

**Loxahatchee River District
Loxahatchee River Subaqueous Force Main Replacement
ITB# 23-006-00128**

Addendum Number 001

July 17, 2024

The following clarifications and modifications are hereby made to the bidding documents for the above referenced project.

Acknowledge receipt of the addendum by inserting its number on Page 19 of the bid. Failure to do so may subject the bidder to disqualification.

- Item 1-1** **REPLACE** the bid form with the revised bid form attached in Article 2, Proposal and Article 4, Contract.

- Item 1-2** **REPLACE** Section 01000 General Requirements with the revised Section 01000 General Requirements.

- Item 1-3** The attached questions asked after the pre-bid and the corresponding answers. As the deadline for questions has now passed, no further questions will be answered via addendum.

LOXAHATCHEE RIVER DISTRICT
Loxahatchee River Subaqueous Force Main Replacement
ITB# 23-006-00128

ADDENDUM ACKNOWLEDGEMENT FORM

The undersigned Bidder acknowledges receipt of Addenda as listed below:

Receipt of Addendum No. 1 Date _____

Firm: _____

By: _____

Title: _____

Please include this completed Addendum Acknowledgment Form with your Qualification Submittal.

BID FORM — BASE BID
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
LOXAHATCHEE RIVER SUBAQUEOUS FORCE MAIN REPLACEMENT
UNIT PRICES

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	EXTENDED PRICE
GENERAL CONDITIONS					
1	MOBILIZATION & GENERAL CONDITIONS	1	LS	\$	\$
2	BOND & INSURANCE REQUIREMENTS	1	LS	\$	\$
3	SITE CLEARING	1	LS	\$	\$
4	CONSTRUCTION LAYOUT & SURVEY	1	LS	\$	\$
5	NPDES COMPLIANCE	1	LS	\$	\$
6	PRE AND POST CONSTRUCTION VIDEO	1	LS	\$	\$
7	MAINTENANCE OF TRAFFIC	1	LS	\$	\$
8	AS-BUILT RECORD DRAWINGS	1	LS	\$	\$
FORCEMAIN REPLACEMENT – LOXAHATCHEE CROSSING					
9	20" DR9 HDPE FORCEMAIN WITH 2" CONDUIT VIA HDD	2150	LF	\$	\$
10	HDPE TO PVC TRANSITION (INCL. PIPES/FITTINGS/APPURTENANCES)	2	EA	\$	\$
11	16" PVC FORCEMAIN (RESTRAINED)	630	LF	\$	\$
12	FITTINGS	0.3	TN	\$	\$
13	16" PLUG VALVE	2	EA	\$	\$
14	AIR RELEASE VALVE WITH MANHOLE	2	EA	\$	\$
15	CONNECT TO EXIST 16" FORCEMAIN (INCL. PIPES/FITTINGS/APPURTENANCES)	1	EA	\$	\$
16	CONNECT TO EXIST 24" FORCEMAIN (INCL. PIPES/FITTINGS/APPURTENANCES)	1	EA	\$	\$
SITE DEMOLITION / SURFACE RESTORATION					
17	NORTH ENTRY PIT RESTORATION / SODDING	1	LS	\$	\$
18	ISOLATE ABANDONED EXIST. 24" DIP FM	1	LS	\$	\$
19	PLUG AND ABANDON IN PLACE EXIST. 24" DIP FM	1	EA	\$	\$
20	REMOVE AND DISPOSE EXIST. 24" DIP FM	650	LF	\$	\$
21	TRENCH RESTORATION (INCL. 16" BASE/2" SP-9.5 IN PAVEMENT AREA)	600	LF	\$	\$
22	1" ASPHALT MILLING (OLD DIXIE HWY)	1	LS	\$	\$
23	1" ASPHALTIC CONCRETE (SP-9.5, TRAFFIC LEVEL C) (OLD DIXIE HWY)	1500	SY	\$	\$
24	PAVEMENT MARKINGS (OLD DIXIE HWY)	1	LS	\$	\$
25	ROADWAY SHOULDER RESTORATION (OLD DIXIE HWY)	1	LS	\$	\$
26	SODDING / MISC. RESTORATION	1	LS	\$	\$

CONSTRUCTION COST (BASE BID)

\$ _____

BID FORM — BASE BID
LOXAHATCHEE RIVER ENVIRONMENTAL CONTROL DISTRICT
LOXAHATCHEE RIVER SUBAQUEOUS FORCE MAIN REPLACEMENT
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SECTION 01000
GENERAL REQUIREMENTS

1.0 PROJECT LOCATION

The project is located adjacent to and west of the Alternate A1A and FEC Railroad crossing of the Loxahatchee River, from the intersection of Florida Avenue and Old Dixie Highway to the intersection of E Riverside Drive and S Cypress Drive in Jupiter, Florida as depicted on Mock•Roos Drawings “Loxahatchee River Subaqueous Forcemain Crossing Replacement”, dated March 2023.

2.0 SCOPE OF WORK

- A. The Work to be performed by the Contractor includes permitting, inspecting, furnishing all materials, labor, tools, equipment, water, light, power, transportation, superintendence, temporary construction of every nature, and all other services and facilities of every nature whatsoever necessary to modify, construct, complete, deliver and place in operation the subject Project as shown on the Drawings and/or as herein described as specified. All Work to be in accordance with the Contract Documents.

3.0 REFERENCE POINTS

- A. Horizontal and vertical controls have been provided in the Drawings. All construction staking to be provided by the Contractor.

4.0 GRADES, DIMENSIONS, AND ELEVATIONS

- A. Written dimensions have preference over scaled dimensions. All elevations are based on the North American Vertical Datum of 1988 (NAVD88).

5.0 EXISTING STRUCTURES AND UTILITIES

- A. All known utilities have been shown on the Drawings according to the best information available. It is the Contractor’s responsibility to contact all owners of structures or utilities above ground, on the surface, or below the ground, within the Project area so that said owners may stake or otherwise mark or protect their facilities. The Contractor must provide facilities and be responsible for the protection of all structures, buildings and utilities, underground, on the surface, or above ground against trenching, dewatering, or any other activity connected with the Work throughout the entire Contract Time. If a utility is not shown or shown improperly and a conflict arises with the Work in this Contract, Contractor will be justified an increase in Contract Price and/or Contract Time for any changes required in the Work or for required utility relocation, and Contractor may make a claim therefore as provided for in the General Conditions.
- B. When structures and utilities have been properly shown or marked and are disturbed or damaged in the execution of the Work, they must be repaired immediately in conformance with best standard practice and the approval of the owner of the damaged utility or structure. In the case of structures and utilities which have not been properly shown or located as outlined above and are disturbed or damaged in the prosecution of the Work, take

whatever steps are necessary for safety and notify the affected utility owner and avoid any actions which might cause further damage to the structure or utility.

- C. Should the Work require repairs, changes or modifications of the Owner's utilities as well as other utilities, it is the responsibility of the Contractor to provide for the maintenance of continuous water, sewage, electric, telephone and other utility services to all present customers of such utilities, unless approval in writing is secured from the applicable utility company or Owner for interruption of such service.
- D. Contractor is responsible for verifying all vertical and horizontal locations of all existing utilities and structures, whether shown on the drawings or not, to verify any potential conflicts prior to ordering any materials.

6.0 QUALITY CONTROL

A. Testing Laboratory Services:

All tests and analyses and inspections, which are required in the Specifications and/or Drawings, are to be performed by a qualified independent testing laboratory and shall be at the Contractor's expense, unless otherwise specified. To qualify for acceptance, the Contractor shall demonstrate to the Engineer, based on evaluation of laboratory-submitted criteria conforming to ASTM E 699, that the independent testing laboratory has the experience and capability to conduct the required tests, analyses and inspections without delaying the progress of the Work. All tests, analyses and inspections performed by the independent testing laboratory shall be conducted under direct charge of a Registered Professional Engineer in the State of Florida. The Contractor shall be responsible for scheduling the independent testing laboratory's visit and for the coordination of the testing with the independent testing laboratory and Engineer.

B. Field Observations:

Provide twenty-four (24) hour notification to the Engineer for all specified field observations, unless otherwise noted.

7.0 MOBILIZATION

- A. Consists of the preparatory Work and operations in mobilizing for beginning Work on the Project, including, but not limited to, those operations necessary for the movement of personnel, equipment, supplies and incidentals to the Project site, and for the establishment of temporary offices, buildings, safety equipment and first aid supplies, sanitary and other facilities, as required by these Specifications, and State and local laws and regulations.

The costs of bonds, insurance and any other pre-construction expenses necessary for the start of the Work, excluding the cost of construction materials, is to be included in Mobilization.

The permits already obtained by the Owner have been provided. The costs of obtaining and conforming to the requirements of any other permit which may be required to perform the work – including an FEC right-of-way permit if necessary – are the responsibility of the Contractor and shall be incidental to the cost of mobilization.

- B. When the Bid Form includes a separate pay item for Mobilization, partial payments will be made in accordance with the following:

<u>Percent of Contract Price Less Mobilization Earned</u>	<u>Allowable Percent of the Lump Sum Price Mobilization</u>
5	25
10	50
25	75
50	100

The standard retainage will be applied to these payments. Previous payments for Mobilization and unpaid amounts on Allowances will not be considered in calculating the percent of the Contract Price earned. Payments will be made in stepped increments as shown and will not be interpolated between steps.

- C. When the Bid Form does not include a separate item for Mobilization, all Work and incidental costs specified as being covered under Mobilization is to be included for payment under the several scheduled items on the Bid Form, and no separate payment will be made therefore.

8.0 MAINTENANCE OF TRAFFIC

- A. In the Contractor's use of streets and highways for the Work to be done under these Specifications, conform to all Municipal, County, State and Federal laws and regulations as applicable. Provide, erect and maintain effective barricades, warning lights, and signs on all intercepted streets or highways for protection of the Work and safety of the public. All barricades or obstructions which encroach on or are adjacent to the public rights of way should be provided with lights which are illuminated at all times between sunset and sunrise.
- B. Contractor shall schedule Work to cause minimum disturbance of normal pedestrian and vehicular traffic and be responsible for providing suitable means of access to all public and private properties during all stages of the construction. Other than for an emergency safety condition, the Contractor must contact the Owner and Engineer for approval prior to completely blocking off any street to vehicular traffic during construction. Contractor shall provide written notification to emergency, police fire and other appropriate agencies at least 24 hours in advance of new work or changed work.
- C. Maintain traffic in accordance with Section 102 of the Florida Department of Transportation Standard Specifications for Road and Bridge Construction, latest Edition, except as follows:
 - 1. Contractor is responsible for preparing a Maintenance of Traffic plan. Submit plan for Owner or roadway authority (Village, County, D.O.T.) review.

The Maintenance of Traffic plan must be prepared by a person who is certified by an FDOT certified school or an engineer licensed in the State of Florida.
 - 2. When the Bid Form does not include a separate item for Maintenance of Traffic, the costs are to be included for payment under the several scheduled items on the Bid Form, and no separate payment will be made.

9.0 PLACING EQUIPMENT INTO SERVICE

- A. Do not operate or place into service or energize electrical and mechanical equipment until approved by the Owner and Engineer. Such approval may be granted only after all interested parties have been duly notified, have given approval for placing the equipment into service, and all interested parties are present or waived their right to be present. Contractor shall provide, in writing, seventy-two (72) hour notification for all item and equipment start-ups.

10.0 SALVAGEABLE MATERIAL

- A. All salvageable material and/or equipment removed as a part of the work for which specific use, relocation or other disposal is not specifically noted on the Drawings or otherwise specified, must be disposed of by the Contractor. All material and/or equipment not in salvageable condition as determined by the Engineer, must be disposed of by the Contractor. The actual storage site for salvageable material will be designated by the Owner.

11.0 BORING LOGS, OTHER REPORTS, REFERENCES, AND DRAWINGS UTILIZED BY ENGINEER

- A. Boring Logs, other reports and Drawings utilized by Engineer, if attached at the end of these Specifications, are provided for Contractor's information in accordance with the Instructions to Bidders and are not a part of the Contract Documents. There is no technical data in the Boring Logs, other reports or Drawings that should be relied on by the Contractor. There also were no other reports or drawings utilized by Engineer in preparation of the Contract Documents that contained data that could be relied on by the Contractor.

12.0 DISPOSAL OF EXCAVATED MATERIALS AND DEBRIS

- A. All excess excavated material and debris not required for backfill (unless otherwise noted), broken pipe, sidewalks, curbs and other concrete items, together with all roots, boards and other debris are to be disposed of by the Contractor at an appropriate legal site.

13.0 TEMPORARY CONTROLS AND FACILITIES

- A. The Contractor is responsible for compliance with all NPDES regulations including submitting a Pollution Prevention Plan, submitting a Notice of Intent, conducting maintenance and inspection of controls, erosion and sediment controls and submitting a Notice of Termination.
- B. As part of the Work, the Contractor shall be responsible for applying for, obtaining and complying with all required dewatering permits. Contractor shall notify South Florida Water Management District (SFWMD) prior to all dewatering activities. All dewatering shall meet SFWMD requirements.
- C. Contractor shall install all turbidity control devices required by SFWMD, if necessary. Contractor shall notify SFWMD for inspection of turbidity control devices prior to any construction activities.

14.0 CONSTRUCTION SCHEDULE MEETINGS

- A. Contractor shall submit a construction schedule in accordance with the General Conditions. Contractor's Project Manager and a representative of subcontractors performing work at the time of the meeting shall attend a coordination/progress meeting a minimum of once a month, as designated by the Owner, at the Owner's office during the progress of the Work. Contractor shall submit an updated construction schedule to the Engineer at each coordination/progress meeting.

15.0 MISCELLANEOUS

- A. Prior to final payment, Contractor shall ensure that all fuel tanks, etc. are full.
- B. All bolts, nuts, washers, etc. and miscellaneous hardware shall be 316 stainless steel, unless otherwise indicated.

16.0 CONTRACTOR'S SUBMITTALS

- A. Contractor shall be required to submit, with a letter of transmittal to the Engineer, all checked and approved shop drawing, mix report, laboratory results, etc., where required in the Specifications, Drawings or as appropriate, in electronic format, compatible with Adobe Professional, Version 8 (or higher), and submitted as a single file, using PDF bookmarks and/or chapters to identify divisions within the Submittal package ("PDF File Format"). Allow a minimum of two weeks from date of receipt for review by the Engineer. Review of shop drawings will be general and will not relieve the contractor from any responsibility.
- B. Contractor shall be required to submit, with a letter of transmittal to the Engineer, for review and approval, eight (8) hard copies and eight (8) copies in CD format of each Operation and Maintenance Manual for all equipment, regardless of the number of submittals specified elsewhere in these specifications.

17.0 CONSTRUCTION SEQUENCE

- A. In addition to requirements of the Specifications and Drawings, the Contractor shall submit Construction Schedule and Project Phasing and Temporary Facilities Plan to Engineer which will include coordination of the various elements of the Work.

18.0 PROTECTION AND RESTORATION OF SURVEY MONUMENTS

- A. The Contractor shall be responsible for protecting and restoring all land and property corners, such as section corners, $\frac{1}{4}$ section corners, property corners or block control points, and for maintaining all horizontal and vertical control points. All surveying work shall be the responsibility of the contractor and shall be performed under the supervision of a Florida Professional Surveyor and Mapper. Survey points that will be destroyed during construction shall be properly referenced and replaced at the Contractor's expense with permanence monuments approved by the ENGINEER.

19.0 INDEMNIFICATION:

- A. To the fullest extent permitted by Laws and Regulations, Contractor shall indemnify and hold harmless Owner and Engineer, and the officers, directors, partners, employees, agents, consultants and subcontractors of each and any of them from and against all claims, costs, losses, and damages (including but not limited to all fees and charges of engineers, architects, attorneys, and other professionals and all court or arbitration or other dispute resolution costs) arising out of or relating to the performance of the Work, provided that any such claim, cost, loss, or damage is attributable to bodily injury, sickness, disease, or death, or to injury to or destruction of tangible property (other than the Work itself), including the loss of use resulting therefrom but only to the extent caused by any negligent act or omission of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work or anyone for whose acts any of them may be liable.
- B. In any and all claims against Owner or Engineer or any of their respective consultants, agents, officers, directors, partners, or employees by any employee (or the survivor or personal representative of such employee) of Contractor, any Subcontractor, any Supplier, or any individual or entity directly or indirectly employed by any of them to perform any of the Work, or anyone for whose acts any of them may be liable, the indemnification obligation under Paragraph A shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for Contractor or any such Subcontractor, Supplier, or other individual or entity under workers' compensation acts, disability benefit acts, or other employee benefit acts.
- C. The indemnification obligations of Contractor under Paragraph A shall not extend to the liability of Engineer and Engineer's officers, directors, partners, employees, agents, consultants and subcontractors arising out of:
 - 1. The preparation or approval of, or the failure to prepare or approve, maps, Drawings, opinions, reports, surveys, Change Orders, designs, or Specifications; or
 - 2. Giving directions or instructions, or failing to give them, if that is the primary cause of the injury or damage.

20.0 Contractors Liability Insurance:

- A. Contractor shall meet all contract insurance requirements providing coverage for not less than the amount specified in the contract or greater where required by Laws and Regulations including but not limited to providing Comprehensive General Liability Insurance, Umbrella or Excess Liability Insurance, and Contractual Liability Insurance.
- B. Prior to beginning work, Contractor shall provide Owner and Engineer with its certificates of Insurance and endorsements naming Owner and Engineer as additional insureds.

END OF SECTION

Loxahatchee River Subaqueous FM Replacement

Addendum 001

Bidder's Questions

Question 1: *What is the budget/engineer's estimate?*

Response: The Engineer's estimate for the project is approximately \$2,000,000.

Question 2: *Can we use our HDD subcontractors experience to meet the experience needed to bid the project?*

Response: The experience for a specialty subcontractor may be used for the specific portion of the work being performed by the subcontractor.

Question 3: *Would certalok be an option for materials?*

Response: The project shall be Bid as shown in the Bid Documents. Any proposed alternates or substitutions can be considered after Award as per the provisions of the Contract Documents.

Question 4: *North side project pit. Only 20' easement to work in. Existing main is close to FEC right of way. Are they allowed to work in right of way?*

Response: Work should be kept out of the FEC right-of-way utilizing appropriate shoring as may be necessary for excavations. However, if the Bidder's means and methods require incidental entry into the right-of-way an FEC permit may be required. The Bidder shall coordinate with the FEC and obtain any required permits for entry. The Contractor is responsible for obtaining and complying with the requirements of all permits that may be necessary to complete the work and the costs of all permitting and compliance shall be incidental to Mobilization as described in Section 01000-7.0-A of the Specifications.

Question 5: *In the Bid documents on pg. 33 all contractors are being requested to provide financial statements and complete the condensed current financial statement form. The condensed current financial statement form must be certified by a public accountant which is not typically free. Can we provide last year's financial statement in lieu of completing this form?*

Response: Yes

Question 6: *Does bid item 12 exclude the fittings required for bid item 15 as well as 12 and 16?*

Response: Bid Item 12 includes all fittings except those specifically listed in the descriptions for Bid Items 10, 15, and 16 as described in Section 01025-1.09-B, G and H of the Specifications.

Question 7: *Is bid item 12 paid based on the fitting weight only?*

Response: The units for Bid Item 12 will be based on totaling the listed book weights for the actual fittings installed. Required restraints, bolts, gaskets, appurtenances, etc. for the fittings shall be included for payment in the fitting line item, but their weight will not be included in the unit calculation. Refer to Section 01025-1.09-D of the Specifications.

Question 8: *On Sheet C1-6 there are two notes to isolate the 24" FM and fill between the caps. Please confirm the contractor is to remove this short piece of pipe and fill between the South cap at station 46+42 and station 24+45.*

Response: It appears the stationing in question is being conflated between the Baseline of Survey and the reference baseline along the pipeline for correlation of the profile. However, the note at the northern terminus of the project in both plan and profile is correct. The Contractor is to remove a short piece of pipe somewhere north of the existing 24" gate valve and install restrained joint caps and flowable fill as described in Section 01025-1.10-B of the Specifications.

Question 9: *Please clarify if bid item 19 is an alternate to bid item 18. If not, please clarify what pipe will be capped and abandoned and not filled with flowable fill.*

Response: Bid Item 18 is the specific work for the "Isolate Abandoned 24" FM" call out at the northern end of the project as shown on sheet C1-6 of the drawings and described in Section 01025-1.10-B of the Specifications. Bid Item 19 is the specific work required to cap/plug and abandon in place the portion of the existing 24" FM under the Loxahatchee River to remain, as described in Section 01025-1.10-C of the Specifications.

Question 10: *At the Northern bore pit the work zone is only 20 feet wide and the existing main is within 2' of the railroad ROW. Will contractors be allowed to work within the Railroad ROW? If so, what permits and requirements would we have to follow to comply with the railroad ROW. What are the permit costs?*

Response: Work should be kept out of the FEC right-of-way utilizing appropriate shoring as may be necessary for excavations. However, if the Bidder's means and methods require incidental entry into the right-of-way an FEC permit may be required. The Bidder shall coordinate with the FEC and obtain any required permits for entry. The Contractor is responsible for obtaining and complying with the requirements of all permits that may be necessary to complete the work and the costs of all permitting and compliance shall be incidental to Mobilization as described in Section 01000-7.0-A of the Specifications.

Question 11: *Please clarify exactly what the requirements will be in regard to working adjacent to the railroad for this project, i.e. flaggers, inspectors, permits, insurance, sheeting, etc.*

Response: Work should be kept out of the FEC right-of-way utilizing appropriate shoring as may be necessary for excavations. However, if the Bidder's means and methods require incidental entry into the right-of-way an FEC permit may be required. The Bidder shall coordinate with the FEC and obtain any required permits for entry. The Contractor is responsible for obtaining and complying with the requirements of all permits that may be necessary to complete the work and the costs of all permitting and compliance shall be incidental to Mobilization as described in Section 01000-7.0-A of the Specifications.

Question 12: *Can certa-lok pipe be used on this project? It would greatly reduce the amount of space needed to lay out pipe for fusing and would limit interruptions to the residents.*

Response: The project shall be Bid as shown in the Bid Documents. Any proposed alternates or substitutions can be considered after Award as per the provisions of the Contract Documents.

Question 13: *Can the bore be redirected to go from the north to the south? If this can be done in conjunction with using certa-lok pipe we could set up in the vacant area between the RR Right of Way and the retaining wall and cause virtually no interference with the local traffic.*

Response: The Contractor's means and methods are his own as long as they comply with the physical, legal, and regulatory constraints of the project. However, the project shall be Bid as shown in the Bid Documents. Any proposed alternates or substitutions can be considered after Award as per the provisions of the Contract Documents.

Question 14: *Can the bore be extended about 550 feet south for the pit to be at approximately station 1+00? We feel that this change would benefit the project immensely in the ways listed below to make it safer, faster, easier, and more convenient to the residents.*

It would allow us to detour residents around Florida Ave to Park St instead of closing lanes and having flaggers on Old Dixie Hwy.

It would greatly reduce the amount of tree clearing and asphalt removal/ restoration required. We'd be working in a grass area.

It would greatly reduce if not eliminate the amount of bypass pumping needed.

The pit would be about 100 feet from the railroad instead of about 45 feet and would greatly reduce the potential of any issues or accidents.

It would allow for the residents on Old Dixie Highway and Land's End Way to easily access their driveways during construction. The current pit location will make this extremely difficult or impossible.

Response: The project shall be Bid as shown in the Bid Documents. Any proposed alternates or substitutions can be considered after Award as per the provisions of the Contract Documents.

Question 15: *If the answers to the questions 12, 13 and 14 above are all yes, can a new bid sheet be issued so that the bids can be compared apples to apples?*

Response: The project shall be Bid as shown in the Bid Documents. Any proposed alternates or substitutions can be considered after Award as per the provisions of the Contract Documents.

Question 16: *What is the flow of the existing FM so we can figure out the by-pass pumping?*

Response: There is no flow in the existing FM. All flows are currently redirected through an aerial crossing on the A1A Bridge and rejoin the FM south of the southern point of connection for this project.

Question 17: *Will the bore under the waterway have be pre-probed to verify the bore is in the right place?*

Response: Question is unclear. However, if referring to the existing subaqueous FM to be abandoned, that DIP FM was installed via direct bury and is not at the bore depth for the new

installation except at the locations of the entry and exit pits where the existing FM is to be removed as necessary prior to bore activities.

Question 18: *Is Wireline Guidance required?*

Response: Wireline guidance is required as per Section 02150 of the Specifications and Section 107 of the Loxahatchee River Environmental Control District Manual of Minimum Construction Standards and Technical Specifications due to the depth and access limitations and the accuracy requirements.

Question 19: *On the bypass pumping, will the pumps have to be quiet-pack?*

Response: No bypass pumping will be required. The existing main is not in service.

Question 20: *General Note 6 requires us to maintain 2-way Traffic Flow at all the times. Will we have to install a temporary traffic lane? It does not seem like this would be possible with the current pit location without building a lane.*

Response: Access to all adjacent properties must be maintained. 2-way traffic should be maintained at all times on thoroughfare roads. The constricted right-of-way of the local roads on the south end of the project make maintaining 2-way traffic impossible during working hours. On the south end of the project, MOT shall be designed to utilize managed traffic flow via flaggers during working hours. 2-way traffic flow should be re-established for overnight and weekend non-working hours. Appropriate detours shall be used to limit traffic flow on Old Dixie to only the local traffic required for the eleven residences north of the Park St intersection.

Question 21: *General Note 33 – Is crack inspection and monitoring and required?*

Response: Per note 33, any cracks in adjacent structures – including both buildings and buffer walls – should be identified prior to the pre-construction video so that crack monitors may be applied for capture in both the pre-construction and post-construction videos.

Question 22: *Please confirm whether or not FEC Insurance and Inspectors are required.*

Response: All facilities are located outside of the FEC right-of-way. Work should be kept out of the FEC right-of-way utilizing appropriate shoring as may be necessary for excavations. However, if the Bidder's means and methods require incidental entry into the right-of-way an FEC permit may be required. The Bidder shall coordinate with the FEC and obtain any required permits for entry. The Contractor is responsible for obtaining and complying with the requirements of all permits that may be necessary to complete the work and the costs of all permitting and compliance shall be incidental to Mobilization as described in Section 01000-7.0-A of the Specifications.

Question 23: *C1-6 – Do we need to include shoring to ensure we do not encroach on FEC or Drainage per note?*

Response: The Contractor's means and methods are his own. However, work should be kept out of the FEC right-of-way and may not impact the 42" storm drainage which may require utilization of appropriate shoring as may be necessary for excavations. If the Bidder's means and methods require incidental entry into the right-of-way an FEC permit may be required. The Bidder shall coordinate with the FEC and obtain any required permits for entry. The Contractor is

responsible for obtaining and complying with the requirements of all permits that may be necessary to complete the work and the costs of all permitting and compliance shall be incidental to Mobilization as described in Section 01000-7.0-A of the Specifications.

Question 24: *C2-1 – Note 5 – Adjust MH Tops and Valves to final grade. Per paving design they all come up 1". Which line item would we use to capture this cost?*

Response: Per Section 02514-3.02-A of the Specifications, the cost is to be included in the cost of the asphalt. In this case, Bid Item 23.

Question 25: *Do we have a water source and place to discharge for flushing?*

Response: Construction water is to be supplied by the Contractor. There are hydrants located on both the north and south ends of the project for construction meters. Flushing direction is up to the Contractor's means and methods and may be discharged to either the low area between the railroad tracks and Old Dixie Highway on the south or through the storm drainage system on the north. However, no discharge may be allowed to cause nuisance ponding or damage to adjacent properties or structures.

Question 26: *Please confirm if we heard correctly that the engineer's estimate for this project is \$10million.*

Response: The Engineer's estimate for the project is approximately \$2,000,000.

Question 27: *What is the thickness of the 3' stabilized shoulder?*

Response: The stabilized thickness shall match the roadway base depth or a minimum thickness of 12", whichever is greater.

Question 28: *The bid quantity for the fitting weights appears to be high for minimal fittings included in this bid item. Can it be adjusted down closer to 0.2 tons?*

Response: With most of the fittings being tracked under other line items as described under Section 01025 of the Specifications, we acknowledge that this unit is most likely in excess of what will be required for the project. However, the "1 TN" unit was selected to represent the lowest whole unit for pricing purposes. Bid forms have been updated to "0.3 TN".