

RESOLUTION NO. 1781

A RESOLUTION OF THE CITY OF NEVADA, MISSOURI, ACCEPTING THE BID AND AUTHORIZING PAYMENT TO TROJAN TECHNOLOGIES FOR THE PURCHASE OF 24 UV LAMPS.

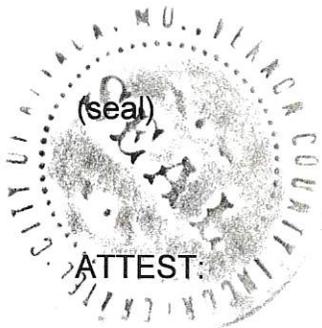
WHEREAS, the City of Nevada wishes to purchase Trojan UV lamps, and;

WHEREAS, the City has followed the procedures required by Chapter 26 of the Code of the City of Nevada, Missouri in selecting a qualified vendor to provide this product, and;

WHEREAS, a bid was received in the amount of \$11,018.41 from Trojan Technologies for the Trojan UV Lamp purchase.

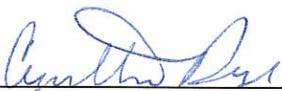
NOW, THEREFORE, BE IT RESOLVED that the City Council of the City of Nevada, Missouri, accepts the bid and the City Manager or his designee is hereby directed to execute the purchase of 24 UV Lamps from Trojan Technologies for a not-to-exceed amount of \$11,100.00.

PASSED, APPROVED AND ADOPTED, by the City Council of the City of Nevada, Missouri, this 21st day of May, 2024.





GEORGE C. KNOX, MAYOR



CYNTHIA DYE, CITY CLERK

AGENDA ITEM
May 21, 2024

Subject: Ultraviolet light (UV) bulb replacements

Department: Wastewater Treatment Plant

UV is a simple and cost-effective way to treat wastewater. A key advantage is its ability to treat microorganisms, which have the potential of contaminating local waterways.

UV lamps should be replaced once every 12 months. UV lamps have a lifespan of approximately 9,000 hours. Calculated out, this means the lamp can operate for about 375 days before requiring a replacement.

Recommendation for Trojan Technologies (attached quote) for a not to exceed the amount of \$11,100 for (24) Trojan lamps.

Manager's Note:

- The approved 2024 Budget appropriated \$12,000.00 for Wastewater Treatment Ultraviolet light (UV) bulb replacements.
- Trojan Technologies is a sole-source provider
- 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's last process is UV disinfection before the treated water (effluent) is discharged into the Marmaton River.



QUOTATION
QO0011886

TROJAN TECHNOLOGIES
3020 GORE ROAD
LONDON, ON N5V 4T7
CANADA
T. 519-457-3400
www.trojantechnologies.com

Sold to
CITY OF NEVADA
110 S Ash St
Nevada MO 64772-3117
UNITED STATES

Ship to
CITY OF NEVADA
16517 S 1338 Rd
Nevada MO 64772-3701
UNITED STATES

Customer Service Contact: tvcustomerservice@trojantechnologies.com

Payment Terms : 0% / 00 / 30 net
Delivery Terms :
Carrier/LSP :

Internal Sales Rep : Ayush Singh
Customer No. : 100004811
Reference :
Quote Date : 04-17-2024
Quote Expiry Date : 05-17-2024

ATTN: Mark Mendenhall 417-448-5118

FREIGHT ID 8536

Line	Project Item Description	Quantity	Price Discount %		Unit Net Price Net Amount	Tax Rate Tax Amount	Amount
10	794447-ORD LAMP P, GA64T6HE ANGLE BASE	24.00	451.90/	EA	451.90 10,845.60	0.00% 0.00	10,845.60
20	FREIGHT FREIGHT & HANDLING FREIGHT ID 8536	1.00	172.81/	EA	172.81 172.81	0.00% 0.00	172.81
			Goods		10,845.60	Discount	0.00
			Costs		172.81	Subtotal	11,018.41
						Tax Amount	0.00
						Total USD	11,018.41