

April 5, 2018

**BOARD OF COUNTY COMMISSIONERS
ORANGE COUNTY, FLORIDA
ADDENDUM NO. 1 / IFB NO. Y18-747-TA**

DEERFIELD BOULEVARD FORCE MAIN

BID OPENING DATE: April 12, 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 ~~striketrough~~.

A. CLARIFICATIONS

1. Q: Is the above ground FM by-pass to be buried under roadway/driveway crossings or can temporary steel pipe ramps be utilized at these two locations?

A: The temporary by pass piping is required to be buried under the roadway/driveway crossings. Refer to Note 1 on Sheet U-102.

2. Q: At Marsfield Avenue, will the hot asphalt road patch be acceptable and not require milling and overlay at this location? Same question for the Holy Cross Church entrance driveway.

A: Yes, hot asphalt roadway replacement without milling and resurfacing is acceptable at Marsfield Avenue and the Holy Cross Church entrance.

3. Q: Along the pipe route there are numerous large diameter trees that will need to be trimmed and pruned both above, around and below ground to install/remove the FM. At some locations the pipe is very close to these trees which will make it difficult to ensure the longevity of the tree, will the County replace trees if it is determined that the tree trimming/pruning of the tree is too significant?

A: It's understood that selective tree limb and root pruning will be necessary. However, it is not intended to remove or replace any of the existing trees.

4. Q: Is the County paying as a separate pay item the tapping sleeves and valves shown for by pass connections? Or should the necessary taps and by pass valves be included in Bid Item No. 13 – By Pass Pump Station and By Pass Piping?

A: The tapping sleeves and valves shown for the by pass connections are to be paid for by Pay Item No. 21 – Tapping Sleeve and Valve Assembly (8" diameter) and Pay Item No. 22 – Tapping Sleeve and Valve Assembly (10"x8" diameter).

5. **Q: Is 8-inch DR 18 HDPE pipe acceptable for by pass pipe?**
- A: Yes, 8-inch DR 18 HDPE pipe with fused joints and fused fittings is acceptable. 8-inch restrained joint DR 18 PVC pipe with ductile iron fittings is also acceptable. Refer to Note 40 on Sheet G-103.
6. **Q: The existing valley gutter at the Holy Cross Church driveway is broken in some places, should new valley gutter be included in the bid as it's very unlikely the existing/broken curb will be able to be salvaged?**
- A: If portions of the existing valley gutter are already damaged and need to be replaced, it will be measured and paid for by Pay Item No. 12 – Concrete Curb and/or Gutter Replacement. The quantity of this linear foot Pay Item has been increased by 125 feet on the revised IFB-Y18-747-TA Bid Schedule, attached and labelled Addendum 1.
7. **Q: Will each phase be required to be fully restored (i.e. sidewalk and sod) before moving to the next phase of work?**
- A: Refer to Specification Section 01010 – Summary of Work, paragraph 1.03A. This paragraph states “The Contractor shall complete the construction of the force main improvements to the substantial completion acceptance level and shall be underway with the restoration of asphalt, concrete, irrigation and sodding before moving to the next phase of construction. The level of completion and the level of restoration that allows the Contractor to move into the next phase of construction shall be solely at the discretion of the Orange County Utilities Inspector”.
8. **Q: Would the County consider installing the new FM by horizontal directional drill in a manner to avoid the multiple phased approach and expensive by pass pipe system?**
- A: The project should be bid in accordance with the Construction Documents and Specifications. The selected Contractor may propose a value engineering change (directional drilling as an alternate method of construction) after award of the Contract). However, it should be noted that the existing force main must be excavated and removed from the right-of-way.
9. **Q: Can the County please provide more detail and clarification on the plans design for the above ground bypass?**
- A: Please refer to Specification Section 01010 – Summary of Work for more details. Generally, the existing force main needs to be replaced with a new force main in the same alignment. Also, the existing force main needs to be removed from the right-of-way. Therefore, generally install the by pass piping in three recommended construction phases identified in the

drawings. The by pass piping can be laid out above grade in the adjacent 10' wide utility easement as noted on each of the plan sheets. The by pass piping will need to be buried at the Marsfield Avenue roadway crossing and at the Church driveway crossing.

10. Q: Does the above ground by pass piping need to be a certain material?

A: Yes, in accordance with Note 40 on Sheet G-103, by pass piping shall be restrained joint PVC pipe with ductile iron fittings or fused HDPE pipe with fused fittings.

11. Q: Does Deerfield Boulevard have restricted work hours and lane closures?

A: The Contractor is responsible for submission of a Traffic Control Plan for vehicular and pedestrian traffic through the project corridor for approval by Orange County Public Works in accordance with Specification Section 01570 – Maintenance of Traffic. Any requirement of the traffic control plan (work hour restrictions) are at the discretion of Orange County Public Works.

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

A: Yes, two (2) Project Identification Signs are required. In accordance with Specification Section 01580 – Project Identification and Signs, paragraph 1.03A, “provide one (1) painted sign at each end of the work if a linear project”.

B. IFB-Y18-747-TA BID SCHEDULE

Delete: Delete the ~~IFB-Y18-747-TA Bid Schedule~~ in its entirety.

Add: Add in its place REVISED IFB-Y18-747-TA Bid Schedule, revised pages D3-D4, 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. 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

REVISED IFB Y18-747-TA BID SCHEDULE

ITEM NUMBER	DESCRIPTION	EST'D. QTY.	UNITS	UNIT PRICE (FIGURES)	TOTAL PRICE (FIGURES)
1	Mobilization, Demobilization, Bonds, and Permits (not to exceed 5% of the total of all bid items 7-25)	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 except bid items under section 10.1 General)	1	LS		
5	Maintenance of Traffic	1	LS		
6	Public Information Officer	1	LS		
7	Erosion and Sediment Control	1	LS		
8	Asphalt Pavement Replacement (1-1/2" thick w/ 8" thick conc. base)	197	SY		
9	Concrete Pavement Replacement (4" thick – 5'wide)	2,180	SY		
10	Construct Public Sidewalk ADA Ramp	4	EA		
11	RCP Storm Pipe Replacement (36" diameter)	8	LF		
12	Concrete Curb and/or Curb & Gutter Replacement	<u>225</u>	LF		
13	By-pass Pump Station and By-pass Piping (<1,000 gpm)	1	LS		
14	Abandon-In-Place 8" Pipe	134	LF		
15	Abandon-In-Place 10" Pipe	10	LF		
16	Remove Existing 8" Pipe	4,027	LF		

17	Remove Existing 10" Pipe	10	LF		
18	Sample Collection for Pipelines (Joints to Owner)	4	EA		
19	Forcemain w/fittings & RJs (8" diameter, PVC)	4,172	LF		
20	Plug Valve with Box (8" diameter)	9	EA		
21	Tapping Sleeve and Valve Assembly (8" diameter)	2	EA		
22	Tapping Sleeve and Valve Assembly (10" x 8")	1	EA		
23	Cut-in Connection to Existing FM (8" diameter)	1	EA		
24	Line Stop Assembly (10" diameter)	1	EA		
25	Offset Air Release Valve Assembly (2" diameter)	3	EA		
TOTAL ESTIMATED BID				\$	