

December 20, 2017

BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
ADDENDUM NO. 2 / IFB NO. Y18-717-TA

UTILITIES WEST AREA FORCE MAIN IMPROVEMENTS-PACKAGE 1

BID OPENING DATE: ~~January 9, 2018~~ January 18, 2018

This Addendum is hereby incorporated into the bid documents of the project referenced above. The following items are clarifications, corrections, additions, deletions and/or revisions to and shall take precedence over the original documents. Additions are indicated by underlining, deletions are indicated by ~~strikethrough~~.

A. Bid opening date is hereby changed from ~~January 9, 2018~~ to January 18, 2018

B. QUESTIONS AND RESPONSES

1. Q: Will the Contractor be required to remove the existing ARV assembly from the grout filled force main?

A: Existing air release valves shall be salvaged as specified in Specification Section 02080 - *Abandonment, Removal, and Salvage or Disposal of Existing Pipe*. Payment for these items will be made under Bid Item Numbers 20-22, and 23-24.

2. Q: Is striping included in the open cuts?

A: Pavement markings, both temporary and permanent as required by Orange County Public Works, are included under Specification Section 01025 *Measurement and Payment*, Bid Items 12-14, and Specification Section 02573 - *Asphalt Pavement Removal and Replacement*.

3. Q: What item covers the removal and replacement of street signs and mailboxes?

A: Removal and replacement of street signs and mailboxes are included under Specification Section 01025 *Measurement and Payment*, Bid Items 27-31.

4. Q: Will the utility vaults in conflict be relocated by the Utility provider?

A: Utility handholds, pullboxes, and vaults will not be relocated by the utility provider. In accordance with Specification Section 01001, 1.14, F - *General Work Requirements* and the Project General Notes, sheet G-102, conflicts with existing utilities shall be avoided wherever possible and any conflicts

shall be reported to the Owner immediately upon discovery and detailed in a written report for resolution. Refer to revised drawing sheet U-103, attached and labelled this Addendum.

5. Q: What item covers the removal and resetting of fences?

A: Removal and resetting fences is included under Specification Section 01025 *Measurement and Payment*, Bid Items 27-31.

6. Q: Can the RWM be shut down for the conflict adjustment?

A: The project area is very well looped and a temporary shutdown would be acceptable. In accordance with Project General Note No.25, the shutdown shall be coordinated with the County representative a minimum of 7 days prior to the shutdown.

7. Q: Can the County provide on how they want to abandon the 8" FM in the manhole at Swinscoe Lane?

A: The existing 8" FM and manhole connection are to be grout filled as indicated on sheet U-300. Any method which provides for complete grouting of the main, connection, and smooth interior grouted surface within the manhole is acceptable to the County.

8. Q: Can you provide a flow rate of wastewater flow seen at the manhole connection at Swinscoe Lane, for bypassing?

A: The manhole at Swinscoe Lane receives wastewater from PS F3147 and the neighboring community. The discharge wastewater flow rate at PS F3147 is 350 gpm.

9. Q: Can Lift Station #3993 be shut down for the cut in connection and if so how long?

A: PS #3993 may be temporarily shut down. During this period, the Contractor shall provide and maintain adequate primary and backup bypass equipment to maintain service as described in Specification Section 01516 - *Collection System Bypass*. In accordance with Project General Note No.25, the shutdown shall be coordinated with the County representative a minimum of 7 days prior to the shutdown.

10. Q: Can the County provide the flow rates for bypassing Lift Station #3993?

A: The discharge wastewater flow rate for PS 3993 is 1,100 gpm.

11. Q: Is a Project Identification Sign required for this project? If so, how many?

A: Project identification and signs are required for this project per Specification Section 01580 – *Project Identification and Signs*. In accordance with section 1.03, linear projects require signs at each end of the work. Therefore, a minimum of three (3) signs shall be required, one at either end of the work zone along Overstreet Rd, and one near Pump Station #3993 on Lake Sawyer Drive.

12. Q: Can you provide more information concerning the existing force main to be “removed and salvaged” on sheet U-301, *Existing Force Main Removal and Abandonment Plan*?

A: Orange County has had failures on the existing 8-inch and 16-inch force main within this project area. The County would like to complete materials testing and condition assessment inspection on specific segments of the existing force main in accordance with Specification Section 01450 *Sample Collection for Pipelines Being Repaired or Abandoned*. The specific locations of existing force main that are to be “removed and salvaged” are provided in a table and shown on sheets U-300 and U-301, *Existing Force Main Removal and Abandonment Plan*. Force main designated “For Lab Testing” shall be shipped by the Contractor to one of the two approved laboratories listed in Specification Section 01450. Force main designated “Deliver to Owner” shall be delivered to Orange County, 8100 Presidents Drive, Attention Laura Woodbury / Eduardo Hernandez Ph. 407-836-6826.

13. Q: Has there been an area identified as laydown/Storage area?

A: In accordance with Specification Section 01610 *Delivery, Storage and Handling*, 1.04, B, the Contractor is responsible for securing a location for on-site storage of all material and equipment necessary for completion of the Work. There are a couple of Utility Easements along Overstreet Road that the Contractor may use for laydown/storage area.

14. Q: It appears a homeowner outdoor kitchen has been constructed at 12604 Arley Drive that does not show-up on the plans. It appears to be in conflict with the proposed main?

A: In accordance with Specification Section 01001,1.14,F - *General Work Requirements* and the Project General Notes, sheet G-102, conflicts with existing improvements shall be avoided wherever possible and any conflicts shall be reported to the Owner immediately upon discovery and detailed in a written report for resolution. Refer to revised drawing sheet U-103, attached and labelled this Addendum that addresses the referenced conflict.

15. Q: Have there been any MOT requirements set forth by the County for the work on Overstreet Road and Lake Sawyer Drive?

A: The Contractor is responsible to submit a Traffic Control Plan for vehicular and pedestrian traffic through the project corridor. The Traffic Control Plan shall be submitted for approval to Orange County Public Works in accordance with Specification Section 01570 *Maintenance of Traffic*. OCPW follow the 2017 FDOT Design Standards Book, Index 600 series for traffic control.

16. Q: As there is alley way access to the homes on Lake Sawyer Drive, south of Craigside Lane, will the contractor be approved to close down that portion of Lake Sawyer during construction?

A: All residents must have 24-hour access to their homes. Road closures should be included as part of the Contractors Traffic Control Plan and are approved by Orange County Public Works.

B. IFB-Y18-717-TA BID SCHEDULE

Delete: Delete the ~~IFB-Y18-717-TA Bid Schedule~~ in its entirety.

Add: Add in its place REVISED IFB-Y18-717-TA Bid Schedule, revised pages D-2 through D-4, attached and labelled this Addendum.

IMPORTANT: Failure to submit your bid with the “Revised Bid Schedule” per this Addendum shall be cause for your bid to be rejected as non-responsive.

C. PROJECT MANUAL

SPECIFICATION SECTION 01025 – MEASUREMENT AND PAYMENT

Page 01025- 11, Bid Items 25 and 26, Reference ID 11.531.110 Sample Collection for Pipelines (Various Sizes)

Delete: Delete ~~a. Measurement and b. Payment~~ in its entirety.

Add: Add in its place the following:
“a. Measurement: Measurement for Sample Collection for Pipelines shall be made per number of samples of existing pipe satisfactorily removed, salvaged, shipped to specified facilities, and tested in accordance with the County requirements and specifications (Section 01450).
b. Payment: Payment for Sample Collection for Pipelines shall be made per actual number of samples of existing pipe removed and salvaged of the lengths specified for all services and sizes designated “to

be removed and salvaged” on the Drawings including all coordination with Orange County Utilities and specified testing laboratories, labor, materials, and equipment to photograph, label, clean, palletize, and properly ship samples to specified facilities. Also included are all fees associated with required testing in accordance with Specification Section 01450 and submittal of laboratory analysis report to Owner.”

D. PROJECT DRAWINGS

SHEET U-103

Delete: Delete ~~SHEET U-103~~ in its entirety.

Add: Add in its place Revised- SHEET U-103, attached and labelled this Addendum.

E. ACKNOWLEDGEMENT OF ADDENDA

- a. The Bidder shall acknowledge receipt of this addendum by completing the applicable section in the solicitation or by completion of the acknowledgement information on the addendum. Either form of acknowledgement must be completed and returned not later than the date and time for receipt of proposal.
- b. All other terms, conditions and specifications remain the same.
- c. Receipt acknowledged by:

Authorized Signature

Date Signed

Title

Name of Firm

**To the Board of County Commissioners
Orange County, Florida**

The Undersigned, hereinafter called "Bidder", having visited the site of the proposed project and familiarized himself with the local conditions, nature and extent of the work, and having examined carefully the Contract Form, General Conditions, Supplementary Conditions, Plans and Specifications and other Contract Documents, with the Bond requirements herein, proposes to furnish all labor, materials, equipment and other items, facilities and services for the proper execution and completion of: **UTILITIES WEST AREA FORCE MAIN IMPROVEMENTS-PACKAGE 1** in full accordance with the drawings and specifications prepared in accordance with the Contract Documents and, if awarded the Contract, to complete the said work within the time limits specified for the following ESTIMATED TOTAL BASE BID.

It is understood that this is a unit price Contract and the resultant Contract will contain estimated quantities, unit prices, extended totals and that the Estimated Total Base Bid is the sum of all pay item totals from the schedule of prices, Page D3 – D4.

The Contract resulting from this solicitation is based on estimated quantities. The contractor shall only be paid for materials installed in the work in accordance with the applicable unit prices for the specific work element (line item). No payment shall be made for excess materials delivered to the jobsite and not incorporated into the work. Therefore, it shall be the contractor's responsibility to determine the quantities of materials necessary to perform the project to its completion.

ESTIMATED TOTAL BASE BID:

_____ DOLLARS
(In Words)

\$ _____

In the event the Contract is awarded to this Bidder, he/she will enter into a formal written agreement with the County in accordance with the accepted bid within ten (10) calendar days after said Contract is submitted to him/her and will furnish to the County a Contract Payment and Performance Bond with good and sufficient sureties, satisfactory to the County, in the amount of 100% of the accepted bid. The Bidder further agrees that in the event of the Bidder's default or breach of any of the agreements of this proposal, the said bid deposit shall be forfeited as liquidated damages.

Failure of the Bidder to provide pricing for all unit priced items and/or the Base Bid and ALL requested additive/deductive bid items, or alternate bids shall be cause for rejection of the bid as non-responsive.

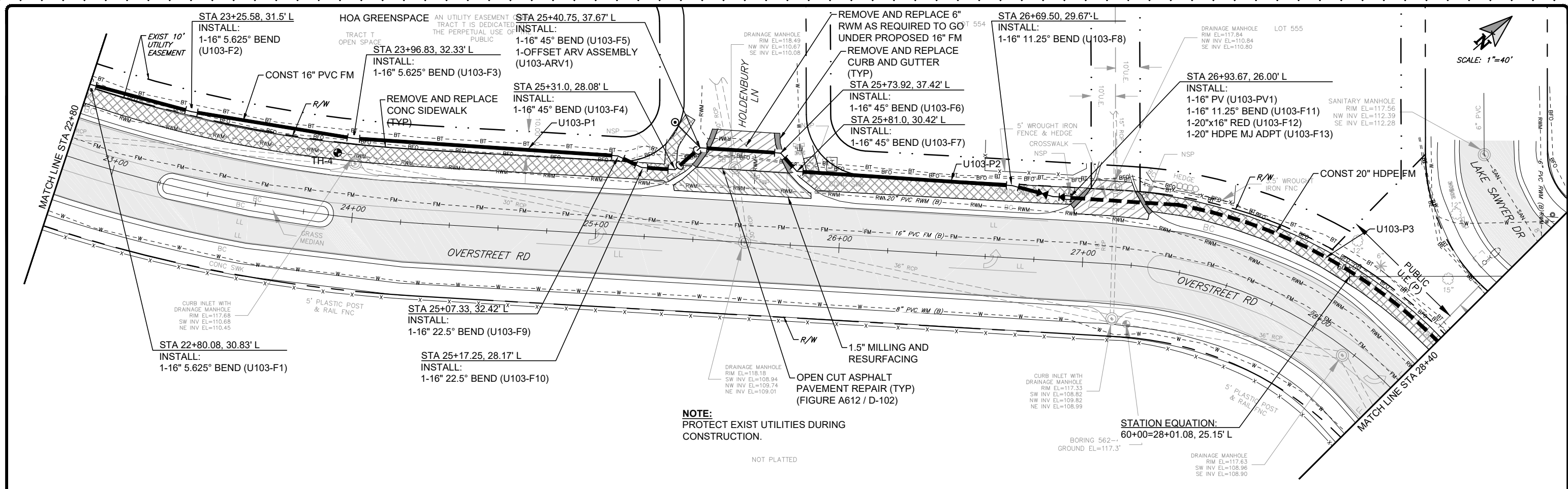
REVISED - IFB Y18-717-TA Bid Schedule

ITEM NUMBER	DESCRIPTION	EST'D. QTY.	UNITS	UNIT PRICE	TOTAL PRICE
1	Mobilization, Demobilization, Bonds, and Permits (not to exceed 5% of the total of all bid items 2-40.	1	LS		
2	Preconstruction Audio-Video Documentation	1	LS		
3	Indemnification	1	LS	\$100.00	\$100.00
4	Project Record Documents (a minimum of 1% of the total of all bid items 7-40.	1	LS		
5	Maintenance of Traffic	1	LS		
6	Public Information Officer	1	LS		
7	Erosion and Sediment Control	1	LS		
8	Stabilized Subbase (12" thick)	931	SY		
9	Concrete Base (8" thick)	270	SY		
10	Soil Cement Base (6" thick)	2,017	SY		
11	Soil Cement Base (10" thick)	812	SY		
12	Milling and Resurfacing	508	SY		
13	Asphalt Pavement Replacement (1-1/2" thick)	3,247	SY		
14	Asphalt Pavement Replacement (3-1/2" thick)	962	SY		
15	Concrete Pavement Replacement (4" thick)	1,856	SY		
16	Construct Public Sidewalk ADA Ramp	12	EA		
17	Concrete Curb and/or Curb & Gutter Replacement	770	LF		
18	Sod Replacement (St. Augustine)	2,885	SY		
19	Bypass Pump Station (<1,000 gpm)	1	LS		
20	Abandon-In-Place 8" Pipe	4,955	LF		

21	Abandon-In-Place 12" Pipe	31	LF		
22	Abandon-In-Place 16" Pipe	2,684	LF		
23	Remove Existing 8" Pipe	75	LF		
24	Remove Existing 16" Pipe	50	LF		
25	Sample Collection for Pipelines (Laboratory Testing)	<u>3</u>	<u>EA</u>		
26	Sample Collection for Pipelines (Joints to Owner)	<u>5</u>	<u>EA</u>		
27	Reclaimed Water Main w/fittings & RJs (6" dia, PVC)	50	LF		
28	Forcemain w/fittings & RJs (6" diameter, PVC)	1,194	LF		
29	Forcemain w/fittings & RJs (8" diameter, PVC)	50	LF		
30	Forcemain w/fittings & RJs (16" diameter, PVC)	<u>2,506</u>	LF		
31	Forcemain w/fittings & RJs (20" diameter, HDPE)	<u>348</u>	LF		
32	Plug Valve with Box (8" diameter)	1	EA		
33	Plug Valve with box (16" diameter)	4	EA		
34	Tapping Sleeve and Valve Assembly (16" diameter)	2	EA		
35	Cut-in Connection to Existing RWM (4" or 6" diameter)	1	EA		
36	Cut-in Connection to Existing FM (4" or 6" diameter)	1	EA		
37	Line Stop Assembly (12" diameter)	1	EA		
38	Line Stop Assembly (16" diameter)	1	EA		
39	Offset Air Release Valve Assembly (2" diameter)	2	EA		
40	Offset Air Release Valve Assembly (3" diameter)	6	EA		

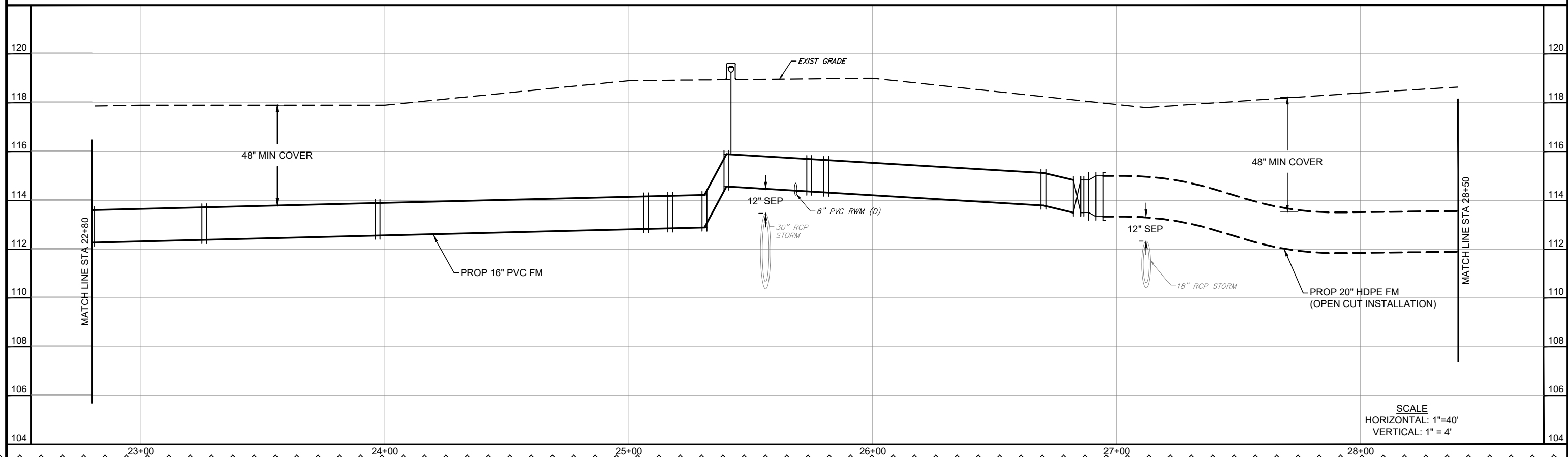
Total Estimated Bid Amount

\$



NOTE:
PROTECT EXIST UTILITIES DURING CONSTRUCTION.

NOT PLATTED



SCALE
HORIZONTAL: 1"=40'
VERTICAL: 1"=4'

No.	REVISIONS	BY	DATE
1	ADDENDUM No. 1	CKM	11-29-2017
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LINE IS 1/8" INCH
AT FULL SIZE = 11X17
(IF NOT SCALE ACCORDINGLY)

SCALE: AS NOTED

ORANGE COUNTY UTILITIES
9150 CURRY FORD ROAD
ORLANDO, FLORIDA 32825

BFA Environmental Consultants
Barnes, Farland and Associates, Inc.
1250 E. Hillcrest Street, Orlando, FL 32803
TEL: (407) 552-0000
ENGINEERING BUSINESS No. 6899

FORCE MAIN R/R WEST AREA PACKAGE 1 IMPROVEMENTS

OVERSTREET ROAD PLAN AND PROFILE
STA 22+80 TO STA 28+40

DESIGN ENGINEER CYNTHIA K. MALONE, P.E.	PROJECT No.: 2014-28-09	DRAWING No. U-103
FLORIDA REGISTRATION No. 58685	PROJECT DATE: OCT 2017	SHEET 18 OF 33
	DESIGNED BY: CKM	
	DRAWN BY: JAB	
	CHECKED BY: JPJ	
	DRAWING FILE: SEE MARGIN	