March 23, 2018

Notice to all Prospective Bidders:

RE: U.T. REGULATOR STATION, CONTROL #1218

The Knoxville Utilities Board will be receiving bids for the referenced project on March 30, 2018 at 10:00 A.M. local time, see project manual for all bidding requirements.

KUB’s proposed schedule for this Project is as follows:
B. Bid opening at 10:00AM on March 30, 2018, at KUB Procurement, 4505 Middlebrook Pike, Knoxville, TN.
C. Notice of Award and Purchase Order on or about April 5, 2018.
D. Expected delivery prior to June 10, 2018.

All communications concerning this project shall be addressed to Rebekah Taylor, 865-558-2307, Rebekah.Taylor@kub.org. The Knoxville Utilities Board will receive and publicly open bids or electronic bids in the Procurement Department, 4505 Middlebrook Pike, Knoxville, Tennessee 37921.

Submit sealed bid responses to:

Physical Location    Mailing Address
Knoxville Utilities Board -OR- Knoxville Utilities Board
Procurement Department ATTN: R. Taylor, Purchasing Section
4505 Middlebrook Pike P.O. Box 59017
Knoxville, TN 37921-5599 Knoxville, TN 37950-9017

The outside of the sealed box / container / envelopes containing the response shall be marked as follows:
Bid Title: U.T. Regulator Station
Due On: March 30, 2018 at 10AM EST(Knoxville Local Time)
KUB Control# 1219

Email bid responses to bids@kub.org by same date and time with the following in the subject line: U.T. Regulator Station #1219. Bidder will receive an auto response within a reasonable time frame; otherwise please follow-up with the buyer.

Sincerely,

Rebekah Taylor
KUB Purchasing
1. Bidder must acknowledge and accept the Terms and Conditions Exhibit A
2. Email to bids@kub.org.
3. Complete any and all attached cost sheets, quote sheets, or any other attachments noted in the bid.
4. New companies must provide a completed W-9 (Request for Taxpayer Identification Number and Certification) or Social Security Number for 1099 Reporting.
5. Do you qualify as a MBE (Minority Business Enterprise), WBE (Women-Owned Business Enterprise), or SBE (Small Business Enterprise) and which organization do you belong as a qualifying member.
Terms of Purchase Order

The Knoxville Utilities Board (“KUB”), a municipal utility created and existing pursuant to the Charter of the City of Knoxville, a municipality existing under the laws of the State of Tennessee, hereby orders the services, goods and/or equipment on the front of this purchase order (“P.O.”), subject to and upon the express terms and conditions printed and written on the front and reverse hereof. All invoices, labels, shipping documents and correspondence must contain the purchase order number printed on the form hereof.

1. Acceptance-Vendor(s) acceptance of this order is expressly to the terms and conditions contained herein and acceptance with any additional conditions or modifications to this P.O. will be deemed a rejection of this order. If no notification is received by KUB within 15 days after vendor’s receipt of the P.O. or if shipment of any good and/or equipment of any part is made, then it shall constitute an acceptance by the vendor(s) of the terms and conditions of this P.O.

2. Performance-Performance of this P.O. must be in accordance with its terms, dating, and conditions. No variation or modification of this P.O. is binding upon KUB unless such variation or modification is agreed to in writing by an authorized representative of the Procurement Department of KUB.

3. Delivery-Time of delivery at KUB’s designated receiving facility is of the essence with respect to this P.O. If goods, equipment, or services delivery fail in any respect to conform to the terms of this P.O. or are otherwise non-conforming, KUB may in its sole discretion (1) reject the whole or (2) accept the whole or (3) accept any part and reject the balance or (4) cancel the order and order the equipment, goods, and/or services from another source and recover from the seller any additional costs incurred in ordering from another source and any other remedies under the Uniform Commercial Code codified at T.C.A. §§47-2-101 et. seq.

4. Price-Unless otherwise stated in this P.O., the price for the goods, equipment, and/or services covered hereby shall be the price quoted or contract price to KUB. Any allowable discount for prompt payment is to be calculated from the date the invoice is received in proper form or from the date the goods or equipment is received whichever date is later. Payment of invoices for major equipment, which is ordinarily tested or inspected for conformity to specifications before being put into service, will be held until certain testing or verification is completed, but not in excess of sixty (60) days from receipt of equipment, unless equipment is found to be defective or non-conforming.

5. Count-KUB’s count of goods and materials shall be accepted as conclusive on all shipments. Charges for extras including but not limited to packing, loading, drayage, dunnage, or cartage shall not be accepted unless specifically stated on this P.O. No charges will be accepted for packaging, boxes, drums, barrels, reels, cores, etc.

6. Amendments-No agreement or understanding with respect to the amendment or modification of this P.O. shall be binding upon KUB unless approved in writing by an authorized representative of the Procurement Department of KUB. Each transaction between KUB and vendor is separate and distinct. No waiver of any breach of any terms or condition of this P.O. shall be construed as a waiver of any subsequent breach of that term or condition of the same or different nature of this or any other P.O. or contract of KUB related to the goods, equipment, and/or services ordered under this P.O.

7. Compliance-By accepting this P.O. vendor represents, warrants, and guarantees that all applicable provisions of federal, state, and local laws, ordinances, codes, rules, and regulations which are applicable to the manufacture and/or sale of the goods, services, and/or equipment have been complied with by the vendor. Vendor agrees to indemnify and hold KUB harmless against all losses, expenses violations, or alleged violations of this section by vendor or by any of its subsidiaries or affiliates. KUB and vendor agree that this provision of indemnity does not in any way constitute a waiver by KUB of its protections under the Governmental Tort Liability Act as codified in T.C.A. §§29-20-101 et. seq.

8. Nondiscrimination-KUB is an equal opportunity employer and as such requires that its vendors not discriminate on the basis of race, color, sex, religion, or ethnic origin. Acceptance of this P.O. constitutes vendor’s acknowledgement of this provision. KUB encourages the use of small-business, minority, and women-owned business enterprises.

9. Choice of Law-This order and any subsequent contract related to this P.O. shall be governed by and construed with the laws of the State of Tennessee.

10. Force Majeure-Upon any discontinuance or substantial interference with KUB’s business by reason of fire, flood, earthquake, and other acts of God, embargo, civil disturbance, acts of terrorism, governmental regulation or causes beyond KUB’s control, KUB shall have the option of canceling any unfilled portion of this P.O. upon reasonable notice to vendor.

11. Default – KUB may by written notice of default to Vendor cancel the whole or part of this P.O. or exercise any other remedy provided to KUB by law or in equity including any remedy under the Uniform Commercial Code as codified at T.C.A. §§47-1-101 et. seq. in any of the following circumstances 1) Vendor fails to make delivery of the goods within the time specified, 2) Vendor is in breach of any of the terms or conditions of the P.O. or 3) Vendor becomes insolvent or makes assignment for the benefit of creditors, or if there shall be instituted by or against Vendor any proceedings under any bankruptcy, reorganization, arrangement, readjustment or debt or insolvency law of any jurisdiction or for the appointment of a receiver or trustee in respect to any of vendor’s property.

12. Title VI- Supplier shall comply with the requirements of all federal statutes relating to nondiscrimination, including but not limited to, Title VI of the Civil Rights Act of 1964, which prohibits discrimination on the basis of race, color, or national origin (“Title VI”). No person on the grounds of race, color, or national origin shall be excluded from participation in, denied benefits of, or be otherwise subject to discrimination in the performance of this PO. The Supplier shall upon request, show proof of such nondiscrimination.

EXHIBIT B
Purchase Order Terms and Conditions

It is the intent of the Proposer that the materials and services work be performed in strict accordance with the Purchase Order Terms and Conditions.

The Proposer hereby accepts the Terms and Conditions described herein.

Date: ____________________  Signed: ______________________________

Title: ______________________________

Company: ______________________________
### Station Parameters

- **Inlet District MAOP:** 196.7 PSIG
- **Inlet Pressure Normal Operating:** 185 PSIG

### Regulator Specifications

- **Regulator:** 2" Mooney, Single Port, 150 Class, Flanged, 100% Capacity, WCB Steel Body, Series 20 SST Pilot, 25-90 PSIG, Spring, Type 24S SST Restrictor, Type 30A Aluminium Pilot, Filter, Type 32S SST Drain Valve with SST Tubing and Fittings.

### Regulator Settings

- **Top Run:** Regulated Bypass
- **Upstream Monitor:** Set to 62 PSIG
- **Downstream Worker:** Set to 35 PSIG

- **Bottom Run:** Feed Run
- **Upstream Monitor:** Set to 62 PSIG
- **Downstream Worker:** Set to 40 PSIG

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<th>Item No.</th>
<th>Description</th>
<th>QTY.</th>
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<tbody>
<tr>
<td>1</td>
<td>Weld Neck Flange, 2&quot;, NPS, Class 150, STD, A105, WPB</td>
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<tr>
<td>2</td>
<td>Tee, 2&quot;, NPS, Sch 40, A234 WPB</td>
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<td>90L, NPS 2, LR, Sch 40, STD, WPB</td>
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<td>Pipe, 2&quot;, NPS, Sch 40, API 5L, Grd. B</td>
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<td>Flange Ball Valve, 2&quot;, NPS, Class 150, Regular Port</td>
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<td>6</td>
<td>Reducer, 4&quot; x 2&quot;, NPS, SCH 40, A234, WPB</td>
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<tr>
<td>7</td>
<td>2 x 0.25 Threaded</td>
<td>12</td>
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<tr>
<td>8</td>
<td>W-Neck Flange, NPS 4, Class 150, STD, A105, WPB</td>
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<td>9</td>
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<td>10</td>
<td>Mooney Flowgrid, 2&quot;, NPS, Class 150</td>
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TESTING

TEST PRESSURE
NOTE: HYDROSTATIC OR NITROGEN TEST ALL PIPING AND APPURTENANCES EXCEPT REGULATORS FOR A MINIMUM OF 2 CONTINUOUS HOURS MIN. 400 PSIG

REGULATOR STATION PAINT

SHOP COAT AMERCOAT 68HS ZINC RICH EPOXY PRIMER 3.0-5.0 MILS
INTERMEDIATE COAT AMERCOAT 2 FAST DRY EPOXY 4.0-8.0 MILS
STRIP COAT AMERCOAT 2 FAST DRY EPOXY 4.0-8.0 MILS
FINISH COAT PPG PSX700 ENGINEERED SILOXANE COATING 4.0-7.0 MILS

PROJECT REQUIREMENTS

1. ALL BUTT WELDS SHALL BE RADIOGRAPHICALLY TESTED
2. ALL FILLET WELDS SHALL BE MAGNETIC PARTIAL TESTED
3. ALL WELDS MUST BE PERFORMED BY QUALIFIED WELDERS USING A QUALIFIED PROCEDURE

PROJECT SUBMITTALS

1. TEST PLAN
2. VALVE MANUFACTURER (NO ALTERNATIVES FOR REGULATORS
3. PROTECTIVE MEASURES TO BE USED DURING SHIPPING TO ENSURE STATION/PAINT ARE NOT DAMAGED.

PROJECT DELIVERABLES - (DELIVERED IN 2 - 3 RING BINDERS)

1. ALL MATERIAL MTR’S OR CERTIFICATES OF CONFORMANCE
2. PRESSURE TEST RECORDS/REPORTS
3. WELD MAP WITH WELD NUMBER & HEAT NUMBERS (SEE SHEET 3) AND OR SERIAL NUMBER FOR VALVES, REGULATORS AND REGULATOR COMPONENTS
4. RADIOGRAPHIC INSPECTION REPORTS AND MAGNETIC PARTIAL TESTING REPORTS
5. WELDER QUALIFICATION RECORDS AND CONTINUITY LOGS. IF MULTIPLE WELDERS, WHO PERFORMED WHICH WELDS (CAN BE PROVIDED ON WELD MAP)
6. CALIBRATION CERTIFICATES FOR ALL TESTING EQUIPMENT. MUST BE CALIBRATED WITHIN THE PAST 12 MONTHS.