DATE: January 5, 2018

RE: Bid No. 04-18  ADDENDUM NO. 01

The Utilities Commission is issuing the following addendum. As such it becomes an integral part of the proposal and must be acknowledged by the return of this signed form, with your proposal form, acknowledging receipt of the addendum.

Attachments:
1. Revised Bid Document Pages 1, 16, 29, 30, 31 and 38. Revisions are depicted in red.
2. Revised Bid Plans. Revisions are depicted by a revision cloud.
3. Connection Exhibit – West Side of Bridge

Bidders shall note the following directions when preparing bids for evaluation:
1. Project Scope of Work has been revised:
   Horizontal Directional Drill approximately 1,200 linear feet of 12” HDPE, SDR 11, water main from station 1002+00 to 1014+00. The HDPE pipe shall terminate on both sides of the bridge with fused MJ adaptors.
   • On the west side of the bridge, the Contractor is responsible for connecting 12” HDPE to existing 12” PVC pipe.
     a. An existing 12” gate valve at Station 1001+00 shall be utilized to make this connection.
     b. Connection shall be made east of existing water meter to avoid relocation of water service and water meter.
     c. A fire hydrant assembly and above ground air release valve shall be installed between the HDPE fused MJ Adaptor and the connection to the existing 12” PVC water main. See Connection Exhibit – West Side of Bridge.
   • On the east side of the bridge, the Contractor is responsible for connecting 12” HDPE to an existing 12” valve.

2. BIDDER shall provide Pollution Liability Insurance (Condition 27).
3. **BIDDER** shall review and initial Tab #7, Page 27.

4. **BIDDER** shall submit Bid Bond (Section 00410) with sealed bid (Condition 44).

5. Contractor will be responsible for construction water and disposal of drilling mud.

**BIDDER** questions are in black. **COMMISSION** responses are in blue.

1. Bid Item No. 2 specifies 12” HDPE H.D.D., SDR 11 for 900 LF. Can 12” DR18 Fusible PVC be approved as an “equal” to the specified HDE for H.D.D. section of this project?
   a. 12” DR18 Fusible PVC has the same ID and pressure capacity of pipe that it is connecting.
   b. Eliminates the need for fused adapter fittings, utilize standard DI mechanical fittings.

   The **COMMISSION** will not be using Fusible PVC for this application.

2. Is there a dewatering permit required?

   *It is the Contractor’s responsibility to obtain all necessary documents related to dewatering and the discharge of ground water by FDEP and/or SJRWMD.*

3. Existing Gas Main is shown on sheet C-4 & C-6 but not shown on C-5. What happens to the Gas Main? Is it in the Line of the proposed New Pipe?

   *It looks like the gas main line type did not carry over to Sheet C-5. However, the **COMMISSION** cannot confirm the location of the existing gas main. In order to confirm exact location of gas main, Contractor will be responsible to create utility locate ticket through Sunshine 811.*

4. Are the existing mains already valved & Capped Off?
The existing main to be replaced with this scope of work is disconnected and capped at both ends of the bridge.

5. Bid Item #2 specify's X,Y, & Z coordinates, please specify what you are pertaining too? Is this GPS corridants plus depth?
   The bore log shall contain horizontal coordinates (with ties to existing edge of pavement, structures, etc.) and vertical coordinates (depth of pipe).

6. Is the City COMMISSION to coordinate with the Bridge Contractor to allow the new contractor to work?
   The Utilities Commission, City of New Smyrna Beach ("COMMISSION") has advertised this bid, Not the City of New Smyrna Beach.
   The Bridge Replacement Project is being administered by the County.
   It is the BIDDERS responsibility to make a field visit to assess the County Bridge Replacement project and its work thus far.
   The COMMISSION has been in coordination with the County and it’s Contractor throughout this bid process.
   The COMMISSION will help with coordination; however, it will be the Contractor’s responsibility to have open communication with both the COMMISSION and the County before and during the installation of the water main to complete this scope of work.

Acknowledgment of Receipt of Addenda No. 1
Company__________________________________________
Title____________________________________________
Signature________________________________________

Page 3
This Agreement is by and between the Utilities Commission, City of New Smyrna Beach, Florida (herein called Owner) and LOW BIDDER NAME Contractors, Inc. (herein called Contractor).

Owner and Contractor, in consideration of the mutual covenants herein set forth, agree as follows:

ARTICLE 1 – WORK

1.01. Contractor shall complete all Work as specified or indicated in the Contract Documents based on the acceptance by Owner of Contractor's Bid.

The Work is generally described as follows:

Horizontal Directional Drill approximately 1,200 linear feet of 12” HDPE, SDR 11, water main from station 1002+00 to 1014+00. The HDPE pipe shall terminate on both sides of the bridge with fused MJ adaptors.

- On the west side of the bridge, the Contractor is responsible for connecting 12” HDPE to existing 12” PVC pipe.
  - An existing 12” gate valve at Station 1001+00 shall be utilized to make this connection.
  - Connection shall be made east of existing water meter to avoid relocation of water service and water meter.
  - A fire hydrant assembly and above ground air release valve shall be installed between the HDPE fused MJ Adaptor and the connection to the existing 12” PVC water main. See Connection Exhibit – West Side of Bridge.

- On the east side of the bridge, the Contractor is responsible for connecting 12” HDPE to an existing 12” valve.

This project is located at Turnbull Bay Bridge, parallel to Turnbull Bay Road and Volusia County Road & Bridge Project.

THIS PROJECT IS WITHIN THE COUNTY’S ACTIVE BRIDGE CONSTRUCTION PROJECT LIMITS.

THE PROJECT DURATION IS A MAXIMUM OF 30 CALENDAR DAYS.

SEE PAGES 16 AND 27 OF THIS BID DOCUMENT.

ARTICLE 2 – CONTRACT PRICE

2.01. Owner shall pay Contractor for completion of the Work designated in Article 1 in accordance with the Contract Documents, a not-to-exceed amount of: Written Dollar Amount (###,###.##) as indicated in Contractor’s Bid.

ARTICLE 3 – PAYMENT PROCEDURES

SECTION 00500
BID SCOPE OF WORK

BIDDER NAME: ____________________________________________

The COMMISSION is seeking a Qualified Vendors (include specifics if necessary) Certified Underground Utility and Excavation Contractor licensed in the State of Florida to complete the following scope of work.

Horizontal Directional Drill approximately 1,200 linear feet of 12” HDPE, SDR 11, water main from station 1002+00 to 1014+00. The HDPE pipe shall terminate on both sides of the bridge with fused MJ adaptors.

- On the west side of the bridge, the Contractor is responsible for connecting 12” HDPE to existing 12” PVC pipe.
  a. An existing 12” gate valve at Station 1001+00 shall be utilized to make this connection.
  b. Connection shall be made east of existing water meter to avoid relocation of water service and water meter.
  c. A fire hydrant assembly and above ground air release valve shall be installed between the HDPE fused MJ Adaptor and the connection to the existing 12” PVC water main. See Connection Exhibit – West Side of Bridge.

- On the east side of the bridge, the Contractor is responsible for connecting 12” HDPE to an existing 12” valve.

This project is located at Turnbull Bay Bridge, parallel to Turnbull Bay Road and Volusia County Road & Bridge Project.

THIS PROJECT IS WITHIN THE COUNTY’S ACTIVE BRIDGE CONSTRUCTION PROJECT LIMITS.

THE PROJECT DURATION IS A MAXIMUM OF 30 CALENDAR DAYS.

SEE PAGES 16 AND 27 OF THIS BID DOCUMENT.

Contractor shall provide insurance, materials, tools, labor, equipment and supervision to perform all work necessary to complete this scope of work. Contractor shall reference plans and specifications attached for further detail.

Contractor shall submit a construction schedule with bid submittal.

Contractor is responsible for staging area and storage of materials. The COMMISSION will pay for installed materials only.

Contractor is responsible for all Maintenance of Traffic (MOT) Devices, including an MOT Plan, if required.


All construction is subject to the COMMISSION’s inspection.
**BID TABULATION**

**BIDDER NAME:**

<table>
<thead>
<tr>
<th>Item No.</th>
<th>Description</th>
<th>Est. Quantity</th>
<th>Unit</th>
<th>Unit Price</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mobilization/Demobilization/Maintenance of Traffic</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>2</td>
<td>12” HDPE Horizontal Directional Drill, SDR 11 Connect to Existing 12” PVC on the West Side of Bridge (See Detail)</td>
<td>1,200</td>
<td>LF</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>3</td>
<td>Connect to Existing 12” Valve On the East Side of Bridge</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>4</td>
<td>Demolition</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>5</td>
<td>Water Main Testing</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>6</td>
<td>As-Built Survey</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>7</td>
<td>Restoration</td>
<td>1</td>
<td>LS</td>
<td>$</td>
<td>$</td>
</tr>
<tr>
<td>8</td>
<td>Contingency</td>
<td>1</td>
<td>LS</td>
<td>$10,000.00</td>
<td>$10,000.00</td>
</tr>
</tbody>
</table>

**TOTAL BASE BID COST:** $10,000.00

*Total Written Base Bid Cost: ____________________________

- **Bid Item No. 1:** The Contractor will be responsible for Maintenance of Traffic (MOT) Devices and Plan.
- **Bid Item No. 2:** The estimated linear feet measured horizontally only. The Contractor shall consider the vertical depth and price accordingly. The HDPE pipe shall terminate on both side of the bridge with a fused MJ adaptor. The bore log shall contain horizontal coordinates (with ties to existing edge of pavement, structures, etc.) and vertical coordinates (depth of pipe).
• Bid Item No. 3: This unit cost shall encompass all means & methods, labor, equipment and materials to make pipe connection and install a fire hydrant & air release valve on the west side of the bridge. See attached Connection Exhibit – West Side of Bridge.

• Bid Item No. 4: This unit cost shall encompass all means & methods, labor, equipment and materials to make valve connection on the east side of the bridge.

• Bid Item No. 5: This unit cost shall include removal of a fire hydrant (approx. Station 1003+00), abandon-in-place air release valve vault, to include removal of ring and cover & filling vault with dirt, (approx. Station 1005+00) and capping 12” PVC pipe on west side of bridge.

• Bid Item No. 6: The Contractor shall successfully pressure test and bacteriological sample from an outside lab prior to placing in service. The Contractor will be responsible for construction water and laboratory sampling, etc.

• Bid Item No. 7: The As-Built Survey shall be submitted both
  o Digitally, in a .dwg file and contain horizontal coordinates (with ties to existing edge of pavement, structures, etc.) and vertical coordinates (depth of pipe).
  o Hard Copy, signed and sealed by a Professional Surveyor licensed in the State of Florida

• Bid Item No. 8: The Contractor is responsible for all restoration efforts to satisfy Volusia County.

• Bid Item No. 9: Contractor shall include fixed itemized $10,000 contingency for this project. It will be returned to COMMISSION if not used.

BIDDERS must sign BID FORM.
46. **LIQUIDATED DAMAGES:**
If awarded this construction contract, the Bidder agrees to complete the work covered by this contract as follows:

1. Substantially Complete in **THIRTY (30)** consecutive calendar days.
2. Final Completion in **TEN (10)** consecutive calendar days from substantial completion.

For the purposes of this project, Substantial Completion shall be when the new water main is:
- Successfully Pressure Tested and Has Passing Bacteriological Samples
- Connected On Both Ends Of The Bridge To Existing Pipe & Valves
- Placed Into Service

Should the Contractor fail to substantially complete work under this Contract on or before the date stipulated for Substantial Completion (or such later date as may result from extensions of time granted by Owner), he shall pay Owner, as liquidated damages, the sum of **$500.00 (FIVE HUNDRED DOLLARS)** for each consecutive calendar day that terms of the Contract remain unfulfilled beyond date allowed by the contract, which sum is agreed upon as a reasonable and proper measure of damages which Owner will sustain per deim by failure of Contractor to complete work within time as stipulated; it being recognized by Owner and Contractor to complete on schedule is uncertain and cannot be computed exactly. In no way shall costs for liquidated damages be construed as a penalty on the Contractor.

For each consecutive calendar day that the work remains incomplete after the date established for Final Completion, the Owner will retain from the compensation otherwise to be paid to the Contractor the sum of **$500.00 (FIVE HUNDRED DOLLARS)**. This amount is the minimum measure of damages the Owner will sustain by failure of the Contractor to complete all remedial work, correct deficient work, clean up the project and other miscellaneous tasks as required to complete all work specified. This amount is in addition to the liquidated damages prescribed above for Substantial Completion.

47. **INDEMNIFICATION FOR TORT ACTIONS/LIMITATION OF LIABILITY:**
The provisions of Florida Statute 768.28 applicable to the Utilities Commission, City of New Smyrna Beach apply in full to this contract. Any legal actions to recover monetary damages in tort for injury or loss of property, personal injury, or death caused by the negligent or wrongful act or omission of any employee of the Utilities Commission acting within the scope of his/her office or employment are subject to the limitations specified in this statute.

No officer, employee or agent of the Utilities Commission acting within the scope of his/her employment or function shall be held personally liable in tort or named as a defendant in any action for injury or damage suffered as a result of any act, event or failure to act.

The Utilities Commission shall not be liable in tort for the acts or omissions of an officer, employee or agent committed while acting outside the course and scope of his/her employment. This exclusion includes actions committed in bad faith or with malicious
UTILITIES COMMISSION  
CITY OF NEW SMYRNA BEACH, FLORIDA

ITB# 04-18  
REPLACE 12” WATER MAIN AT TURNBULL BAY  
(DAMAGED DURING BRIDGE CONSTRUCTION)

INVITATION TO BID

The Utilities Commission, City of New Smyrna Beach, Florida (COMMISSION) is seeking bids from qualified vendors to:

Horizontal Directional Drill approximately 1,200 linear feet of 12” HDPE, SDR 11, water main from station 1002+00 to 1014+00. The HDPE pipe shall terminate on both sides of the bridge with fused MJ adaptors.

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SEE PAGES 16 AND 27 OF THIS BID DOCUMENT.

Notice is hereby given that sealed bids will be received at 200 Canal Street, New Smyrna Beach, FL 32168, until 2:30 P.M. on January 16, 2017 at which time they will be publicly opened in the 3rd floor DeBerry Room.

Submit Bids To: Caleb Fisher, CPPB  
Purchasing Agent  
Utilities Commission,  
City of New Smyrna Beach  
(386) 424.3045 Voice  
(386) 424.2748 Fax  
CFISHER@UCNSB.ORG

Mailing Address: Post Office Box 100  
New Smyrna Beach, FL 32170-0100

Walk In Delivery:  
200 Canal Street  
New Smyrna Beach, FL 32168

Bidders must indicate on the sealed envelope the following:
A. Invitation To Bid Number
B. Hour and Date of Opening
C. Name of Bidder
NOTES:
1. FITTINGS AND PIPE FOR VALVES SHALL BE LEAD FREE BRASS.
2. ALL JOINTS SHALL BE RESTRAINED.

CONNECTION EXHIBIT – WEST SIDE OF BRIDGE

UTILITIES COMMISSION
CITY OF NEW SMYRNA BEACH, FL

CONNECTION EXHIBIT
WEST SIDE OF BRIDGE

DWN. A. WISHART  SCALE: AS SHOWN  REV.  SHEET 1 OF 1
CKD. D. HALE  DATE: 1/5/2018
APP. D. WAINSCOTT  FILE:
ITB #04-18
H.D.D. 12" WATER MAIN ONLY
(STATION 1002+00 TO 1014+00)
DISREGARD OTHER UTILITY WORK
REFERRED IN THESE PLANS

REVISIONS PER
ADDITIONAL NO. 1
FOR BID #04-18
ITB #04-18
H.D.D. 12" WATER MAIN ONLY
(STATION 1002+00 TO 1014+00)
DISREGARD OTHER UTILITY WORK
REFERENCED IN THESE PLANS
ITB #04-18
H.D.D. 12" WATER MAIN ONLY
(STATION 1002+00 TO 1014+00)
DISREGARD OTHER UTILITY WORK
REFERENCED IN THESE PLANS