



Request for Council Action

TO: Mayor and City Council
THROUGH: Tim Murray, City Administrator
FROM: Travis Block, Public Works Director
MEETING DATE: January 26, 2021
SUBJECT: Accept Quote for Replacement UV Bulbs at Water Reclamation Facility

Background:

The 2021 budget has funds allocated for the purchase of replacement bulbs for the ultraviolet (UV) disinfection system at the Water Reclamation Facility (WRF). The bulbs are used to treat wastewater by disinfection between April 1st and November 1st annually, per the discharge permit with the Minnesota Pollution Control Agency (MPCA).

The bulbs have exceeded their useful life and are in need of replacement. Staff has obtained a quote for bulbs and related equipment from Great Northern Environmental, Oakdale, MN for \$22,777.89. The quote is for factory authorized replacement bulbs. Previously, staff has purchased aftermarket bulbs and has found them to be inferior in performance.

Recommendation:

Accept Quote for UV Bulbs from Great Northern Environmental

Attachments:

- Quote



1300 Helmo Avenue N
Oakdale, MN 55128

QUOTE

Date	Estimate #
1/18/2021	21010000

Name / Address
Faribault, City of 208 1ST AVE NW Faribault, MN 55021

Ship To
Faribault WWTP 214 14th Street NE Faribault, MN 55021

Item	Description	Qty	Rate	Total
Trojan - 794447-ORD	Lamp, GA64T6HE Angle Base	70	199.33	13,953.10T
Trojan - 316136-004	Sleeve, Quartz UV3+ 28x25x1950 (4 pack)	16	410.00	6,560.00T
Trojan - 327027P	Fitting, Inter-Wiper Straight UV3+ (10 pack)	1	7.32	7.32T
Trojan - 327066P	Fitting, Inter-Wiper 90 Deg Elbow (10 pack)	1	11.43	11.43T
Trojan - 316144P	O-Ring, Sleeve Seal UV3+ (10 Pack)	6	1.58	9.48T
Trojan - 327122	Wiper Seal Kit, UV3+, Plastic Canister	64	25.45	1,628.80T
Trojan - 015239	Sleeve, Sensor UV3+ 25x25x1832	2	154.78	309.56T
Trojan - 015509	Sensor cable kit w/ dielectric grease and instructions (Replaces # 015406) Complete with cable & grommet	2	149.10	298.20T
			Subtotal	\$22,777.89
			Sales Tax (0.0%)	\$0.00
			Total	\$22,777.89