

Purchase Requisition County of Webb



Department: Water Utility
 Requisitioned By: Adrian Montemayor
 Phone No.: 956-523-5593

Req. Number: E. Square
 Req. Date: May 25, 2015
 Deliver To: Environmental Improvements, Inc.

Capital Outlay (Attach Minutes)	
Court	Item #
Approval Date	

**E-Mail Standard
Purchase Requisition**

E-Mail Capital Outlay Requisition

Official's Affidavit

I hereby certify that there is an available balance in my approved budget for the current year sufficient to pay for the item(s) requested and that the items are absolutely necessary for the discharge of my official duties.

Submitting this form from Appropriate
 Official's E-Mail/Consent/Access Signature

Elected / Appointed Official's Signature

ACCOUNT NUMBER	COMMODITY CODE	ITEM DESCRIPTION	QTY.	PRICE PER UNIT	DATE NEEDED BY	PURPOSE	AMOUNT
745-3001-8801-7		Wedeco Spektron 250e system -Three Reactors	1	\$190,000.00	05/25/2015		\$190,000.00
745-3001-8801-7		Preventive Maintenance Service 6 months servcie, includes all materials and lamps.	1	\$62,650.00	05/24/2015		\$62,650.00
745-3001-8801-7		Construction and Installation	1	\$250,000.00	05/24/2015		\$250,000.00
TOTAL AMOUNT							\$502,650.00

Webb County Utilities

Scope of Services

PROJECT: Replacement of UV Disinfection Reactors, Rio Bravo Water Treatment Plant

Webb County Utilities Department are required to install enhanced treatment under the Long Term 2 Enhanced Rules and will be investing in the replacement of the existing Wedeco brand UV disinfection system.

This scope of work includes a complete turnkey installation of new UV reactors and all connections and installations required for operation and monitoring. Including maintenance and warranty for extended three year period with parts and supplies.

Scope of Work to be performed

1. Acquisition of Wedeco Spektron 250e system.

- a. Three (3) WEDECO stainless steel reactors of type Spektron 250e
- b. All required ECORAY low pressure mercury UV lamps, with high-grade quartz single-closed-end-lamp-sleeves, lamp-end/reactor-mating-flange-assemblies and lamp connector and o-ring seal kits. Lamp cable length is 39.4 feet (12 m).
- c. One (1) reactor mounted calibrated UV intensity sensor per reactor
- d. Two (2) stainless steel manual cleaning port isolation valves per reactor
- e. One (1) stainless steel sample valve port per reactor
- f. Factory assembled interconnection cabling between the UV lamps, sensors, and the control cabinet per reactor (field cabling and termination is the responsibility of the contractor)
- g. One (1) control enclosure per reactor (containing PLC, power supplies, and ballasts)
- h. Enclosures shall be Type 12 steel with air-conditioning of the ballast (max. ambient temperature <110 deg. F)
- i. Ecotouch w/dose-pacing control per reactor
- j. One (1) automatic wiping system – electrically actuated per reactor
- k. One (1) on-line transmittance monitor per system shall be provided for continuous measurement of UV transmittance.
- l. Manufacturers' services:
- m. Three (3) days, one (1) trip for installation inspection, start-up, commissioning, and operator training.
- n. Additional days as required will be made available on a per diem rate plus travel.
- o. System Warranty: Per WEDECO's General Terms of Business
- p. Process Warranty: WEDECO warrants the performance of this equipment during system warranty period to produce an effluent bacterial content according the design criteria stated. This warranty is contingent upon the equipment being operated, cleaned, and maintained strictly in accordance with WEDECO's instructions, all replacement components being purchased from WEDECO and the effluent characteristics being strictly in accordance with the design specifications.

PRICE SUMMARY:

<i>UV Configuration Option As Noted</i>	<i>PRICE</i>
3 UV reactors (2 duty, 1 standby)	\$190,000

NOTES:

1. Freight to jobsite is included in amount. Offloading and arrangement of the equipment is not included.
2. Price quoted is firm and valid for 90 days. WEDECO reserves the right to adjust price after 90 days.
3. Price is based upon the following payment terms (net 30 days):
 - a. 15% upon approved drawings
 - b. 75% upon delivery of equipment to site, unless delayed by purchaser then upon notification of ready to ship
 - c. 10% upon start-up or within six (6) months from date of delivery, whichever occurs first
4. Please make purchase orders out to:
Xylem Water Solutions USA, Inc.
14125 South Bridge Circle
Charlotte NC 28273
704-409-9700
Fax 704-409-9839
5. Submittals are available within 6 weeks after acceptance of purchase order.
6. Equipment delivery is within 10-12 weeks after approved submittals.
7. Delivery times are based upon an approval period of four (4) weeks, which approval shall not be unreasonably withheld.
8. WEDECO does not provide for any process utility requirements including electrical power.
9. If not specifically requested, typical commissioning and training services have been included in firm proposal.
10. This firm proposal is based upon WEDECO's General Terms of Business.
11. No taxes of any kind have been included in this firm proposal.

P.O. Box 70
 Buda, TX 78610
 512/295-3733
 Fax: 512/295-4028

June 3, 2015

To: **City of Rio Bravo**

Attn: **Adrian Montemayor**

PROJECT: **UV System replacement**

Environmental Improvements, Inc. appreciates the opportunity to quote the follow WEDCO UV Replacement System for the above reference project as described below.

DESCRIPTION	UNITS	Spektron e
CONFIGURATION: Number of SS316L Vessels Model Number Number of lamps per vessel Number of intensity sensors Total number of lamps		3 (2 duty, 1 standby) Spektron 250e 4 1 per vessel 12
HEADLOSS (at peak flow) per vessel	Inches	6.5
ELECTRICAL LOAD: Maximum Maximum installed (including cooling of ballasts)	kW	3.78 4.5

Design Information:

- Design Flow Rate
- Peak Design Flow 2.5MGD
- Total Suspended Solids (Maximum) <20 mg/l
- Iron <0.3 mg/l
- Manganese <0.05 mg/l
- Hardness <200 mg/l
- Allowable Effluent Temperature Range 41-88 F
- UV Transmittance at 253.7nm 83%, minimum
- Effluent Disinfection Standard
 Cryptosporidium Log inactivation 2.0 Crypto

SCOPE OF SUPPLY PROVIDED BY WEDECO:

One (1) complete ultraviolet disinfection system, WEDECO Spektron e-Series™ including the following major equipment:

- * Three (3) WEDECO stainless steel reactors of type Spektron 250e
- * All required ECORAY low pressure mercury UV lamps, with high-grade quartz single closed end lamp sleeves, lamp end/reactor mating flange assemblies and lamp connector and o-ring seal kits. Lamp cable length is 39.4 feet (12 m).
- * One (1) reactor mounted calibrated UV intensity sensor per reactor
- * Two (2) stainless steel manual cleaning port isolation valves per reactor
- * One (1) stainless steel sample valve port per reactor
- * Factory assembled interconnection cabling between the UV lamps, sensors, and the control cabinet per reactor (**field cabling and termination is the responsibility of the contractor**)
- * One (1) control enclosure per reactor (containing PLC, power supplies, and ballasts)
 - * Enclosures shall be Type 12 steel with air-conditioning of the ballast (max. ambient temperature <110 deg. F)
 - * Ecotouch w/dose-pacing control per reactor
- * One (1) automatic wiping system – electrically actuated per reactor
- * One (1) on-line transmittance monitor per system shall be provided for continuous measurement of UV transmittance.
- * Manufacturers' services:
 - * Three (3) days, one (1) trip for installation inspection, start-up, commissioning, and operator training.
 - * Additional days as required will be made available on a per diem rate plus travel.
- * System Warranty: Per WEDECO's General Terms of Business
- * Process Warranty: WEDECO warrants the performance of this equipment during system warranty period to produce an effluent bacterial content according the design criteria stated. This warranty is contingent upon the equipment being operated, cleaned, and maintained strictly in accordance with WEDECO's instructions, all replacement components being purchased from WEDECO and the effluent characteristics being strictly in accordance with the design specifications.

Price Per the above Scope of Supply: \$190,000.00

Notes:

1. Freight to jobsite is included in amount. Offloading and arrangement of the equipment is not included.
2. Price quoted is firm and valid for 90 days.
3. Price is based upon the following payment terms (net 30 days):
4. Please make purchase orders out to:
Environmental Improvements
PO Box 79266
Houston, TX 77279
5. Submittals are available within 6 weeks after acceptance of purchase order.
6. Equipment delivery is within 10-12 weeks after approved submittals.
7. Delivery times are based upon an approval period of four (4) weeks, which approval shall not be unreasonably withheld.
8. WEDECO does not provide for any process utility requirements including electrical power.
9. If not specifically requested, typical commissioning and training services have been included in firm proposal.
11. No taxes of any kind have been included in this firm proposal.

EI² standard exceptions and/or clarifications:

Acceptance: Environmental Improvements, Inc. (EI²) is accepting this order only by the signing and acceptance of Terms and Conditions by both EI² and (*Contractor*).

Please note EI² takes exception to “this purchase order supersedes bid quotations, prior proposals, verbal conversations, and manufacturer’s alternative design.” Our bid is per our manufacturer’s scope of supply dated (*bid date*).

Please note EI² takes exception to “seller shall supply a complete and workable system as hereon noted.” EI² manufacturer’s scope of supply and/or bid proposal are per contract specifications and drawings as related to bid equipment. As indicated on our scope of supply cover letter dated (*bid date*) “**Any items required for system completion (including electrical) that are not listed on the related manufacturer’s scope of supply will be considered as an exception to that piece of equipment” and provided by others.**

Payment Terms: 90% net thirty (30) after receipt of shipment, 5% upon official start-up/beneficial use and 5% upon final approved O&M manuals. Note: (Terms based on project schedule of values). **We Do Not accept “open ended” retainage.**

Contract Discrepancies: Equipment scopes will conform to the specifications and drawings as related to our scope of supply on (*bid date*); however, EI² will not be responsible for discrepancies, errors or omissions on contract drawings furnished by the Engineer. If the Engineer approves submittals containing discrepancies, errors or omissions, EI² will not be responsible for costs associated with correcting the equipment including labor, damages or any engineering time to correct said discrepancies, errors or omissions.

Time of the Essence: We do not accept “time of the essence” but will accept “Time is Critical”.

Submittals: The submittal timeline is per the manufacturer’s scope of supply. That date will begin with a mutually signed contract from between (*Contractor*) and EI².

Shipment: FOB Point Jobsite – We can accept “FOB Jobsite” if (*contractor*) will agree to inspect the material and report in writing to EI² any damages, shortages, or lost equipment within seven (7) days from date received.

EI² is not responsible for any equipment or accessories listed in our scope of supply that (*contractor*) reported damaged or missing after 30 days from date received.

Guarantee/Warranty: All equipment warranties are for a period of one (1) year after formal start-up, or as specified in Contract Documents for equipment referenced under this purchase order.

We take exception to reimbursing the (*contractor*) for corrective work performed by (*contractor*), at (*contractor*) election. Any unauthorized work without a written approval from EI² or said manufacturer may result in a loss of warranty.

Back charges: EI² will not accept any back charges without a written explanation submitted to, and approved in writing by EI² prior to work being performed or any cost being incurred.

Force Majeure: Neither Seller nor Buyer shall have any liability for any breach (except for breach of payment obligations) caused by extreme weather or other acts of God, strike or other labor shortage or disturbance, fire, accident, war or civil disturbance, delay of carriers, failure of normal sources of supply, act of government or any other cause beyond such party’s reasonable control.

Indemnity Agreement: Change in contract “Indemnity Agreement” to read as follows:

To the full extent permitted by law, EI² agrees to defend, indemnify and hold harmless Purchaser, its agents, servants and employees, from and against any claim, costs, expense, or liability (including reasonable attorney’s fees), attributable to personal injury (including death) and damage to property caused by, arising out of, resulting from, or occurring in connection with the Products. EI² duty hereunder shall not arise if such injury, sickness, disease, death, damage, or destruction is caused by the sole negligence of a party indemnified hereunder. EI² obligation hereunder shall be limited to the amount of this Purchase Order.

Xylem Water Solutions USA, Inc.
Flygt Products
14125 South Bridge Circle
Charlotte, NC. 28273

May 28th, 2015

Subject: Wedeco Products – Representative in the State of Texas

To Whom It May Concern,

This letter is to inform you that EI2 – Environmental Improvements Inc. is the exclusive representative of Wedeco products in the State of Texas.

We are confident that EI2 will be able to provide expert advice and service in a professional manner for any of your disinfection needs.

Thank you for your interest in Wedeco products.

Sincerely,

Jay Jordan
Xylem Water Solutions USA, Inc. – Wedeco Products
14125 South Bridge Circle
Charlotte, NC. 28273
Ph: 803-417-8585

Leticia Gutierrez

From: Adrian G. Montemayor
Sent: Wednesday, June 03, 2015 3:21 PM
To: Leticia Gutierrez
Cc: Cecilia May Moreno; Luis Perez Garcia III
Subject: FW: Rio Bravo UV order
Attachments: Sole Source Xylem.pdf; UV Proposal (Rio Bravo).pdf

Importance: High

Ms. Gutierrez, attached is the proposal for the Sole Source Status of the Equipment and the Proposal for the Equipment from EI2. Can you please let me know what we can do to modify the requisition for now just the equipment order.

Adrian

From: Curtis Cathey [mailto:ccathey@EI2Austin.com]
Sent: Wednesday, June 03, 2015 9:57 AM
To: Adrian G. Montemayor
Subject: FW: Rio Bravo UV order

Adrian,

Please see attached Sole Source Letter and revised proposal for the UV system. Should you have any questions, please give me a call.

Thank you,

Curtis Cathey

Manufacturers' Representative

e: ccathey@ei2austin.com

p: 512.295.3733

m: 512.731.3253

f: 512.295-4028

environmental EI²
improvements, inc.

[web](#) | [facebook](#) | [twitter](#)

CONFIDENTIALITY NOTE: This email message and any attachments to it are intended only for the named recipients and may contain confidential information. If you are not one of the intended recipients, please do not duplicate or forward this email message and immediately delete it from your computer.

From: Nichols, Melissa - Xylem [mailto:Melissa.Nichols@Xylem.com]
Sent: Thursday, May 28, 2015 3:50 PM
To: Curtis Cathey

Cc: Jordan, Jay - Xylem; Davey, Renee - Xylem
Subject: RE: Rio Bravo UV order

Hi Curtis,

Please see the attached Sole Source letter.

Let me know if you need anything else!

Thank you,

Melissa E. Nichols
Sales Engineer
14125 South Bridge Circle
Charlotte, NC 28273
O: +1.704.409.9743
melissa.nichols@xylem.com

