

ADDENDUM NO. 1

PALM BEACH COUNTY WATER UTILITIES DEPARTMENT

South County Reclaimed Water Transmission Pipeline Phase 1A

PROJECT NO. WUD 18-022R

TO ALL BIDDERS AND OTHERS CONCERNED:

Contractors submitting Bid Documents for the above referenced project shall take note of the following clarifications that shall become a part of the Contract Documents.

BID DOCUMENTS (Due February 16, 2022)

Note: Bidder must acknowledge receipt of Addendum under Bid Form Section 1.5 on Page Bid Form - 3 of the Contract Documents.

Dated this 9th day of February 2022

Palm Beach County
Water Utilities Department

Nicole Gumbs, P.E.

PLEASE ACKNOWLEDGE RECEIPT OF ADDENDUM NO. 1 (PAGE 1 - PAGE 8) BY SIGNING BELOW – EMAIL to ngumbs@pbwater.com IMMEDIATELY.

Signature

Title

Company

Bid Documents will be received by the Board of County Commissioners, Palm Beach County, Florida until 2:00 P.M. on Wednesday, February 16, 2022 at the Palm Beach County Water Utilities Department, Administration Building, First Floor Reception Desk, located at 8100 Forest Hill Boulevard, West Palm Beach, Florida 33413.

Bidders are reminded to acknowledge Addendum No. 1 under Bid Form Section 1.5 on Page Bid Form-3

A. BIDDERS QUESTIONS AND ANSWERS:

Q1 – Please advise whether or not the materials for this project are subject to the American Iron and Steel (AIS) requirements or Buy America requirements.

A1 – The Technical Specifications do not have any requirements for where the products are manufactured similar to what would be found under “Buy American” or “American Iron & Steel Requirement” policies that are often seen in federally funded projects. There are requirements for the material manufacturers that are based on the Palm Beach County Water Utilities Department’s Approved Materials List.

Q2 – The water & sewer infrastructure industry is under a “Force Majeure” situation due to the continuous and significant price increases along with extremely long lead times for all the piping materials, fittings, valves, etc. All these products are experiencing rapid price increases and material shortages with extended lead times mainly caused by the worldwide disruption of the supply chains caused by the COVID 19 pandemic. The material suppliers are not committing to holding prices/quotations and have implemented a policy of “pricing to be determined at time of shipment and subject to availability”. These are unprecedented times that appear to be here well into 2022. How this Force Majeure situation will be addressed by the City? The Contractor should be compensated for both time and cost since we cannot secure pricing and lead time for the piping materials, fittings, valves, etc. needed to construct this project. Please advise.

A2 – As an initial matter, while the County understands the current volatility of the market, the County disagrees that the current market situation arises to the level of a force majeure event, which generally involves an event which prevents a party from performing. As to your question, Bid Form Section 1.3 binds Bidders to the terms of their Bid Proposal if the County issues a Notice of Award Recommendation within one hundred fifty (150) calendar days from the date of bid opening. To the extent that any Bidder believes that volatility in the market may increase its material costs during this period, or throughout the possible proposed term of the resulting contract, the Bidder should consider this in its initial determination of bid pricing. Refer to **Addendum Item No. 1-1** for revisions to Bid Form Section 1.3.

Q3 – Are we required to carry the following insurance coverages: WATERCRAFT LIABILITY, AIRCRAFT LIABILITY, BUILDERS RISK, and INLAND MARINE/TRANSIT INSURANCE.

A3 – The insurance requirements are as described in the General Conditions Section 18 Contractor's Insurance. WATERCRAFT LIABILITY and INLAND MARINE/TRANSIT COVERAGE is required as identified in the INSURANCE COVERAGE & LIMIT TABLE under the COVERAGE REQUIRED THIS CONTRACT column. Refer to **Addendum Item No. 1-2**.

Q4 – Bid Item No. 17 specifies 12" HDPE installed by HDD. Can 12" DR18 Fusible PVC pipe be approved as an equal for the HDD segments? Fusible PVC pipe is currently listed in PBC's Approved Materials list and would offer the following benefits in this application: a.) Material consistency – all AWWA C900 PVC, b.) Equivalent ID and pressure capacity – 12" DR11 HDPE has 22% less flow area, c.) Standard waterworks fittings – no fused or special fittings, d.) Critical Buckling Pressure – 190 psi, high resistance to deflection at deep depths of bury, and e.) Resistance to disinfectant oxidation

A4 – All Bid responses shall be prepared in accordance with the Contract Documents as advertised and amended during the bidding process with no material substitutions. After award, the selected Bidder may request approval of material substitutions using the process identified in the Contract Documents under SECTION 01 25 13 – PRODUCT SUBSTITUTION PROCEDURES. Proposed substitute equipment and material will be subject to acceptance or rejection by the County after Contract award and shall not be utilized by the Bidder in the preparation of their Base Bid.

Q5 – The local MOT suppliers have informed us that on the recent project let by the County there has been no consistency with the MOT device counts and types needed for the approval of a MOT plan. In light of this we would ask that pay items be added for Variable Message Boards and arrow boards to account for these unknown variables as to if they will be required or not. If this is not possible, we will assume that these devices will only be required within FDOT Right of way as there is no pre-approved MOT plan provided within the bid document package.

A5 – Additional days of usage required by regulatory entities will be accounted for in new Bid Item No. 54 VARIABLE MESSAGE SIGN PLACEMENT added to the Bid Form SCHEDULE OF BID PRICES and Section 01 29 00 MEASUREMENT AND PAYMENT of the Technical Specifications. Additionally, requirements for Bid Item No. 3 in Section 01 29 00 MEASUREMENT AND PAYMENT of the Technical Specifications have been revised to include up to 425 days of Variable Message Sign use. Refer to **Addendum Item No. 1-1, 1-4 and 1-5**.

Q6 – Is Bid Item No. 8: Permit Fee Allowance to be used for all costs of permits associated with this project such as municipality right of way and building department permits?

A6 – Bid Item No. 8 is available for reimbursement of fees paid to all regulatory agencies and entities that have jurisdictional authority over the work effort based on location and activity.

Q7 – Has the EOR performed a new sub-surface utility analysis to determine that there have been no new utilities installed since this project was last bid that are now in conflict with the proposed alignment?

A7 – No additional sub-surface utility analysis has been performed along the proposed alignment since the design was completed in 2020.

Q8 – Has the EOR verified that the alignment near the school has enough room to install the proposed improvements with regards to the proximity of the alignment to underground cabling? Such as between Stations 561+00 and 566+00?

A8 – All Bid responses shall be prepared under the assumption that the work will proceed along the alignment identified in the Contract Documents. As described in General Note No. 8 on Drawing No. GN-1 – “The Contractor shall coordinate the utilities to arrange relocation and temporary support of utility features, as necessary to complete the work. Any cost involved is to be borne by the Contractor.”

Q9 – Will all rock excavation regardless of Blow count utilize pay item 35 to cover any additional required costs?

A9 – The quantity of rock excavation has been estimated based on geotechnical testing along the pipeline alignment. Although soil conditions may vary between geotechnical testing locations, no additional compensation will be provided for excavation in rock beyond the quantity identified in Bid Item No. 35.

Q10 – Please confirm that per the directive given in the preconstruction meeting that we are to price all reclaimed water discharge stations as shown in the plans and any modifications needed will be addressed via change order.

A10 – The Bidder is required to provide a fixed lump sum price for each discharge facility identified in the Contract Documents. The components required for each discharge facility are shown in the details included in the Contract Documents on Drawing No. D-4 and D-11. After award, a Schedule of Values defining the individual components of the fixed lump sum price for each facility will be agreed upon to coordinate partial payment during construction, as needed. Any modifications to the discharge locations will be addressed based on the processes defined in SECTION 01 26 63 – CHANGE ORDERS.

Q11 – Pg 34, MOBILIZATION / DEMOBILIZATION / GENERAL CONDITIONS (BID ITEM NO. 2) States: “The costs of bonds, insurance and any other preconstruction expense necessary for the start of the Work, excluding the cost of construction materials, is to be included in the lump sum bid item for Mobilization.” Please clarify, there already is a pay item for bonds?

A11 – The language of Bid Item No. 2 in SECTION 01 29 00 MEASUREMENT AND PAYMENT has been revised to remove references to Bonds and Insurance. Refer to **Addendum Item No. 1-3.**

Q12 – Pg 36, 1.9 RECORD DRAWINGS (BID ITEM NO. 6):States: “...; and other items as required by the OWNER ...” Please provide the other items so we can provide a price in our bid?

A12 – Payment for record drawings will be processed after record drawings are approved by the Engineer. Approval will require incorporation of all comments and requirements provided by Palm Beach County Water Utilities Department as well as all regulatory agencies and entities that have jurisdictional authority over the work effort based on location and activity. These comments and requirements from regulatory agencies and entities will constitute “other items as required by the OWNER”.

Q13 – Pg 37, 1.12 FURNISH & INSTALL 12" DIP RECLAIMED WATER MAIN PIPE VIA OPEN CUT (BID ITEM NO. 9) States: “...protection of adjacent facilities during construction, restoration, pressure testing, ...” We assume all mentions of restoration in all Bid Items will be paid by appropriate provided bid items.

A13 – The restoration related items identified for sidewalk, asphalt, vegetation, and other surface features will be measured and paid based on the identifications and definitions within the Contract Documents. Restoration activities not included as separate bid items should be incorporated into the initial determination of bid pricing by the responding Bidder.

Q14 – Pg 43, TRENCH RESTORATION IN PAVEMENT (BID ITEM NO. 28) States: “For Palm Beach County owned thoroughfare roadways, the minimum asphalt thickness shall be 2 ½”. For non-thoroughfare roadways the minimum thickness shall be 1 ½.” Since there is no quantity provided for either thickness we will average the price evenly, unless separate pay items are provided?

A14 – During final restoration activities, the Mill and Overlay efforts have been separated into two bid items, Bid Item No. 29 1-INCH MILL AND OVERLAY and Bid Item No. 53 1.5-INCH MILL AND OVERLAY, to reflect the difference between thoroughfare roadways and non-thoroughfare roadways. All asphalt (of any depth) placed during trench restoration in accordance with the requirements of the Technical Specifications will be accounted for under Bid Item No. 28. The quantities shown in the Bid Form Schedule of Bid Prices for

Bid Item No. 29 reflect the anticipated area of mill and overlay within thoroughfare roadways, while the quantities shown in Bid Item No. 53 reflect the anticipated area of mill and overlay within non-thoroughfare roadways.

Q15 – Pg 46 LIMEROCK ACCESS ROAD (BID ITEM NO. 39)- States: "...final grading, root barrier and any other items..." Please provide locations of root barrier or we will assume 10 sy?

A15 – As shown on Drawing No. D-10, Detail 6G, the required root barrier quantity for Bid Item No. 39 is the amount needed to install the barrier 36-inches deep on either side of the Limerock Access Road throughout the length of the constructed access road.

Q16 – Pg 46, REMOVAL AND RE-INSTALLATION OF SIGNS (BID ITEM NO. 41) States: "Measurement shall be based on the number of signs removed and re-installed (each) back to the permanent location and in the condition prior to construction complying with the latest FDOT, MUTCD or PBC Roadway and Traffic Design Standards." Please clarify, if the signs removed are in good condition but they no longer comply with the latest standards mentioned, will they need to be replaced with new signs? If yes then please provide a pay item for such new signs, we assume none.

A16 – All bid responses shall be prepared in accordance with the Contract Documents as advertised and amended during the bidding process. There are no additional pay items for new signage. If during construction unforeseen materials are identified as required to complete the Work, modifications to the bid items will be addressed based on the processes defined in SECTION 01 26 63 – CHANGE ORDERS.

Q17 – In review of the drawings and specifications. I respectfully request the allowance of Steel pipe per AWWA M11 & C200 as an equal alternate to DIP for the for PBC South County Reclaimed Water Transmission Main. Steel Pipe will follow the existing alignment for DIP, as DIP is more restrictive than steel.

A17 – All bid responses shall be prepared in accordance with the Contract Documents as advertised and amended during the bidding process with no material substitutions. After award, the selected Bidder may request approval of material substitutions using the process identified in the Contract Documents under SECTION 01 25 13 – PRODUCT SUBSTITUTION PROCEDURES. Proposed substitute equipment and material will be subject to acceptance or rejection by the County after Contract award and shall not be utilized by the Bidder in the preparation of their Base Bid.

Q18 – What is the engineer's estimate for this project?

A18 – The engineer's estimate of construction costs is approximately \$7,000,000.

B. CONTRACT DOCUMENTS:

BIDDING REQUIREMENTS

1-1. Bid Form and Attachments

DELETE Bid Form and Attachments section in its entirety and REPLACE WITH new Bid Form and Attachments section.

CONTRACT CONDITIONS

1-2. General Conditions

In Section 18 Contractor's Insurance, in the INSURANCE COVERAGE & LIMIT TABLE, along the row for WATERCRAFT LIABILITY, DELETE "No" and REPLACE WITH "Yes" under the COVERAGE REQUIRED THIS CONTRACT column.

TECHNICAL SPECIFICATIONS:

1-3. Section 01 29 00 – Measurement and Payment

DELETE Paragraph 1.5.A. in its entirety and REPLACE WITH the following:

"A. Consists of the preparatory work and operations in mobilizing/demobilizing for beginning Work on the Project, including, but not limited to, those operations necessary for the movement of personnel, equipment, materials, supplies and incidentals to the Project site, maintaining materials and equipment on-site for the entire scheduled construction contract period, and for the establishment of temporary offices, buildings, safety equipment and first aid supplies, sanitary and other facilities, as required by these Specifications, and State and local laws and regulations. The costs of ~~bonds, insurance and any other~~ pre-construction expense necessary for the start of the Work, excluding the cost of construction materials, is to be included in the lump sum bid item for Mobilization. Full payment for this item shall not be warranted unless all conditions for this item and related specifications are met."

DELETE Paragraph 1.5.C. in its entirety and REPLACE WITH the following:

"C. Payment for Mobilization, ~~Bonds, Insurance~~ in the Bid Schedule shall be in accordance with the following schedule:"

1-4. Section 01 29 00 – Measurement and Payment

DELETE Paragraph 1.6.A. in its entirety and REPLACE WITH the following:

“A. In the CONTRACTOR's use of streets and highways, all work to be done shall conform to all Municipal, County, State and Federal laws and regulations. The CONTRACTOR shall provide, erect and maintain effective barricades, danger signals and signs on all affected streets or highways for protection of the Work and safety of the public. For the purposes of this Bid Item, it is assumed that the use of each Variable Message Sign for a combined duration up to 425 total days should be included in the lump sum price. Maintenance of traffic must conform to the guidelines as shown in the Florida Department of Transportation Roadway and Traffic Design Standards, latest revision. The cost of maintenance of traffic shall be included in the lump sum price for Maintenance of Traffic.”

1-5. Section 01 29 00 – Measurement and Payment

ADD the following Paragraph 1.58.

“1.58 VARIABLE MESSAGE SIGN PLACEMENT (BID ITEM NO. 54)

- A. In the event that maintenance of traffic permit conditions require the use of each Variable Message Sign for a combined duration greater than the 425 days included in Bid Item No. 3, the CONTRACTOR shall provide, erect and maintain variable message signs where required for protection of the Work and safety of the public. The cost of variable message signs shall be based on each day that each sign is required to be on-site per the permit requirements.
- B. Payment for Variable Message Sign Placement shall be paid for each day of each sign that is installed and in operation as required for protection of the Work and safety of the public. Payment for this Bid Item can only be applied after the first 425 days of variable message sign placement which is incorporated in the lump sum cost of Bid Item No. 3.”