



CITY OF EAST PROVIDENCE

BID SHEET

STREET LIGHT CONVERSION AND MAINTENANCE

REQUEST FOR PROPOSAL

EP20/21-16

BID OPENING FRIDAY, JUNE 18, 2021 AT 11:00 AM

City of East Providence - Page 3 of 7

Decorative Streetlight Conversion
Please Complete All Sections

Price Proposal For

Summary Table for Decorative Streetlight Pricing		
Location	Subject	Qty
Tabel 7	Base Bid, Extended Price, Total Sum	\$0.00
Table 8	Base Bid, Proposed Wattage Recuction	5,980
Table 8	Total kWh Reduction	24,967

Option 1 - Replacement								
Table 3: Base Bid: Pricing for Decorative Streetlights, Installed: Proposed New LED Luminaires (including In-Line Fuses)								
*Do NOT adjust for potential dimming schedules.								
**Run Hours defined as Dusk to Dawn (4,175 hours).								
Existing LED Luminaires: Decorative Streetlights						Proposed LED Luminaires		
Item No.	Existing Fixture	Estimated Total Qty.	Rated Wattage (W) of Existing Fixture	Total Wattage (W)	Total Annual Usage (kWh) of Existing Fixture**	Type of Fixture Proposed (Description) <small>Please include proposed S-05 wattage bin in your description.</small>	Proposed Manufacturer	Proposed Model #
1	100W HPS Post	42	130	5,460	22,796			
2	50W HPS Post	8	65	520	2,171			
-	Total Sum	50	N/A	5,980	24,967	N/A	N/A	N/A

Table 3.1: Total kWh Reduction Calculation

Dusk to Dawn Operations	4,175	hrs
Total Actual Wattage Reduction (Total W - Total Proposed W)	5,980	W
Total kWh Reduction (Total kWh - Total Proposed kWh)	24,967	kWh

Option 2 - Retrofit

Table 4: Base Bid: Pricing for Decorative Streetlights, Installed: Proposed Retrofit kits (including In-Line Fuses)

***Do NOT adjust for potential dimming schedules.**

****Run Hours defined as Dusk to Dawn (4,175 hours).**

Existing LED Luminaires: Decorative Streetlights						Proposed LED Luminaires		
Item No.	Existing Fixture	Estimated Total Qty.	Rated Wattage (W) of Existing Fixture	Total Wattage (W)	Total Annual Usage (kWh) of Existing Fixture**	Type of Fixture Proposed (Description) Please include proposed S-05 wattage bin in your description.	Proposed Manufacturer	Proposed Model #
3	100W HPS Post	42	130	22,796	95171			
4	50W HPS Post	8	65	2,171	9064			
-	Total Sum	50	N/A	24967	104235	N/A	N/A	N/A

Table 4.1: Total kWh Reduction Calculation

Dusk to Dawn Operations	4,175	hrs
Total Actual Wattage Reduction (Total W - Total Proposed W)	24,967	W
Total kWh Reduction (Total kWh - Total Proposed kWh)	104,235	kWh

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res: Decorative Streetlights				
Rated Wattage (W) of Proposed Fixture*	Total Wattage (W) of Proposed System	Total Annual Usage (kWh) of Proposed Fixtures**	Unit Price	Extended Price
	0	0		0.00
	0	0		0.00
N/A	0	0	N/A	\$0.00

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res: Decorative Streetlights

Rated Wattage (W) of Proposed Fixture*	Total Wattage (W) of Proposed System	Total Annual Usage (kWh) of Proposed Fixtures**	Unit Price	Extended Price
	0	0		0.00
	0	0		0.00
N/A	0	0	N/A	\$0.00