

AGENDA ITEM
July 6, 2021

Subject: Ultraviolet light (UV) bulb replacements

Department: Wastewater Treatment Plant

The approved 2021 Budget appropriated \$108,000.00 for Wastewater Treatment Equipment including Ultraviolet light (UV) bulb replacements.

Ray Lindsey, Belton Missouri, is the exclusive Missouri distributor of Trojan Technologies.

Vendor	Total Bid
Ray Lindsey Company, Belton Missouri,	\$10,081.80

Recommendation for Ray Lindsey Company (attached quote) for a not to exceed amount of \$11,000.00 for (24) Trojan lamps, (30) O-rings, and (48) wiper seals.

Manager's Note:

- Ray Lindsey Company is sole-source provider
- Trojan UV lamps carry 12,000 hour lifespan and
- There are 96 total lamps – For efficient treatment our Annual Maintenance plan replaces 25% (24 lamps) of the 96 UV lamps per year.. Wastewater Staff performs the lamp replacement.
- Ultraviolet light is a disinfection method for destroying disease-causing organisms in wastewater effluent. The UV light destroys the genetic material of microorganisms which prevents them from reproducing.
- The Nevada Wastewater Treatment plant last process is UV disinfection before the treated water (effluent) is discharged.



17221 Bel Ray Place
 Belton, MO 64012
 Phone: 816-388-7440
 Fax: 816-388-7434

Ray Lindsey Company

Quote

Date	6/15/2021
Quote No.	Q20153475

Name / Address
City of Nevada 110 South Ash Nevada, MO 64772

Ship To
Nevada WWTP 417-448-5138 16517 S. 1338 Rd. Nevada, MO 64772

Cust. P.O.	Est. Ship Date	Rep	Ship Via	FOB	Project/Job
TBD	6/22/2021	EMJ	BEST WAY	FACTORY	

Qty	Item Description	Unit Cost (ea)	Extended Price
24	Trojan PN# 794447-ORD LAMP	396.09	9,506.16
3	Trojan PN# 316144P SLEEVE SEALING O-RING PKG OF 10	1.92	5.76
48	Trojan PN# 327021 WIPER SEAL	10.31	494.88
1	Trojan PN# APPROX FREIGHT	75.00	75.00

	Total	\$10,081.80
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Ray Lindsey Company Terms and Conditions Apply

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