



Financial Management Department  
Purchasing Division  
1112 Manatee Ave W Suite 803  
Bradenton, FL 34205  
Phone: (941) 749-3014  
www.mymanatee.org

**June 20, 2016**

**TO:** All Interested Bidders  
**SUBJECT:** Invitation for Bids #16-2335CD  
Lockwood Ridge @ State Road 70 Utility Relocations

**ADDENDUM #1**

**Bidders are hereby notified that this Addendum shall be acknowledged on page Bid Form-1 of the Bid Form and made a part of the above named bidding and contract documents. Bids submitted without acknowledgment of the Addendum will be considered incomplete.**

The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

1. **DELETE** Section 01150, Measurement and Payment pages 30 thru 35, of the Technical Specifications dated May 2016 and **INSERT** the Revised Section 01150, Measurement and Payment pages 30 thru 35, which are attached to this Addendum #1.
2. **ADD** the Reverse Deadman Restraint detail drawing UG-7A dated June 14, 2016 that is attached to this Addendum #1 to the Bid Documents.
3. **CLARIFICATION OF ENGINEER'S CHANGES:**
  - a. Technical Specifications: Modified Bid Item 10.
  - b. Plans: Added Reverse Deadman Restraint detail

**The following questions have been presented by potential Bidders:**

**QUESTION #1: Why is the design of the deadman included in the bid item?**

**Response #1:** The requirement for Contractor to provide design of the Reverse Deadman Restraint has been removed from the specification and a Deadman detail is included in this response. Refer to revised specification section 01150 (Measurement & Payment, Bid Item 10) and Reverse Deadman Restraint detail included with this addendum.

**QUESTION #2: Is the lane closure allowance only allowed for the placement and removal of the jersey barrier?**

**Response #2:** The lane closure shall also be allowed for the saw cutting and removal of the pavement.

**QUESTION #3:** How long will the existing water main and force main be allowed to be shut down?

**Response #3:** Water main shutdown will only be allowed at night for installation and removal of 30" cap. Force main shutdown will only be allowed at night for installation of line stop and bypass piping. Please see Notes 68, 69, and 73 on Sheet 2 of the plans.

**QUESTION #4:** If the water lines cannot be shut down for a period of time we have to build and offset new pipe which will call for more fittings, then the plans require.

**Response #4:** Please see response to Question 3 above.

**QUESTION #5:** How much existing pipe will need to be restrained?

**Response #5:** Refer to the plans for restraint locations.

END OF ADDENDUM #1

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Bradenton, Florida 34205 until **Tuesday, June 28, 2016 at 3:00 PM.**

Sincerely,



Dennis Wallace  
Procurement Contracts & Buyer Manager

## **SECTION 01150 MEASUREMENT AND PAYMENT**

### **PART 1 GENERAL**

#### **1.01 SCOPE**

- A. The scope of this section of the Contract Documents is to further define the items included in each Bid Item in the Bid Form section of the Contract Documents. Payment will be made based on the specified items included in the description in this section for each bid item.
- B. All contract prices included in the Bid Form section will be full compensation for all shop drawings, working drawings, labor, materials, tools, equipment and incidentals necessary to complete the construction as shown on the Drawings and/or as specified in the Contract Documents to be performed under this Contract. Actual quantities of each item bid on a unit price basis will be determined upon completion of the construction in the manner set up for each item in this section of the Specifications. Payment for all items listed in the Bid Form will constitute full compensation for all work shown and/or specified to be performed under this Contract.

#### **1.02 ESTIMATED QUANTITIES**

The quantities shown are approximate and are given only as a basis of calculation upon which the award of the Contract is to be made. The County does not assume any responsibility for the final quantities, nor shall the Contractor claim misunderstanding because of such estimate of quantities. Final payment will be made only for satisfactorily completed quantity of each item.

#### **1.03 WORK OUTSIDE AUTHORIZED LIMITS**

No payment will be made for work constructed outside the authorized limits of work.

#### **1.04 MEASUREMENT STANDARDS**

Unless otherwise specified for the particular items involved, all measurements of distance shall be taken horizontally or vertically.

#### **1.05 AREA MEASUREMENTS**

In the measurement of items to be paid for on the basis of area of finished work, the lengths and/or widths to be used in the calculations shall be the final dimensions measured along the surface of the completed work within the neat lines shown or designated.

#### **1.06 LUMP SUM ITEMS**

Where payment for items is shown to be paid for on a lump sum basis, no separate payment will be made for any item of work required to complete the lump sum items. Lump sum contracts shall be complete, tested and fully operable prior to request for final payment. Contractor may be required to provide a break-down of the lump sum totals.

#### **1.07 UNIT PRICE ITEM**

Separate payment will be made for the items of work described herein and listed on the Bid Form. Any related work not specifically listed, but required for satisfactory completion of the

work shall be considered to be included in the scope of the appropriate listed work items.

No separate payment will be made for the following items and the cost of such work shall be included in the applicable pay items of work. Final payments shall not be requested by the Contractor or made by the County until as-built (record) drawings have been submitted and approved by the County.

1. Shop Drawings, Working Drawings.
2. Clearing, grubbing and grading except as hereinafter specified.
3. Trench excavation, including necessary pavement removal and rock removal, except as otherwise specified.
4. Structural fill, backfill, and grading.
5. Replacement of unpaved roadways, and shrubbery plots.
6. Cleanup and miscellaneous work.
7. Foundation and borrow materials, except as hereinafter specified.
8. Testing and placing system in operation.
9. Any material and equipment required to be installed and utilized for the tests.
10. Pipe, structures, pavement replacement, asphalt and shell driveways and/or appurtenances included within the limits of lump sum work, unless otherwise shown.
11. Maintaining the existing quality of service during construction.
12. Maintaining or detouring of traffic.
13. Appurtenant work as required for a complete and operable system.
14. As-built Record Drawings.

#### **BID ITEM 1 & 11 - MOBILIZATION**

Measurement and payment for this Bid Item shall include full compensation for the required 100 percent (100%) Performance Bond, 100 Percent (100%) Payment Bond, 3-year warranty, all required insurance for the project and the Contractor's mobilization and demobilization costs as shown in the Bid Form. Mobilization includes, but it not limited to: preparation and movement of personnel, equipment, supplies and incidentals such as safety and sanitary supplies/ facilities

Payment for mobilization shall not exceed 10 percent (10%) of the total Contract cost unless the Contractor can prove to the County that his actual mobilization cost exceeds 10 percent (10%).

Partial payments for this Bid Item will be made in accordance with the following schedule:

Percent of Original Contract Amount:	Percent Allowable Payment of Mobilization/Demobilization Bid Item Price:
5	25
10	35
25	45
50	50
75	75
100	100

These payments will be subject to the standard retainage provided in the Contract. Payment of the retainage will be made after completion of the work and demobilization.

## **BID ITEM 2 - MAINTENANCE OF TRAFFIC**

Payment for all work included in this Bid Item will be made at the applicable Contract lump sum price bid for preparing and implementing all traffic control plans required by the County and FDOT, as necessary for construction shown on the plans, including supply of all traffic control devices, signs, flagmen, barricades, detours, night lighting, coordination with County staff, with end treatment as required during trench excavation, and other measures. Traffic plans shall be submitted to the County and are subject to approval by the County and FDOT. This payment shall also include all work for all erosion control work and facilities to meet federal, state, county, and local requirements. Payment shall represent full compensation for all labor, materials and equipment and for all incidentals necessary for completion of this Bid Item. Refer to the plans and specifications for additional project-specific MOT constraints and requirements. This pay item shall include the cost of all temporary roads and temporary road maintenance required for construction.

## **BID ITEM 3 - DEWATERING SYSTEM**

Payment for all work included in this Bid Item shall be made at the applicable Contract lump sum price bid for furnishing and installing all necessary equipment for the removal and disposal of groundwater required to properly install the proposed water and force main. No additional compensation will be made for this bid item. Payment for all work included in this Bid Item will be made at the applicable Contract lump sum price bid for providing dewatering in accordance with the Specifications and the Contract Drawings or as directed by the Project Representative. Payment shall represent full compensation for all labor, materials, equipment, and incidentals necessary to complete the work.

## **BID ITEM 4 - EXCAVATE AND REMOVE EXISTING 30" WATER MAIN**

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid per linear foot for removing the existing 30-inch diameter waterline as shown on the Contract Drawings or as directed by the Project Representative. Payment shall represent full compensation for all labor, materials, equipment, and incidentals necessary to complete the work, including disposal off site in accordance with all county requirements. This Bid Item also includes the sawcutting, removal and disposal off site of existing asphalt pavement and concrete curb and gutter to the limits shown on the drawings or where directed by the Project Representative.

## **BID ITEM 5 - FURNISH AND INSTALL NEW 30-INCH PRESSURE CLASS 350 CEMENT LINED DUCTILE DUCTILE IRON PIPE, RESTRAINED JOINT**

Payment for all work included in this Bid Item shall be made at the applicable Contract unit price bid per linear foot for furnishing and installing the listed diameter and class of ductile iron water main (AWWA C-151, Class 350) pipe as shown on the Contract Drawings or where directed by the Project Representative. Measurement and Payment shall be made for the actual length of the listed diameter pipe installed and acceptably furnished and will represent full compensation for all labor, materials, 10 gage copper clad steel wire, poly wrap, detectable tape, excavation, including rock, bedding, backfill, compaction, and disinfection and equipment required to complete these Bid Items. No additional compensation will be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill materials, or for repair of any settlement. Payment for all work included in this Bid Item will be made at the applicable

Contract unit price bid for furnishing and installing pipe joint restraints of the specified size in accordance with the Specifications and the Contract Drawings or as directed by the Project Representative. Payment shall represent full compensation for all labor, materials, equipment, and incidentals necessary to complete the work.

#### **BID ITEM 7 - PRESSURE TEST AND CHLORINATE 30-INCH WATER MAIN**

Payment for all work included in this Bid Item shall be made at the applicable Contract lump sum price bid for furnishing and installing all necessary equipment for all testing and chlorinating of the proposed water main. No additional compensation will be made for this bid item. Payment for all work included in this Bid Item will be made at the applicable Contract lump sum price bid for providing all testing and chlorinating in accordance with the Specifications and the Contract Drawings or as directed by the Project Representative. Payment shall represent full compensation for all labor, materials, equipment, and incidentals necessary to complete the work.

#### **BID ITEM 6,8, & 9 - DUCTILE IRON FITTINGS, WATER**

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid per each for furnishing and installing ductile iron fittings (cement-lined) as shown on the Contract Drawings or as directed by the Project Representative. Payment by unit price per each will be made for each fitting furnished and installed and shall represent full compensation for all labor, material, equipment, excavation, including rock, bedding, backfill, and compaction required to complete this Bid Item.

#### **BID ITEM 10 - 30" MJ CAP AND REVERSE DEADMAN RESTRAINT**

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid for furnishing and installing each cast in place 30" Cap and concrete deadman thrust block including all associated appurtenances. Payment shall represent full compensation for all labor, materials, hardware, coatings, thrust restraining rods, equipment, and incidentals necessary to complete the work, ready for approval and acceptance by the County. The location of the deadman and associated details is critical to prevent blowout of the waterline. The Contractor shall include all costs to complete the installation of the cap and reverse deadman. The Contractor shall be liable for all damages resulting from failure of the deadman.

#### **BID ITEM 12 - FURNISH AND INSTALL DOUBLE LINE STOP AND BY-PASS PIPING**

Payment for all work included in this Bid Item shall be made at the applicable Contract lump sum price bid for furnishing and installing two (2) line stops on the existing 8" force main and providing all bypass piping as shown on the Contract. Measurement and Payment shall be made for the lump sum price of the listed line stops with all necessary fittings, material, and equipment and will represent full compensation for all labor, materials, and excavation, testing and equipment required to complete this Bid Item. No additional compensation will be made for any work related to installing line stops or bypass pumping.

#### **BID ITEM 13 - SEWER PUMP TRUCK**

Payment for all work included in this Bid Item shall be made at the applicable Contract lump sum price bid for furnishing and providing all sewer pump trucks necessary to prevent any

sanitary sewer overflows until the bypass pumping work is up and running as shown on the Contract Drawings or where directed by the Project Representative. Measurement and Payment shall be made for the lump sum price of the listed sewer pump trucks with all necessary material and equipment and will represent full compensation for all labor, materials, and excavation, testing and equipment required to complete this Bid Item. No additional compensation will be made for any work related to dumping of the sewage from the dump truck. The Contractor shall work with Manatee County to determine appropriate dumping location during the work.

#### **BID ITEM 14 - FURNISH AND INSTALL LIGHT TOWERS FOR NIGHT WORK**

Payment for all work included in this Bid Item shall be made at the applicable Contract lump sum price bid for furnishing and providing all lighting needed to complete the installation of sanitary sewer force main until the bypass piping work is up and running as shown on the Contract Drawings. Measurement and Payment shall be made for the lump sum price of the listed lighting with all necessary material and equipment and will represent full compensation for all labor, materials, and equipment required to complete this Bid Item.

#### **BID ITEM 15 - FURNISH AND INSTALL PIPE AND FITTINGS TO HORIZONTALLY DEFLECT 8-INCH FORCE MAIN AROUND CURB INLET**

Payment for all work included in this Bid Item shall be made at the applicable Contract lump sum price bid for furnishing and installing the listed diameter, joint type and class of PVC force main (C-900) pipe with all fittings as shown on the Contract Drawings or where directed by the Project Representative. Measurement and Payment shall be made for the lump sum price of the listed diameter pipe installed with all necessary fittings and will represent full compensation for all labor, materials, and excavation, including rock, 10 gage copper clad steel wire, detectable tape, poly wrap, dewatering, bedding, backfill, compaction, testing and equipment required to complete this Bid Item. No additional compensation will be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill materials, or for repair of any trench settlement.

#### **BID ITEM 16 - FURNISH AND INSTALL 30"X6" STAINLESS STEEL TAPPING SLEEVE WITH TAPPING VALVE FOR FIRE HYDRANT LEAD**

Payment for all work included in this Bid Item shall be at the applicable Contract lump sum price bid for furnishing and installing the listed diameter tapping sleeve and tapping valve, box, cover and concrete pad as shown on the Contract Drawings. Prior to the tapping operation, the Contractor will contact the County as to the date and time of the proposed work. The tapping operation itself up to 12-inches in diameter will be performed by the County. All tapping operations larger than 12 inches in diameter shall be performed by the Contractor with the County's Representative present. Payment shall represent full compensation for all labor, material, excavation, including rock as necessary, bedding, coatings, backfill, compaction testing, disinfection and equipment required to complete this Bid Item.

#### **BID ITEM 17 - CONTRACT CONTINGENCY**

Payment for all work under this Bid Item shall be made only at the County's discretion. This Bid Item shall not exceed 10% of the Bidders Total Base Bid. The Bidder shall calculate and

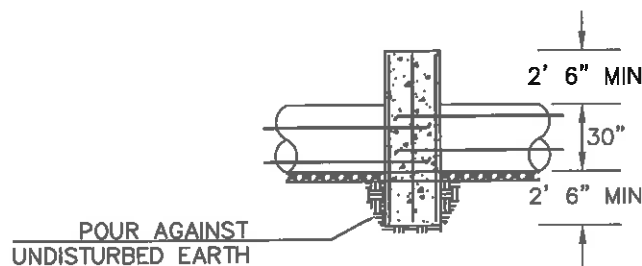
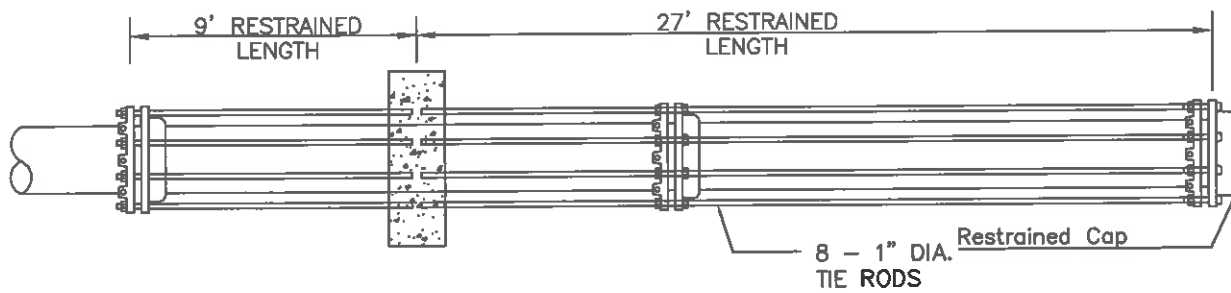
enter a dollar amount for this Bid Item.

**PART 2      PRODUCTS (NOT USED)**

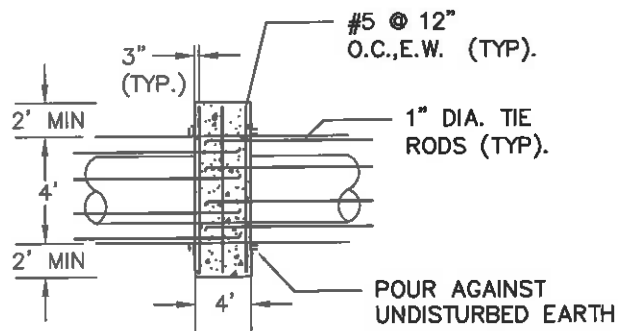
**PART 3      EXECUTION (NOT USED)**

**END OF SECTION**





**PROFILE**



**PLAN**

**MANATEE COUNTY**  
PUBLIC WORKS DEPARTMENT

REVERSE DEADMAN  
RESTRAINT

UG-7A

REV. BY DATE

JUNE 14, 2016

DATE OF APPROVAL