



**Addendum No. 2 to ITB 2018-02
MEDART LIFT STATION BYPASS
Issued February 15, 2018**

SECTION 2.0 SCHEDULE OF EVENTS – See dates added in RED below

Failure to comply with this or any other paragraph of this ITB shall be sufficient reason for rejection of the Bid.

All times listed in the Schedule of Events are Eastern Standard Time (EST).

<i>Event</i>	<i>Date/Time</i>
Bid Advertisement Date	January 18, 2018
Release of Invitation to Bid	January 18, 2018
Addendum No. 1 Issued	January 18, 2018
Mandatory Pre-Bid Conference	February 1, 2018 @3:00 P.M.
Technical Questions Due from Prospective Bidder	February 8, 2018
Responses to technical questions due	February 15, 2018
Addendum No. 2 Issued	February 15, 2018
BIDS DUE TO BOCC	February 22, 2018 @ 3:00 P.M. February 26, 2018 @ 3:00 P.M.
Posting of Intended Award	February 23, 2018 March 1, 2018
Board Consideration of Intended Award	March 5, 2018 March 19, 2018
Posting of Notice of Award	March 6, 2018 March 20, 2018

Addendum No. 2 is hereby issued to revise the Procurement Schedule, clarify Bid Bond Requirements,

**and provide answers to questions received by the
February 8, 2018 deadline.**

- 1) Section 2.0 Schedule of Events is modified as follows
 - a. Bids due to BOCC: February 26, 2018
 - b. Posting of Intended Award: March 1, 2018
 - c. Board Consideration of Intended Award: March 19, 2018
 - d. Posting of Notice of Award: March 20, 2018
- 2) A Bid Bond is required with submission of bids. **A Bid Bond Form is included with this Addendum as Attachment D.** Please note changes to the following sections of the ITB:

Section 3.3 BID CONSTRUCTION

TAB 5 – BID BOND

~~{if applicable, this should be included}~~

A Bid Bond for five percent (5%) of the amount of the bid is required.

Section 7.6 Insurance Requirements and Bond Requirements

7.6.1 Insurance Verification Requirements – See Appendix D, Exhibit F.

7.6.2 Bond Requirements - **A Bid Bond for five percent (5%) of the amount of the bid is required.** Performance and Payment Bond requirements are set forth in the Contract and conditions incorporated into this ITB as Appendix D, Exhibit D and E.

- 3) Clarifications and answers to questions are provided below by Dewberry Preble Rish



ADDENDUM NO. 2

DATE: February 15, 2018
TO: ALL PLAN HOLDERS
FROM: DEWBERRY | PREBLE-RISH
324 MARINA DRIVE
PORT ST. JOE, FL 32456
850.227.7200 850.227.7215 FAX
CC: DAVID EDWARDS, COUNTY ADMINISTRATOR, WAKULLA COUNTY
PHILIP JONES, PROJECT MANAGER, PRI
PROJECT NAME: MEDART LIFT STATION BYPASS
PROJECT NO.: 50097941

Please note the following clarification regarding the above referenced project:

GENERAL

- Fusible PVC is not an approved alternative to HDPE on this project. Conventional PVC and HDPE forcemains are standard in the existing system and the Owner does not approve this alternative at this time.

ITB DOCUMENT

- Updated Bid Form shall include additive alternate for the lining of the Library Lift Station and Eden Springs Lift Station with spray-in liner (SpectraShield or Raven) in compliance with liner manufacturer's recommendations. (See Attachment A)

CONSTRUCTION DRAWINGS

- Sheet OA1: SEQUENCE OF CONSTRUCTION note # 4 shall read as follows: "AT MEDART LS, REMOVE PUMPS, MIXER, GENERATOR, ODOR CONTROL (EXCEPT TANK AND MEDIA), ELECTRICAL EQUIPMENT (TO INCLUDE SERVICE DISCONNECT), AND CABLES/APPURTENANCES ASSOCIATED WITH THIS EQUIPMENT. ALL EQUIPMENT FROM MEDART LS SHALL BE REINSTALLED AT LS # 76 EXCEPT MIXER WHICH SHALL BE DELIVERED TO ESG, INC AND ODOR CONTROL TANK WITH MEDIA WHICH SHALL BE INSTALLED BY ESG, INC. CONTRACTOR IS RESPONSIBLE FOR COORDINATING THE INSTALLATION OF THE ODOR CONTROL TANK AND MEDIA WITH ESG, INC AND CONTRACTOR IS RESPONSIBLE FOR PREPARING SITE AND ANY NECESSARY APPURTANCES TO RECEIVE ODOR CONTROL TANK AND MEDIA. KSB PUMPS FROM MEDART LS (INCLUDING SPARE PUMP, TOTAL OF 3) SHALL BE SENT TO VENDOR FOR UPGRADES TO WET END (IMPELLER CHANGED TO "VORTEX" STYLE) AND COUPLING TO MATCH EXISTING LS #76 GUIDE RAIL SYSTEM PRIOR TO INSTALLATION IN LS #76. WHILE AT THE SHOP FOR UPGRADES, PUMPS SHALL BE SERVICED AND HAVE BEARINGS AND SEALS REPLACED AND THE MOTORS SURGE TESTED.

- The following notes shall be included on Sheet C5 in reference to the abandonment of the Medart Lift Station:

ABANDONMENT NOTES

1. ALL MATERIAL AND EQUIPMENT HAVING BEEN IN CONTACT WITH RAW SEWAGE SHALL BE PROPERLY CLEANED AND DISINFECTED PRIOR TO DISPOSAL. ANY REMAINING SEWAGE SHALL BE PUMPED FROM WET WELL AND PROPERLY DISPOSED. ALL WALLS AND FLOORS SHALL BE HYDRO-BLASTED AND DISINFECTED PRIOR TO DEMOLITION.
 2. DEMOLITION WORK SHALL NOT PROCEED UNTIL ALL PROPOSED COMPONENTS OF THE FORCEMAIN AND SYSTEM LIFT STATION UPGRADES AS PRESCRIBED IN THE SEQUENCE OF CONSTRUCTION ARE COMPLETED, CLEARED, AND CERTIFIED OPERATIONAL BY THE ENGINEER.
 3. STRUCTURES ON SITE LESS THAN 4 FEET BELOW GRADE SHALL BE REMOVED. STRUCTURES DEEPER THAN 4' SHALL HAVE HOLES PLACED IN THE BOTTOM AND SHALL BE FILLED TO GRADE WITH CLEAN, SELECT FILL TO ALLOW FOR PROPER DRAINAGE.
 4. SITE SHALL BE CLEANED AND GRADED. UPON APPROVAL BY OWNER, EXISTING FENCING AROUND SITE SHALL BE REMOVED.
- Sheet LS 1.0 and LS 2.0: General Note #10 shall be changed to the following: *"ALL PROPOSED CONCRETE IN WET WELL SHALL BE COATED WITH COAL TAR EPOXY PER MANUFACTURERS RECOMMENDATION. JOINT BETWEEN PROPOSED AND EXISTING STRUCTURE SHALL BE SEALED PER MANUFACTURER RECOMMENDATION FOR CORROSION INHIBITION."*
 - Sheet LS 1.1: The scale is incorrect. It is 1" = 10'-0".
 - Sheet D2: Add SANITARY SEWER STANDARD MANHOLE detail from Attachment B to this sheet. Note that any temporary structures demolished or removed prior to the completion of the project shall not include an interior lining system.
 - Sheet D2: DIP THRUST RESTRAINTS and PVC THRUST RESTRAINTS details shall be replaced by THRUST RESTRAINTS detail in Attachment C.

Attachment A
Updated Bid Form

MEDART LIFT STATION BYPASS

PROJECT #50097941

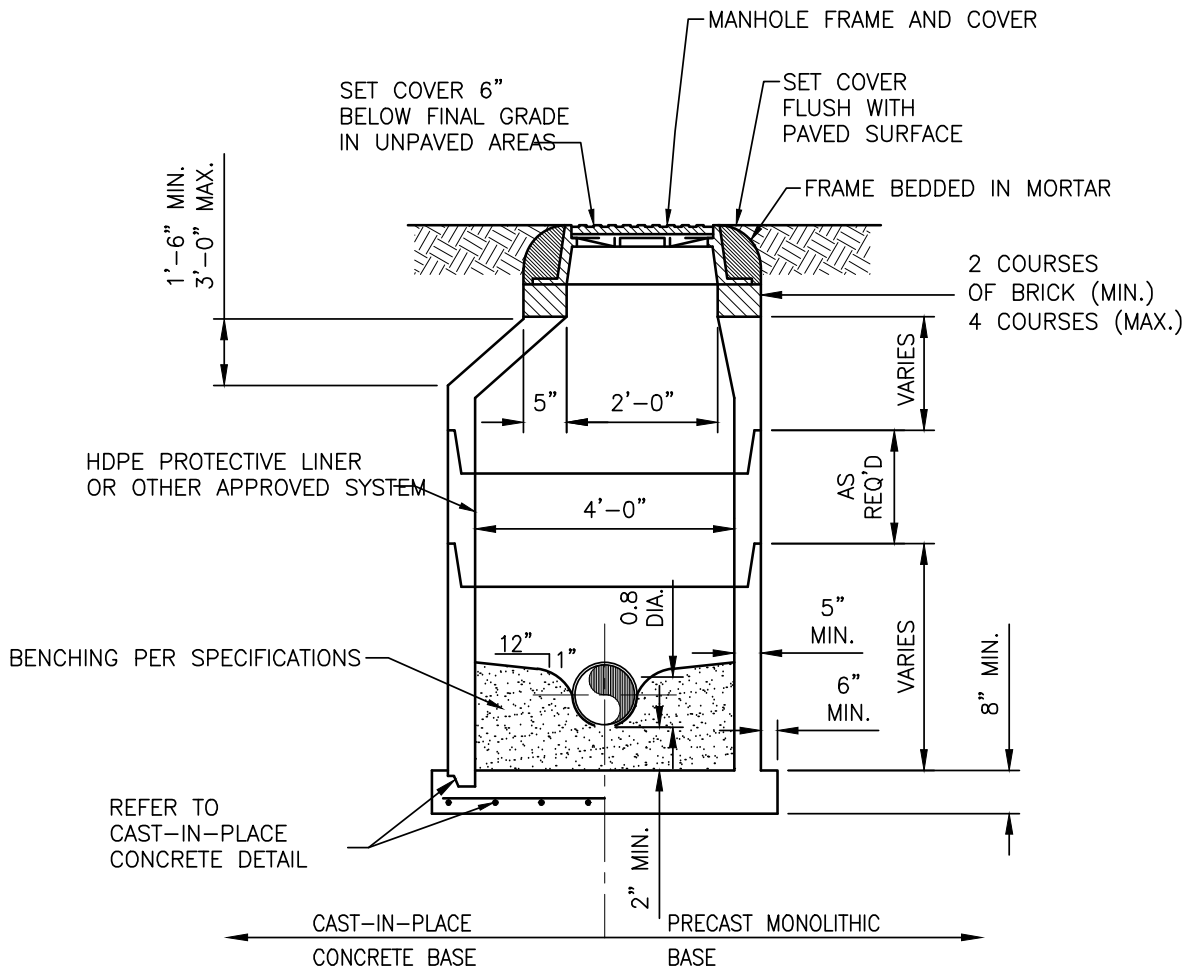
COMPREHENSIVE ITEMS					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	COST
a.	Mobilization	1	LS		\$ -
b.	Bonds and Insurance	1	LS		\$ -
c.	Layout	1	LS		\$ -
TOTAL COMPREHENSIVE ITEMS					\$ -

WASTEWATER COLLECTION SYSTEM					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	COST
3.00	LIFT STATIONS - COMPLETE; to include all work associated with lift station site as noted in plans				
3.01	LIBRARY LIFT STATION - complete; operational with all electrical controls, electrical connections, site requirements, and start-up.	1	LS		\$ -
3.02	EDEN SPRINGS LIFT STATION - complete; operational with all electrical controls, electrical connections, site requirements, equipment relocation, and start-up.	1	LS		\$ -
3.03	MEDART LIFT STATION - complete; to include bypass pumping, removal and relocation of equipment, and abandonment of wet well	1	LS		\$ -
3.04	JERRY MOORE LIFT STATION - complete; operational with all electrical controls, electrical connections, site requirements, equipment relocation, upgrades to existing Medart LS pumps, and start-up.	1	LS		\$ -
3.05	PANACEA LIFT STATION - complete; complete; operational with all electrical controls, electrical connections, site requirements, equipment relocation, and start-up.	1	LS		\$ -
TOTAL LIFT STATIONS					\$ -
4.00	FORCE MAIN (PVC) - to include all required valves and fittings				
4.01	FORCE MAIN 3"	70	LF		\$ -
4.02	FORCE MAIN 10"	50	LF		\$ -
4.03	FORCE MAIN 12"	9,980	LF		\$ -
TOTAL FORCEMAINS					\$ -
5.00	DIRECTIONAL BORE (HDPE) - to include required fittings				
5.01	4 Inch	65	LF		\$ -
5.02	14 Inch	905	LF		\$ -
TOTAL DIRECTIONAL BORES					\$ -
6.00	JACK AND BORE				
6.01	10" PVC Carrier with 18" Steel Casing	55	LF		\$ -
8.00	AIR RELIEF VALVE ASSY				
8.01	2 inch assembly	3	EA		\$ -
TOTAL AIR RELIEF					\$ -

9.00	RESTORATION				
9.01	Roadway Restoration per FDOT Specifications	1	LS		\$ -
9.03	Grass and Mulch of Disturbed Areas	5,650	SY		\$ -
	TOTAL RESTORATION				\$ -
10.00	GENERAL				
10.01	TESTING & LAYOUT	1	LS		\$ -
10.03	CERTIFIED RECORD DWGS AutoCADD	1	LS		\$ -
10.04	TRAFFIC CONTROL	1	LS		\$ -
10.05	EROSION CONTROL (per NPDES Permit)	1	LS		\$ -
10.06	REMOVE AND REPLACE MAILBOXES, SIGNAGE, FENCING, ETC.	1	LS		\$ -
	TOTAL GENERAL				\$ -
	TOTAL BASE BID				

ADDITIVE ALTERNATE					
ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	COST
11.00	SPRAY-IN LINER IN LIFT STATIONS - Install SpectraShield or Raven liner system per manufacturer's specifications, including any necessary cleaning of wet well prior to application				
11.01	LIBRARY LIFT STATION LINING - complete	15	VF		\$ -
11.02	EDEN SPRINGS LIFT STATION LINING - complete	15	VF		\$ -
	TOTAL ADDITIVE ALTERNATE				

Attachment B
Detail: Sanitary Sewer Standard Manhole



NOTES:

1. MANHOLE SHOWN IS FOR SEWER SIZE 8" THRU 18", MANHOLE DIAMETER FOR SEWERS GREATER THAN 18" SHALL BE AS APPROVED BY CITY'S ENGINEERS.
2. DROP CONNECTIONS ARE REQUIRED WHENEVER INVERT OF INFLUENT SEWER IS 24" OR MORE ABOVE THE INVERT OF THE MANHOLE. SEE TYPICAL MANHOLE DROP PIPE CONNECTION.
3. APPROVED CONCENTRIC CONE DESIGN MAY BE USED AS AN ALTERNATIVE.
4. THE INTERIOR OF ALL MANHOLES SHALL BE HDPE LINED OR OTHER APPROVED SYSTEM.
5. THE EXTERIOR OF ALL MANHOLES SHALL BE COATED WITH COAL TAR. (2 COATS, 9 MILS EACH)
6. PIPE SHALL NOT BE INSTALLED IN CONSTRUCTION JOINT OF A MANHOLE.

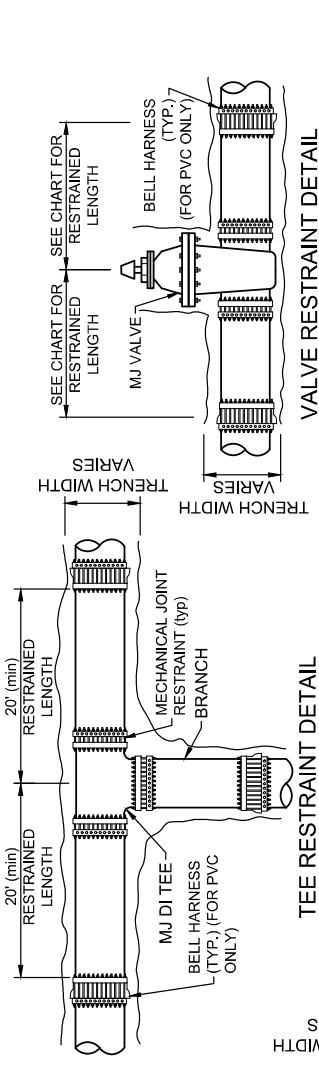
SECTION

DETAIL - SANITARY SEWER STANDARD MANHOLE

SCALE: N.T.S.

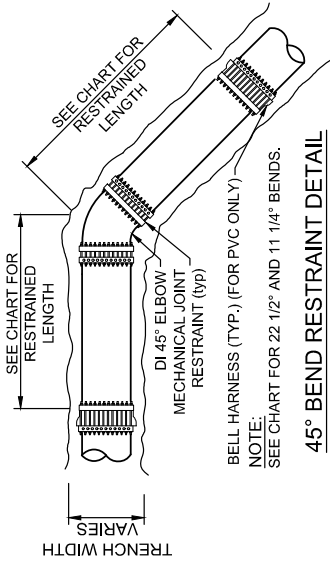
Attachment C
Detail: Thrust Restraints

MAIN PIPE SIZE	HORIZ. BENDS		TEES		REDUCERS		PLUGS
	90°	45° 22.5°	SIZE	LENGTH	SIZE	LENGTH	
48	128	53	X48	X36 106	X42 75	X30 39	321
42	117	49	X42	X30 106	X36 75	X24 40	289
36	106	44	X36	X24 102	X30 75	X20 41	257
30	93	39	X30	X16 88	X24 78	X16 41	222
24	79	33	X24	X12 88	X20 78	X12 41	185
20	68	29	X20	X10 88	X16 78	X10 41	159
16	57	24	X16	X8 88	X12 78	X8 41	131
12	45	19	X12	X6 88	X10 78	X6 41	102
10	39	16	X10	X6 88	X8 78	X4 41	87
8	33	14	X8	X4 88	X6 78	X4 41	72
6	25	11	X6	X4 88	X4 78	X4 41	55
4	18	8	X4	X4 88	X4 78	X4 41	39



TEE RESTRAINT DETAIL

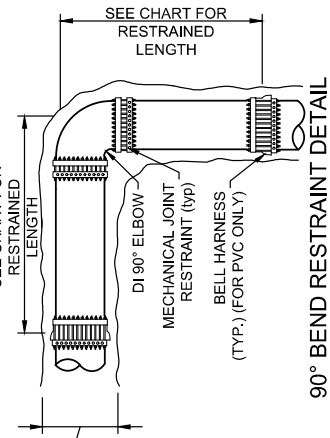
TRENCH WIDTH VARIES



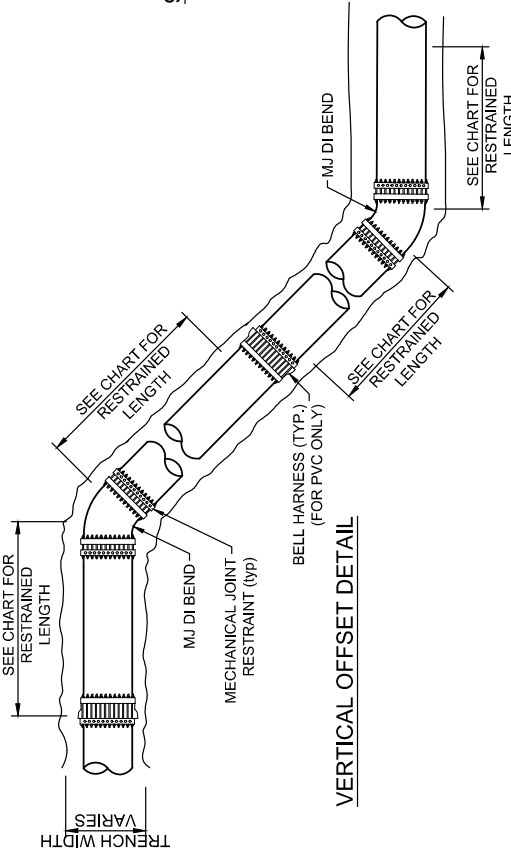
90° BEND RESTRAINT DETAIL

NOTES:

1. RESTRAIN TO NEXT FULL JOINT BEYOND GIVEN LENGTH.
2. RESTRAIN 11.25' BENDS 50% OF LENGTH FOR 22.5° BENDS.
3. ALL VALVES AND FITTINGS SHALL BE RESTRAINED TO THE CONNECTING SECTIONS OF PIPE.
4. ALL VALVES MUST BE PROPERLY ANCHORED OR RESTRAINED TO RESIST A 150 PSI TEST PRESSURE IN EITHER DIRECTION.
5. PIPE SIZES ARE GIVEN IN INCHES.
6. PIPE LENGTHS ARE GIVEN IN FEET.
7. LENGTHS SHOWN ARE FOR A TEST PRESSURE OF 150 PSI.
8. RESTRAIN LENGTHS ARE TO BE USED FOR WATER.
9. THE RESTRAINED LENGTHS SHOWN IN THESE TABLES ARE BASED ON THE USE OF LIGHTLY COMPACTED CLEAN SAND WITH AT LEAST A 95% COARSE PARTICLE CONTENT. ACTUAL SOIL CONDITIONS MUST BE DETERMINED BY THE ENGINEER OF RECORD AND THE RESTRAINED LENGTHS MODIFIED ACCORDINGLY. SAFETY FACTOR OF 1.5:1 TO BE CALCULATED WITH A "SM" SOIL TYPE AND TRENCH TYPE "3".



45° BEND RESTRAINT DETAIL



VERTICAL OFFSET RESTRAINT DETAIL

DETAIL THRUST RESTRAINTS

SCALE: N.T.S.

Attachment D
Detail: Bid Bond Form

ITB 2018-02 MEDART LIFT STATION BYPASS
APPENDIX F: BID BOND FORM

QUOTE (or BID) BOND

KNOW ALL MEN BY THESE PRESENTS, that we, the undersigned, _____ as Principal, and _____, as Surety, are hereby held and firmly bound unto the _____, as OWNER in the penal sum of _____ for the payment of which, will and truly be made, we hereby jointly and severally bind ourselves, successors and assigns. Signed this ____ day of 20___. The Condition of the above obligation is such that whereas the principal has submitted to Wakulla County Board of County Commissioners, a certain BID, attached hereto and hereby made a part hereof to enter into a contract in writing, for the construction of: _____.

NOW THEREFORE,

- (a) If said BID shall be rejected, or
- (b) If said BID shall be accepted and the Principal shall execute and deliver a contract in the Form of Contract attachment hereto (properly completed in accordance with said BID) and shall furnish a BOND for faithful performance of said contract, and for the payment of all persons performing labor or furnishing materials in connection therewith, and shall in all other respects perform the agreement created by the acceptance of said BID, then this obligation shall be void, otherwise the same shall remain in force and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its BOND shall be in no way impaired or affected by any extension of the time within which the OWNER may accept such BID; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

Principal

Surety

By: _____

IMPORTANT - Surety companies executing BONDS must appear on the Treasury Department's most current list (Circular 570 as amended) and be authorized to transact business in the state where the project is located.