACTORS**

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PROJECT: 41 Street Palm Tree LIGHTING
Palm Lighting wrapping

EC13001534
3/19/2019
Revision. 12/6/2019

item	Description	Unit	Qty	Unit Price	Total
Initial Installation					
1	Wrap around palm trees using "LED Expandable Year Round LED lights". (not rope lights). Esitimated number of palm trees is 251. Each Tree takes 17 sets of cords.	LABOR (HR)	2465	\$ 45.00	\$ 110,925.00
		Police (HR)	210	\$ 60.00	\$ 12,600.00
		MATL (LS)	4267	\$ 41.00	\$ 174,947.00
		TAX on material only (7%)			\$ 12,246.29
		MARKUP on material only (10%)			\$ 17,494.70
			subtotal:	\$ 328,212.99	
Power Requirement					
2	Provide GFCI receptacles at each pole.	LABOR (HR)	544	\$ 45.00	\$ 24,480.00
		Police (HR)	272	\$ 60.00	\$ 16,320.00
		MATL (LS)	68	\$ 147.00	\$ 9,996.00
		TAX on material only (7%)			\$ 699.72
		MARKUP on material only (10%)			\$ 999.60
			subtotal:	\$ 52,495.32	
Monthly Patrol and Maintenance					
2	Maintenance. Provide monthly maintenance to GFIs	LABOR (HR)	40	\$ 45.00	\$ 1,800.00
		MATL (LS)	1	\$ 100.00	\$ 100.00
		TAX on material only (7%)			\$ 7.00
		MARKUP on material only (10%)			\$ 10.00
			Monthly Cost:	\$ 1,917.00	
			Yearly maintenance :	\$ 23,004.00	

TOTAL:	\$ 403,712.31
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Warranty.

1 Year Manufacturer Warranty on lights. Manufactures do not offer more than 1 year on these lights.

NOTE:

LS-LUMP SUM EA-EACH

Replacement of lights at each palm tree after warranty has expired will be at a cost of \$1,230.00.

Rafael Echarri