



Henderson Water Utility
WATER • WASTEWATER • STORMWATER

📞 270.826.2421

💻 www.hkywater.org

📍 111 Fifth Street
Henderson, KY 42420

Memo To: Plan Holders

From: Tom Williams, P.E.
HWU General Manager

Re: AMI Project – Installation of Owner-Supplied Meters - Addendum No. 1
Bid Reference: 2021 - 21

Date: 16 August 2021

Questions from Bidders, and Answers, so far:

1. Question: On the Bid Form, it states to include drilling/punching holes in lids for both Line Items 2 & 3. Please clarify if the lid drilling/punching modification is for all 1,116 locations with additional 513 locations that require drilling/punching of lids or of the 1,116 locations, only 513 will require drilling/punching of lids.

Answer: The reference to lid drilling/punching in Item 2 is in error. In Item 3, the total count of locations in this bid that require punching or drilling is 513, of the total of 1,116 locations in Item 2. All costs for drilling/punching of those lids should be included in the bid for Item 3.

2. Question: For Line Item #3 Modification of Existing Meter Lids, is the Contractor drilling/punching holes in existing lids on recently replaced meters and endpoints to reposition the endpoint through the lid?

Answer: No, the lids covered in Item 3 are those lids in the identified Phase 2 area (see map at end of bid spec) that require holes for through the lid kit installation.

3. Question: Are these meter locations hard to access?

Answer: No, all HWU residential meters are in meter boxes near the street, at the property line for the subject property. HWU has no meters inside buildings, and none of these meters are commercial installations in large pits that would require confined space entry procedures.

4. Question: Will bidder be required to provide programmers for the Itron endpoint?

Answer: No. Endpoints are pre-programmed.

5. Question: Based on the information provided on page 27 of the RFP, is bidder required to perform a drive-by reading of the newly installed meters/endpoint?



Answer: No. But meter installations will not be considered complete until meters are capable of drive-by reading.

6. Question: Will both the meter and 100W endpoint have inline connectors furnished?

Answer: Yes, all connectors required for a complete installation will be provided by HWU.

7. Question: Will Henderson Water be providing the Itron "through the lid mounting kits"?

Answer: Yes.

8. Question: What is the percentage of meter boxes located in concrete or asphalt?

Answer: Less than 1%.

9. Question: What is the composition of meter box (material)?

Answer: Most of HWU's meter boxes are round concrete or plastic vaults, usually no more than 36" deep.

10. Question: Are the meters in setters, or are they connected with straight meter couplings? Do all settings have shut off valves before the meters?

Answer: Most of HWU's residential meters are straight couplings; fewer than 5% of the meters in the Phase 2 areas will be on hangers. Most of HWU's meters have shut off valves in the meter pit.

11. Question: Will this be a like for like exchange (same lay length)?

Answer: Yes, lay lengths for the new meters are approximately equal to existing.

12. Question: If the collection of GPS points is required, is 1-5 meter accuracy acceptable?

Answer: All meter pits in the Phase 2 area have been located previously to < 1 meter accuracy. For confirmation of location of each installation, Contractor should provide handheld devices with barcode scanning capability, and 1 meter accuracy for GPS location.

13. Question: What is the age and primary make-up of service lines (Copper, plastic, galvanized)?

Answer: Install dates for meters in the Phase 2 area are listed below. Most service lines in the Phase 2 area are plastic or copper (50/50).

Route 108: 1980's

Route 111: 1990's

Route 112: 2000's

Route 114: 1990's

Route 115: 1980/90's

Route 119: 1970's to 1990's

Route 125: 2010's

Route 121: 1980's

Route 230: 1960's to 1990's

14. Question: What is the material of the existing lids?

Answer: Metal.

15. Question: What's the target start/end date for the project?

Answer: Q4 2021 start date/preferred completion prior to Q2 2022.

Bid opening date/time remains the same: 1:30 p.m., 19 August 2021.

If you have further questions, feel free to call me at 270.826.2421 (Office).

Cc: Bart Boles, HWU Project Engineer
Warner Mattingly, HWU Project Engineer
Kathy Manker, HWU Procurement Manager

BID FORMS (Revised)

PROJECT IDENTIFICATION: ***Advanced Metering Infrastructure (AMI) Project
Residential Meter Installation***
Henderson Water Utility
Ref# - 2021-21

THIS BID SUBMITTED TO: Henderson Water Utility
111 Fifth Street
Henderson, KY 42420

CONTACT INFORMATION: All questions regarding this bid solicitation should be directed to the
Purchasing Manager as per item #3 in the Solicitation Instructions and
Conditions.

DATE REFERENCES: Last day for bid clarifications: 16 August 2021
Bid Closing: 19 August 2021, 1:30 p.m.
HWU Board Meeting (award): 20 September 2021

1. The undersigned BIDDER proposes and agrees, if this Bid is accepted, to furnish equipment as specified or indicated in the Bid Documents and Technical Specifications for the Bid Price(s) and in accordance with the other terms and conditions of the Bid Documents and Technical Specifications.
2. BIDDER accepts all of the terms and conditions of the Advertisement or Invitation to Bid and the Bid Documents and Specifications. This bid will remain subject to acceptance for sixty days after the day of bid closing.
3. In submitting this Bid, BIDDER represents, as more fully set forth in the Agreement that:
 - a. BIDDER has examined copies of all the Bidding Documents and of the following addenda (receipt of all which is hereby acknowledged):

DATE	NUMBER
<i>16 August 2021</i>	<i>1</i>

- b. BIDDER has familiarized itself with the nature and extent of the Bid Documents and Technical Specifications, and all conditions, laws and regulations that in any manner may affect cost, or furnishing the equipment required.
 - c. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; BIDDER has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; BIDDER has not solicited or

induced any person, firm or corporation to refrain from bidding; and BIDDER has not sought by collusion to obtain for itself any advantage over any other Bidder or over the PURCHASER. Bidder acknowledges and certifies by submission of his bid that all the provisions and statutes of KRS 45a.465 are complied with fully.

- d. Specify a unit price in figures for each bid item for which a quantity is given and show the products of the respective unit prices and quantities written in figures in the space provided for that purpose. Round the products by dropping all digits past the cent. Write in ink or type all figures. In case of discrepancy between a unit price and extended price, the unit price shall govern. This bid may be awarded to multiple bidders, based on pricing for each item.

Bid Form
Install Owner-Supplied Meters and Accessories
Pricing to be held for 60 days after submittal is opened

ITEM No. 1: Mobilization & Demobilization

Includes Mobilization and Demobilization of personnel and subcontractors to site, general conditions, traffic control, permits, Bid Bond, Performance and Payment Bond, etc., and all other costs not included in the other items under this Contract, including demolition and disposal of debris, as required. This item will be paid 75% with the first pay application after the start of construction, and 25% with the last pay application, and includes all costs of any subsequent demobilizations and re-mobilizations as required by the project schedule.

LUMP SUM BID PRICE _____

_____ Dollars (\$_____).

(Use words) (figures)

ITEM No. 2: Installation of Owner-Supplied Residential Meters – Phase 2 Area

One Thousand One Hundred Sixteen (1,116) – 5/8" x 3/4", Owner-Supplied Kamstrup Flow IQ 2100 meters, Itron 100W+ Endpoints (Water Communication Module), including all labor to remove existing meter and install new, including cleaning/dewatering of pits, ~~drilling/punching holes for transmitter puck in lid~~, and identification of materials on service lines (both sides of meter pit); loading, transporting, and unloading existing meters at HWU's 841 Third Street building; data collection required to register meters/end points in the reading/billing system; cleanup and disposal of debris; safety measures required by the specifications; all complete in place and ready for use.

1,116 Each @ \$_____ Equals \$_____

Unit Price Each Extended Amount

ITEM No. 3: Modification of Existing Meter Lids

Five Hundred Thirteen (513) units of drilling/punching holes for transmitter puck in lid; including all time, labor, and materials required to remove lids; drill holes; transport to/from location for punching; replacing lids securely on the pit from which they were taken; cleanup and disposal of debris; safety measures required by the specifications; all complete in place and ready for use.

513 Each @ \$ _____ Equals \$ _____
Unit Price Each Extended Amount

TOTAL BASE BID PRICE – Items 1 through 3

TOTAL BID PRICE _____

_____ Dollars (\$ _____).
(Use words) (figures)

Bidders – please attach a “post-it” note or other tag to this page, in your completed bid.

Optional Items – Unit Pricing Not Included in Bid Evaluation

	<i>Item</i>	<i>Unit</i>	<i>Cost per Unit</i>
<i>1</i>	<i>Service Line Replacement – ¾”</i>	<i>Linear Foot</i>	<i>\$</i>
<i>2</i>	<i>Service Line Replacement – 1”</i>	<i>Linear Foot</i>	<i>\$</i>
<i>3</i>	<i>Service Line Replacement – 1-1/2”</i>	<i>Linear Foot</i>	<i>\$</i>

Completion Schedule:

Number of days from Award of Purchase Order to begin work: _____ days

Number of days to Substantial Completion: _____ days

Exceptions Taken to this Proposal: List any and all exceptions. (If none, check here).

The Owner reserves the right to negotiate additional installation locations with the low bidder(s).

SIGNATURE PAGE

Non-Collusive Bid Statement: The undersigned bidder, having fully informed himself regarding the accuracy of the statements made herein, certifies that: (1) The bid has been arrived at by the bidder independently and has been submitted without collusion with and without any agreement, understanding, or planned common course of action with any other vendor of materials, supplies, equipment, or services described in the bid, designed to limit independent bidding or competition, and (2) The contents of the bid have not been communicated by the bidder or its employees or agents to any person not any employee or agent of the bidder or its surety on any bond furnished with the bid, and will not be communicate by any such person prior to the official opening of the bid.

Signature of Authorized Official

Name and Title (printed)

Legal Name of Business

Address

Address

Telephone Number

Date

Affix seal below if bid is by corporation.

This seal was herewith affixed in the presence of:

Signature _____ Title _____

**REQUIRED AFFIDAVIT FOR BIDDERS, OFFERORS AND CONTRACTORS
CLAIMING QUALIFIED BIDDER STATUS**

FOR BIDS AND CONTRACTS IN GENERAL:

I. The bidder or offeror swears and affirms under penalty of perjury that the entity bidding, and all subcontractors therein, meets the requirements to be considered a “qualified bidder” in accordance with 200 KAR 5:410(3); and will continue to comply with such requirements for the duration of any contract awarded. Please identify below the particular “qualified bidder” status claimed by the bidding entity.

_____ A nonprofit corporation that furthers the purposes of KRS Chapter 163

_____ Per KRS 45A.465 (3), a “Qualified nonprofit agency for individuals with severe disabilities” means an organization that:

- (a) Is organized and operated in the interest of individuals with severe disabilities; and
- (b) Complies with any applicable occupational health and safety law of the United States and the Commonwealth; and
- (c) In the manufacture or provision of products or services listed or purchased under KRS 45A.470, during the fiscal year employs individuals with severe disabilities for not less than seventy-five percent (75%) of the man hours of direct labor required for the manufacture or provision of the products or services; and
- (d) Is registered and in good standing as a nonprofit organization with the Secretary of State.

The BIDDING AGENCY reserves the right to request documentation supporting a bidder’s claim of qualified bidder status. Failure to provide such documentation upon request may result in disqualification of the bidder or contract termination.

Signature

Printed Name

Title

Date

Company Name

Address

Subscribed and sworn to before me by _____ this ____ day of _____, 2021.

Notary Public

My Commission Expires

[Seal of Notary}

Check this box if not claiming Qualified Bidder Status

**REQUIRED AFFIDAVIT FOR BIDDERS, OFFERORS AND CONTRACTORS
CLAIMING RESIDENT BIDDER STATUS**

FOR BIDS AND CONTRACTS IN GENERAL:

The bidder or offeror hereby swears and affirms under penalty of perjury that, in accordance with KRS 45A.494(2), the entity bidding is an individual, partnership, association, corporation, or other business entity that, on the date the contract is first advertised or announced as available for bidding:

1. Is authorized to transact business in the Commonwealth;
2. Has for one year prior to and through the date of advertisement
 - a. Filed Kentucky corporate income taxes;
 - b. Made payments to the Kentucky unemployment insurance fund established in KRS 341.49; and
 - c. Maintained a Kentucky workers' compensation policy in effect.

The BIDDING AGENCY reserves the right to request documentation supporting a bidder's claim of resident bidder status. Failure to provide such documentation upon request shall result in disqualification of the bidder or contract termination.

Signature

Printed Name

Title

Date

Company Name

Address

Subscribed and sworn to before me by _____ this ____ day of _____, 2021.

Notary Public

My Commission Expires

[Seal of Notary}

Check this box if not claiming Resident Bidder Status

**Statement Required Pursuant to KRS 45A.395
NON-COLLUSIVE AFFIDAVIT OF PRIME BIDDER**

State of _____)

County of _____)

_____, being first duly sworn, deposes and says that:

1. He or she is the owner, partner, officer, representative, or agent of _____, the Bidder that he or she has submitted the attached bid;
2. He or she is fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such Bid;
3. Such Bid is genuine and is not a collusive or sham Bid;
4. Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other Bidder, firm or person to submit a collusive or sham Bid in connection with the Contract for which the attached bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached bid or of any other bidder, or to fix any overhead, profit or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the Henderson Water Utility, the City of Henderson or any person interested in the proposed Contract: and
5. The price or prices quoted in the attached bid are fair and proper and are not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Signed

Title

Subscribed and sworn to before me this _____ day of _____, 2021.

_____ My commission expires _____
Title