





Henderson Water Utility
WATER • WASTEWATER • STORMWATER

 270.826.2421

 www.hkywater.org

 111 Fifth Street
Henderson, KY 42420

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



Re: PHASE B – Installation of Owner-Supplied
Data Collectors and Repeaters – Clarification/Addendum No. 1
Bid Reference: 2021-07

Date: 5 July 2021

The following changes and clarifications are made to items to be installed.

- Item #1 – No Change
- Item #2 – CCU equipment to be mounted in the same room as Housing Authority equipment.
- Item #3 – Existing antenna on the City Building is set for demolition. New equipment will be mounted on a non-penetrating, roof-mounted, 20-foot aluminum pole
- Item #4 – Pole to be installed 5' to left side of building assuming we have right of way (needs clearance for overhead power lines). Conduit to be run to SCADA panel for power.
- Item #5 – No change.
- Item #6 – Pole to be installed to the left of the pump/SCADA panel.
- Item #7 – Pole to be installed to the right of the pump/SCADA panel.
- Item #8 – CCU equipment to mounted to the back side of SCADA panel with power coming from the MCC. The conduit for the antenna would be run back to the CCU.
- Item #9 – CCU to be mounted by the ladder leg, power from mechanical shed.
- Item #10 – Item Deleted.
- Item #11 – Pole most likely to installed along back fence line.
- Item #12 – Mount the repeater on a light pole and using power from the photocell at the corner of the new SOC property.

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

Cc: Kevin Roberts, HWU Director of Operations
Kathy Manker, HWU Procurement Manager
Wayne Griffin, HWU Automation Specialist



BID FORMS

PROJECT IDENTIFICATION: *Advanced Metering Infrastructure (AMI) Project - Phase B*

Henderson Water Utility
Ref# - 2021-07

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:	5 July 2021
Bid Closing:	8 July 2021, 1:30 p.m.
HWU Board Meeting (award):	19 July 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>5 July 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. Pipe lengths have been rounded up to the nearest foot.

Bid Form
Furnish and Install AMI Equipment 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: TCU 100 Installation – Vine Street Tank (Site T-1)

Installation of a TCU 100 at the Vine Street water tank, 832 Vine Street, including installation of an HWU-furnished unit (included mounting hardware); labor to install Collector and Antenna; labor and materials for cable, extension of electrical to Collector; conduit and wiring, cable, jumpers, connectors, grounds, hoisting grips, and stainless-steel hardware; all complete in place and ready for use.

LUMP SUM BID PRICE _____

_____ Dollars (\$_____).

(Use words)

(figures)

ITEM No. 3: CCU 100 Installation – City Building (Site C-1)

Installation of a CCU 100 at the City Municipal Center, 237 First Street, including installation of an HWU-furnished unit (included mounting hardware); labor to install Collector and Antenna on new, non-penetrating roof-mount pole; labor and materials for cable, extension of electrical to Collector; conduit and wiring, cable, jumpers, connectors, grounds, hoisting grips, and stainless steel hardware; all complete in place and ready for use.

LUMP SUM BID PRICE _____

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

ITEM No. 4: Repeater 100 Installation – 621 Kimsey Lane (Site R-7)

Installation of a Repeater 100 on contractor-furnished and installed 45’ wood pole at 621 Kimsey Lane, (Bentley Hughes PS) within 5’ of existing building; including installation of an HWU-furnished unit (included mounting hardware); labor to install Repeater and Antenna; labor and materials for cable, extension of electrical to Repeater from SCADA panel; conduit and wiring, cable, jumpers, connectors, grounds, hoisting grips, and stainless-steel hardware; all complete in place and ready for use.

LUMP SUM BID PRICE _____

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

ITEM No. 5: CCU 100 Installation – 2571 Zion Road (Site C-4)

Installation of a CCU100 on contractor-furnished and installed 45’ wood pole at 2571 Zion Road, Highlander PS Site; including installation of an HWU-furnished unit (included mounting hardware); labor to install Collector and Antenna; labor and materials for cable, extension of electrical to Collector; conduit and wiring, cable, jumpers, connectors, grounds, hoisting grips, and stainless-steel hardware; all complete in place and ready for use.

LUMP SUM BID PRICE _____

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

ITEM No. 6: CCU 100 Installation – 2588 Freetown Road (Site C-5)

Installation of a CCU100 on contractor-furnished and installed 45’ wood pole at 2588 Freetown Road, pole to be installed near pump/SCADA panel; including installation of an HWU-furnished unit (included mounting hardware); labor to install Collector and Antenna; labor and materials for cable, extension of electrical to Collector from SCADA panel; conduit and wiring, cable, jumpers, connectors, grounds, hoisting grips, and stainless-steel hardware; all complete in place and ready for use.

LUMP SUM BID PRICE _____

_____ Dollars (\$_____).

(Use words)

(figures)

ITEM No. 7: CCU 100 Installation – 681 Mallard Lane (Site C-6)

Installation of a CCU100 on contractor-furnished and installed 45’ wood pole at 681 Mallard Lane, pole to be installed near pump/SCADA panel; including installation of an HWU-furnished unit (included mounting hardware); labor to install Collector and Antenna; labor and materials for cable, extension of electrical to Collector from SCADA panel; conduit and wiring, cable, jumpers, connectors, grounds, hoisting grips, and stainless steel hardware; all complete in place and ready for use.

LUMP SUM BID PRICE _____

_____ Dollars (\$_____).

(Use words)

(figures)

ITEM No. 8: CCU 100 Installation – 101 Myrene Drive (Site C-7)

Installation of a CCU100 on an existing power panel for the pump station at 101 Myrene Drive, including installation of an HWU-furnished unit (included mounting hardware); installation of antenna cable in conduit to existing wood pole; installation of remote antenna on a 10’ long, 2” diameter steel pole, mounted atop the existing wooden utility pole; labor to install Collector and Antenna; labor and materials for cable, extension of power to Collector; conduit and wiring, cable, jumpers, connectors, grounds, hoisting grips, and stainless steel hardware; all complete in place and ready for use.

LUMP SUM BID PRICE _____

_____ Dollars (\$_____).

(Use words)

(figures)

ITEM No. 9: CCU 100 Installation – College Tank (Site C-9)

Installation of a CCU 100 at the College water tank, 2660 US 60 West, including installation of an HWU-furnished unit (included mounting hardware) near ladder leg; labor to install Collector and Antenna; labor and materials for cable, extension of electrical to Collector from control building; conduit and wiring, cable, jumpers, connectors, grounds, hoisting grips, and stainless-steel hardware; all complete in place and ready for use.

LUMP SUM BID PRICE _____

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

ITEM No. 10: Item deleted

ITEM No. 11: Repeater 100 Installation – behind 5358 Old Madisonville Road (Site R-23)

Installation of a Repeater 100 on contractor-furnished and installed 45' wood pole on vacant lot behind 5358 Old Madisonville Road, including installation of an HWU-furnished unit (included mounting hardware); labor to install Repeater Antenna; labor and materials for cable, power connection to photocell on streetlight; all complete in place and ready for use. HWU will provide a power connection to this lot.

LUMP SUM BID PRICE _____

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

ITEM No. 12: Repeater 100 Installation – 1383 Commonwealth Drive (Site R-26)

Installation of a Repeater 100 on existing 30’ wood pole @ 1383 Commonwealth Drive, including installation of an HWU-furnished unit (included mounting hardware); labor to install Repeater Antenna; labor and materials for cable, power connection to photocell on streetlight; all complete in place and ready for use.

LUMP SUM BID PRICE _____

_____ Dollars (\$_____).

(Use words)

(figures)

TOTAL BASE BID PRICE – Items 1 through 12

TOTAL BID PRICE _____

_____ Dollars (\$_____).

(Use words)

(figures)

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

Shop Drawing / Completion Schedule:

Number of days from Award of Purchase Order to shop drawing approval: _____ days

Number of days from shop drawing approval 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.

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