



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

September 29, 2014

TO: All Interested Bidders
SUBJECT: Invitation for Bids #14-3048CD
Force Main 15D Rehabilitation

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. **CHANGE** the first sentence of Article C.02, Minimum Qualifications of Bidders, on page C-1 of the Bid documents to read as follows:

No person who is not certified or registered as a General Contractor or Underground Utility Contractor pursuant to Florida Statutes, Chapter 489 on the day the Bid is submitted, and who has continuously held that certification or registration for a period of at least three (3) consecutive years immediately prior to the day the Bid is submitted, may be qualified to bid on this Project.

2. **DELETE** Bid Form page Bid Form-2 and **INSERT** Revised Bid Form-2 that is attached to this Addendum #1.
3. **DELETE** Section 01150, Measurement and Payment pages 01150-1 thru 01150-8, of the Technical Specifications and **INSERT** the Revised Section 01150, Measurement and Payment pages 01150-1 thru 01150-8 that are attached to this Addendum #1.
4. **CLARIFICATION** of Article 1.04.2, Substitutions and Product Options, of Section 01600 on page 1600-2 of the Technical Specifications:

The County and the Engineer of Record will not provide review and approval of "or equal" products prior to bid award. Prospective bidders are directed to bid on the products specified within the respective sections of the Technical Specifications. After award of the project, the County and the Engineer of Record will review requests for substitutions from the awarded Contractor, if requested, during shop drawing submittals to determine "or equal" status to the product(s) specified in the Technical Specifications.

5. **CHANGE** the Due Date and Time to **Tuesday, October 7, 2014 at 4:00 PM.**

The following questions have been presented by potential bidders:

QUESTION #1: Consideration needs to be made to allow for total southbound road closure of 59th Street West on both the north and south sides of Manatee Ave. to facilitate the installation of the 36" jack and bore, install of the 20" main to outside of the roadway, the install of the "dog house" manhole at station 10+00 and new service lateral on the south side of Manatee Ave. Safety is the driving factor that needs to be considered for both the general public and of the contractor.

RESPONSE #1: Considering the current level of traffic on 59th Street and coordination with the Florida Department of Transportation (FDOT), we will not be able to have a complete closure of the southbound road along 59th Street. One lane in both directions (north and south) has to remain open.

QUESTION #2: On plan sheet C-0.3, note number two (2) states that "one lane along 59th street west shall remain open at all times". Does this mean that one lane in one direction on 59th street west has to remain open at all times? Or that one lane in both directions (north and south) has to remain open. Please clarify.

RESPONSE #2: One lane in both directions (north and south) has to remain open.

QUESTION #3: On plan sheet C-0.3, notes number two (2) and number seven (7) conflict with each other. Note number (2) states that one lane shall remain open at all times and yet note number (7) states that lane closures can occur. Please clarify.

RESPONSE #3: Closure of individual lanes will be allowed per note number seven (7). However, one lane in both directions (north and south) has to remain open.

QUESTION #4: At station 15+15 the plans note to "remove the existing 45 degree bend install pipe and sleeve to connect into existing force main". Isn't the existing force main at this location 16" in size? If so won't a reducer be needed at this location to tie in the new to the existing? If a reducer is needed, the reducer should be included in with bid item #6 - Ductile Iron Fittings. The sleeve that the plans call for to connect to the existing force main also needs to be included in with bid item #6. Please clarify.

RESPONSE #4: Existing force main at the connection point is 20" in diameter. A record drawing has been included in this addendum #1 for your information.

QUESTION #5: On plan sheet C-0.1 the plans state to close the existing plug valve north of connection point, before tying into proposed force main. Once said plug valve is closed to connect the force mains, what is the time frame for tying in the two mains? How many lift stations are feeding the main at the tie in location? Will pump trucks be needed at lift stations to relieve stations to perform tie in?

RESPONSE #5: Pump trucks will be necessary at the following 4 lift stations in order to temporarily shut down the existing force main:

- LS 9D – 5th Avenue NW and 65th Street Court NW
- LS 10D – 9th Avenue NW and 8th Street NW
- LS 14D – 81st Street W and 2nd Avenue W
- LS 15D – Seville Circle and Palma Sola Blvd.

Connection must also be made outside of peak hours between 9PM and 5AM. Please coordinate with Nick Wagner (Lift Station Superintendent) with Manatee County for shutdown of Lift Stations. At least four days' notice needs to be provided to Mr. Wagner in order to coordinate shutdown- Phone Number: 941-792-8811 EXT 5377

Bid Items have been revised to include the provision of a minimum of 6 septic storage trucks to be used during the time frame of the connection.

QUESTION #6: What is the flow rate of effluent passing through the existing manhole that gets abandoned? This is needed to be able to figure what is needed to facilitate by-pass pumping. What is the distance to the next sanitary manhole to the south of the manhole that gets abandoned? This is needed for dis-charging purposes.

RESPONSE #6: Bypass pumping should not be required for the completion of this project. The existing manhole and gravity system should not be taken offline till the proposed doghouse manhole and force main has been built out, tested, cleared, and connected.

QUESTION #7: What bid item should by-pass pumping be included in with? Please clarify.

RESPONSE #7: Bypass pumping should not be required for the completion of this project.

QUESTION #8: On plan sheet G-02, under Dewatering Notes. Are there any associated fees related to items 1 and 2?

RESPONSE #8: Wastewater discharge fees as defined in the Manatee County Government Rate Resolution will apply to those who discharge wastewater generated from dewatering activities to the Manatee County sewer system. See the following website for Rate Resolution and Permit Application:

http://www.mymanatee.org/home/government/departments/utilities/wastewater-system/wastewater_compliance/dewatering.html

QUESTION #9: We would like the opportunity to bid Florock Resinous Flooring as an equal to the products specified for the above named project (see Subject). Section: 3.19 CONCRETE FLOORS A. EPOXY FLOOR COATINGS. Please advise where and to whom I can send a submittal packet for approval.

RESPONSE #9: The concrete floor's Article 3.19.A on pages 09900-21 thru 09900-22 of Section 09900 is not applicable to this project.

END OF ADDENDUM #1

Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Bradenton, Florida 34205 until **Tuesday, October 7, 2014 at 4:00 PM.**

Sincerely,


Melissa M. Wendel, CPPO
Purchasing Official

BID FORM

(Submit in Triplicate)

FORCE MAIN 15D REHABILITATION**Bid Based on Completion Time of 90 Calendar Days**

ITEM NO.	DESCRIPTION	UNITS	QTY.	BID PRICE PER UNIT (\$)	TOTAL BID PRICE (\$)
1	Mobilization	LS	1	\$	\$
2	Maintenance of Traffic	LS	1	\$	\$
3	Erosion and Sediment Control	LS	1	\$	\$
4	20" PVC DR 21 Force Main	LF	340	\$	\$
5	20" Pipe Restraints	EA	26	\$	\$
6	Ductile Iron Fittings	EA	4	\$	\$
7	5" Sewer Service Lateral and Cleanouts	LF	40	\$	\$
8	Grout Fill Abandoned 16" Forcemain and Manhole	CY	30	\$	\$
9	Dog House Concrete Manhole	EA	1	\$	\$
10	Jack and Bore with 36" Steel Casing	LF	170	\$	\$
11	Core Manhole for Proposed Pipe Connection	EA	1	\$	\$
12	Concrete Driveway/ Sidewalk Restoration	SY	340	\$	\$
13	Pavement Repair and Road Restoration (Base & Resurface)	SY	100	\$	\$
14	Pavement Repair and Road Restoration (Mill & Resurface)	SY	250	\$	\$
15	Sodding	SY	50	\$	\$
16	Tree and Shrub Replacement	EA	4	\$	\$
17	Curb and Gutter Replacement	LF	40	\$	\$
18	Force Main Shutdown	1	LS	\$	\$
	TOTAL BASE BID - Based on Completion Time of 90 Calendar Days				\$
19	CONTRACT CONTINGENCY WORK (USED ONLY WITH COUNTY APPROVAL)			10% OF TOTAL BASE BID	\$
	TOTAL OFFER with Contract Contingency - Based on Completion Time of 90 Calendar Days				\$

Bidder Name: _____

Authorized Signature: _____

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. Dewatering and disposal of surplus water.
5. Structural fill, backfill, and grading.
6. Replacement of unpaved roadways, and shrubbery plots.
7. Cleanup and miscellaneous work.
8. Foundation and borrow materials, except as hereinafter specified.
9. Testing and placing system in operation.
10. Any material and equipment required to be installed and utilized for the tests.
11. Pipe, structures, pavement replacement, asphalt and shell driveways and/or appurtenances included within the limits of lump sum work, unless otherwise shown.
12. Maintaining the existing quality of service during construction.
13. Maintaining or detouring of traffic.
14. Appurtenant work as required for a complete and operable system.
15. Seeding and hydro mulching.
16. As-built Record Drawings.

BID ITEM NO. 1- 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, 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 NO. 2 - MAINTENANCE OF TRAFFIC

Payment for all work included, but is not limited to, under this Bid Item shall represent full compensation in accordance with the lump sum price bid for all maintenance of traffic, including coordination with the City of Bradenton and FDOT and all equipment and manpower necessary to comply with the FDOT Design Standards 600 Series.

Measurement for periodic payments of this lump sum bid item will be in accordance with the approved Schedule of Values, to be supplied by the Contractor in accordance with the Contract Documents.

BID ITEM NO. 3 - EROSION AND SEDIMENT CONTROL

Payment for all work included, but is not limited to, under this Bid Item shall represent full compensation in accordance with the lump sum price bid for erosion and sediment control.

Measurement for periodic payments of this lump sum bid item will be in accordance with the approved Schedule of Values, to be supplied by the Contractor in accordance with the Contract Documents.

BID ITEM NO. 4 - 20" PVC DR 21 FORCE MAIN

Payment for all work included in this Bid Item shall be made at the applicable Contract unit price bid per the schedule of prices for furnishing and installing the listed diameter PVC force main (AWWA C-900, CL-150 or C-905, CL-235) pipe as shown on the Contract Drawings and listed on the Bid Form. Measurement and Payment shall be made for the actual length of the listed diameter pipe and installed and will represent full compensation for all labor, materials, excavation, including rock, dewatering, bedding, backfill, compaction, testing and equipment required to complete these Bid Items. No additional compensation shall be made for excavation below the bottom of the pipe, for rock removal or bedding and backfill material, or for repair of any trench settlement.

BID ITEM NO. 5 - 20" PIPE RESTRAINTS

Payment for all work included in this Bid Item shall be made at the applicable Contract unit price bid

per each restraint required to restrain the piping required by the Contract Drawings. Measurement will be based on each complete restraint furnished and installed except where specifically included in another pay item. Payment shall represent full compensation for all labor, material, equipment, excavation, including rock, bedding, backfill, compaction, and testing required to complete this Bid Item. This Bid Item includes the installation of restraints (EBAA Iron or equal) used in restraining PVC and ductile iron pipe of the specified type acceptably furnished and installed as shown on the drawings or where directed by the Project Representative and in accordance with the pipe and restraint manufacturer's requirements. The work shall include, but is not limited to, all bolts, nuts, washers, gaskets, and all other related and necessary materials, work and equipment required or associated with this item.

BID ITEM NO. 6 - DUCTILE IRON FITTINGS

Payment for all work included in these Bid Items will be made at the applicable Contract unit price bid for furnishing and installing each listed ductile iron fitting (epoxy lined) as shown on the Contract Drawings and listed on the Bid Form. Payment will be made for each fitting installed and will represent full compensation for all labor, material, excavation, including rock, bedding, backfill, compaction, testing and equipment required to complete these Bid Items.

BID ITEM NO. 7 - 6" SEWER SERVICE LATERAL AND CLEANOUTS

Payment for work included under this Bid Item shall be made at the Contract unit price bid for each single or double sewer service lateral and connection at the main line sewer, 6-inch diameter service line to the location designated on the Contract Drawings or as alternately requested by the property owner, and including all bends, fittings, structures, concrete encasement, the vertical extension, cap and concrete pad at the surface, all as shown on the service connection detail on the Contract Drawings and all other appurtenances including all labor, equipment, and materials necessary to complete each service connection. The elevation depth below grade as shown in the service connection detail on the Contract Drawings for the lateral invert shall be maintained by the Contractor installing the sanitary sewer service line.

All service locations shown on the Contract Drawings are approximate and it shall be the responsibility of the Contractor to contact all homeowners and businesses for locating the owner's septic tank and determine, subject to approval by the County, the best locations and depth for each service lateral. Locations of all connections at the main line sewer and at the property line by station and offset method shall be recorded on the as-built drawings to be furnished to County by the Contractor.

Also included in payment shall be all excavation, including rock as necessary, bedding, backfill, compaction, testing, extensions and caps all as shown on the Contract Drawings, furnished and installed watertight, ready for approval by the County acceptance.

BID ITEM NO. 8 - GROUT FILL ABANDONED 16" FORCE MAIN AND MANHOLE

Payment for all work included, but is not limited to, under this Bid Item shall represent full compensation in accordance with the unit price bid per cubic yard of grout fill that is required for abandoned 16" force main, manhole, and 24" sewer main.

Measurement for the grout fill shall be per cubic yard as shown on the Contract Drawings or as ordered by the Engineer in writing.

BID ITEM NO. 9 - DOG HOUSE CONCRETE MANHOLE

Payment for work under this Bid Item shall be made at the Contract unit price bid for each manhole furnished and installed including frame and cover, construction of invert, all protective liners, drop connections, sealing of lift holes, rainwater protector, etc.

Measurement shall be for each manhole installed complete and accepted. Payment shall be made per unit price for the category of depth as determined by the proposed rim and invert. All stubs and plugs shown or called for on the Contract Drawings shall be included in the unit price bid for manholes. Excavation, including rock as necessary, bedding, backfill, dewatering, sheeting, testing and any and all other items necessary for a completed system in accordance with the Contract Documents shall be included. Payment shall represent full compensation for all labor, materials, equipment and incidental items necessary to complete each concrete manhole structure, ready for approval and service by the County.

BID ITEM NO. 10 - JACK AND BORE WITH 36" STEEL CASING

Payment for all work included, but is not limited to, under this Bid Item shall represent full compensation in accordance with the unit price bid per length foot of jack and boring including the jack and bore, 36" steel casing, 20" PVC DR 21 Piping, casing spacers, and end seals, as well as the cost to remove and replace existing traffic loop.

Measurement for the jack and bore shall be per length foot as shown on the Contract Drawings or as ordered by the Engineer in writing. Excavation, including rock as necessary, bedding, backfill, dewatering, sheeting, testing and any and all other items necessary for a completed system in accordance with the Contract Documents shall be included. Payment shall represent full compensation for all labor, materials, equipment and incidental items necessary to complete each concrete manhole structure, ready for approval and service by the County.

BID ITEM NO. 11 - CORE MANHOLE FOR PROPOSED PIPE CONNECTION

Payment for all work included, but is not limited to, under this Bid Item shall represent full compensation in accordance with the unit price bid for the modification of the manhole to allow for all pipe connections.

Measurement for the meter assembly's shall be per core required as shown on the Contract Drawings or as ordered by the Engineer in writing.

BID ITEM NO.12 - CONCRETE DRIVEWAY/SIDEWALK RESTORATION

Payment for all work included, but is not limited to, under this Bid Item shall represent full compensation in accordance with the unit price bid per length foot of concrete driveway/sidewalk replacement. Maximum horizontal opening for cut is 8 feet.

Measurement for the concrete driveway/sidewalk repair shall be per length foot as shown on the Contract Drawings or as ordered by the Engineer in writing.

BID ITEM NO. 13 - PAVEMENT REPAIR AND ROAD RESTORATION (BASE & RESURFACE)

Payment for all work included under this Bid Item will be made at the Contract unit price bid per square yard of base, subbase and tonnage of asphalt for furnishing, installing and testing the road restoration pavement section within these Specifications and as listed on the Bid Form. Measurement will be based on the actual number of square yards of road restoration (base and resurfacing) installed, tested, complete and approved. The measurement will be from face of curb to face of curb or as specified, but not greater than the width of the existing roadway prior to construction. Payment will include complete restoration of the roadway section in accordance with the applicable details on the Contract Drawings, but not less than 1-1/2 inches of FDOT Type III asphaltic concrete, the necessary base, subbase or compacted suitable excavation material all in accordance with these Specifications. No payment for restoration of a private driveway within or outside the right-of-way shall be made under this Bid Item. Payment shall include all items and incidentals necessary to complete the road restoration in accordance with the requirements of Manatee County ready for approval and acceptance by the County.

BID ITEM NO. 14 - PAVEMENT REPAIR AND ROAD RESTORATION (MILL & RESURFACE)

Payment for all work included under this Bid Item will be made at the Contract unit price bid per square yard of base, subbase and tonnage of asphalt for furnishing, installing and testing the road restoration pavement section within these Specifications and as listed on the Bid Form. Measurement will be based on the actual number of square yards of road restoration (milling and resurfacing) installed, tested, complete and approved. The measurement will be from face of curb to face of curb or as specified, but not greater than the width of the existing roadway prior to construction. Payment will include complete restoration of the roadway section in accordance with the applicable details on the Contract Drawings, but not less than 1-1/2 inches of FDOT Type III asphaltic concrete, the necessary base, subbase or compacted suitable excavation material all in accordance with these Specifications. No payment for restoration of a private driveway within or outside the right-of-way shall be made under this Bid Item. Payment shall include all items and incidentals necessary to complete the road restoration in accordance with the requirements of Manatee County ready for approval and acceptance by the County.

BID ITEM NO. 15 - SODDING

Payment for all work included in these Bid Items will be made at the applicable Contract unit price bid per square yard for furnishing and installing sodding as shown on the Contract Drawings and listed on the Bid Form. Payment shall represent full compensation for all labor, materials, necessary equipment, and incidentals necessary to complete the work, ready for approval and acceptance by the County.

BID ITEM NO. 16 - TREE AND SHRUB REPLACEMENT

Payment for all work included in these Bid Items will be made at the applicable Contract unit price bid per tree/shrub as shown on the Contract Drawings and listed on the Bid Form. Payment shall represent full compensation for all labor, materials, necessary equipment, and incidentals necessary to complete the work, ready for approval and acceptance by the County.

BID ITEM NO. 17 - CURB AND GUTTER REPLACEMENT

Payment for all work included in this Bid Item will be made at the applicable Contract unit price bid per linear foot for removal of existing curbing and for furnishing and placing the Type F curb as shown on the Drawings and listed on the Bid Form. Measurement will be per actual number of linear feet of Type F curbing installed. Payment shall represent full compensation for removal of existing curb and all labor, material and equipment for compacting subgrade, forming, furnishing, placing the concrete, and finishing as specified and all incidentals necessary for completion of this Bid Item, ready for approval and acceptance by the County.

BID ITEM NO. 18 - FORCE MAIN SHUTDOWN

Payment for all work included, but is not limited to, under this Bid Item shall represent full compensation in accordance with the lump sum price bid for the temporary shutdown of the existing force main in order to connect the proposed force main. A minimum of six (6) septic trucks are anticipated to be able to shut down the existing four (4) lift stations connected to force main 15D.

Measurement for periodic payments of this lump sum bid item will be in accordance with the approved Schedule of Values, to be supplied by the Contractor in accordance with the Contract Documents.

PART 2 PRODUCTS (NOT USED)

PART 3 EXECUTION (NOT USED)

END OF SECTION

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