

## **Exhibit A**

### **Bid Tabulation**

**WRF 2025 Miscellaneous Improvements****UV Disinfection Equipment Procurement****Bid Date: April 2, 2025**

	Trojan	Suez	Glasco
Cost of Goods, Services, and Tax (Base Bid)	\$633,501	\$485,780	\$436,537
Anticipated Operational and Maintenance Cost (20 year total, 5% Annual Interest Rate)	\$357,363	\$426,763	\$408,112
<b>Total Life Cycle Cost:</b>	<b>\$990,864</b>	<b>\$912,543</b>	<b>\$844,649</b>

The vendor bids are evaluated based on the evaluation criteria specified in section 00 31 00 of the bid form. The purpose of the criteria selected for evaluating the bid is to assess the experience, performance efficiency, quality, operational and maintenance ease, capital, and operating costs of the equipment. This thorough approach to selection ensures that the selected UV equipment best fits Tooele City's needs, extending beyond the capital cost. The UV Signa equipment proposed by Trojan Technologies is the most qualified, based on the evaluation matrix shown below.

**Evaluation Summary:**

Criteria	Weight	Weighted Points:		
		Trojan Points	Suez Points	Glasco Points
Experience (Form 00 31 00D)	25	25.0	20.0	18.3
Design and Performance (Form 00 31 00E)	25	23.1	20.5	16.8
Operation & Maintenance (Form 00 31 00F)	25	22.4	20.1	18.6
Cost (Form 00 310 00G)	25	20.8	23.0	25.0
<b>Total Weighted Score:</b>		<b>91.3</b>	<b>83.6</b>	<b>78.7</b>

**Experience (Form 00 31 00 D):**

Question/Criteria	Points Possible	Trojan Score	Suez Score	Glasco Score
Number of Units	25	25	20	15
Reference List	25	25	25	20
Installation List	25	25	15	20
<b>Total:</b>	<b>75</b>	<b>75</b>	<b>60</b>	<b>55</b>

**Design and Performance (Form 00 31 00 E):**

Question/Criteria	Points Possible	Trojan Score	Suez Score	Glasco Score
<b>General Criteria</b>				
Provide a performance guarantee for the proposed UV unit for operating under the design and performance criteria stated in the parts 1.07 and 1.08 of section 46 66 50.	25	20	20	25
<b>Design Criteria</b>				
Provide the total number of banks per channel required to meet the design criteria as described in Part 1.07 of specification Section 46 66 50.		20	20	16
Describe the number of redundant banks and lamps that can fit in the existing channel 2 in addition to the proposed UV configuration.	5	4	3	5
Provide the available lamp turndown range.	5	5	3	5
Provide the validated sleeve fouling derating factor used in design	10	10	10	4
Provide the UV lamp warm-up time.	15	15	9	15
Provide the channel head loss at the design flow and dosage described in part 1.07B in section 46 66 50. Provide the required weir height downstream (as measured from the bottom of the channel) of the UV system for smooth operation at design conditions.	10	8	10	10
<b>Physical Design</b>				
Provide scaled and dimensioned general arrangement drawings of the proposed UV modules and supporting equipment.	25	20	25	5
Indicate the required channel length to meet the design criteria given in Part 1.07 of Section 46 66 50.	15	15	12	9
Describe the module cleaning system.	20	20	8	8
Describe how UV banks are mounted/installed in a channel.	10	10	8	10
Describe any features used to prevent short circuiting of flow around the UV bulbs and banks.	10	10	8	8

<b>Electrical and Instrumental</b>				
Provide Process, Control, and Instrumentation diagrams. Indicate sheet number(s) of relevant information.	15	15	15	3
List the required instrumentation provided with each module. List additional instrumentation provided with the UV equipment package.	10	8	8	6
Indicate number of installations using Allen Bradley hardware (PLC, OIT, VFD) in your control panels?	5	5	5	5

**Operation & Maintenance (Form 00 31 00 F):**

Question/Criteria	Points Possible	Trojan Score	Suez Score	Glasco Score
<b>Maintenance Items</b>				
List equipment or appurtenances that can only be maintained when equipment is taken out of service?	15	15	12	9
Describe the procedure to change a lamp and sleeve.	15	15	15	12
Describe the procedure to change a ballast. At what frequency do sleeve wipers need to be replaced? (if applicable)	15	12	15	15
<b>Equipment Operation</b>				
Describe the startup and shutdown procedures or sequences for a single UV channel.	10	10	10	6
Describe the control system and strategies used to meet UV demand.	20	20	12	8
Describe safety features provided with equipment	25	25	15	15
Describe the bank lifting mechanism.	25	25	15	15

<b>Replacement of Parts</b>				
List the part or equipment with the longest fabrication and delivery time. Give approximate cost, time to fabricate and deliver.	15	9	12	15
List most common wear item, replacement interval, and cost.	15	9	16	15
<b>Factory Service</b>				
Indicate where service will be provided from for this project.	15	15	12	9
Are there any maintenance procedures that must be performed by a factory service technician? If so, list procedure.	15	15	15	15

**Cost (Form 00 310 00 G):**

Question/Criteria	Points Possible	Trojan Score	Suez Score	Glasco Score
Life Cycle Cost	200	166	184	200