

**PRE-BID MEETING MINUTES**  
**Tuesday November 17, 2020 10:00 p.m.**  
**Jackson County Commission Board Room**

**NWFWMD Const. Grant Agreement No.: 16-045**

☑- Indicates topics were discussed by Engineer. Comments and questions will be generalized following topic. Answer will be **bold** print

**I. Introduction & Scope of Work**

- A. This meeting is being audio recorded and will become part of the construction project records/Introduction of those present ☑  
*All attendants verbally introduced themselves and stated their company*
- B. A record will be kept of the attendees and will be emailed out to all that joined the meeting as well as posted on the County's website. ☑
- C. The improvements under this project will consist of approximately 6,780 LF of 8" PVC gravity sewer main, 30 associated manholes, 63 gravity sewer or low pressure sewer services, 6,550 LF of PVC force main ranging from 4" to 6", 10 valves, 3 air/vac valves and roadway/driveway directional bores within the right-of-way. On lot services will consist of 7,750 LF of 1 1/2" HDPE low pressure sewer services, and 13,000 LF of 4" PVC gravity sewer services. There are estimated to be 52 residential service connections which include a gravity or low pressure sewer connection to the existing residence, abandonment of the existing septic tank, septic tank disconnections, and site restoration. ☑  
*It was explained that the FEMA portion includes 695 LF of underdrain and the associated roadway reconstruction as well as a roadway overlay.*
- D. Opening of Bids: Due 2:00 p.m. local time Tuesday, December 15, 2020 ☑
- E. Award of Contract: January 5, 2020 (Anticipated) ☑
- F. Notice to Proceed: January 5, 2020 (Anticipated) ☑
- G. Number of Calendar days: **180** Substantial Completion for work within the right-of-way and **120** Substantial Completion for work outside the right-of-way. **365** days Fully Complete. Contract will remain open until 365 days after notice of service is sent to homeowner. This will allow residents to sign up and get connected as part of this contract up until the last day per State and County ordinances. ☑

**II. Bid Documents and Specifications**

- A. Bid Document ☑
  - i. Equal Opportunity, Section 3 and Segregated Facilities, Trench Safety Act, Drug-Free Work Place, etc.
  - ii. C-200 ☑
    - 1. 3.01 - Qualifications 5 days after Owners request (this is all the C-300's)
    - 2. 7.01 - Bid Security of 5%, **must be included with bid submittal.**
  - iii. C-410
    - 1. 5.01 - Basis of Bid
      - a. Contract awarded by lump sum of both components. ☑
      - b. Paid for on a unit price basis per the associated unit prices ☑

- c. Two different funding agencies NFWFMD (sewer) County (Seminole Drive)
- d. Rock Removal: 3% Sewer   
Rock Removal is not expected, but it is included in case it is needed.

iv. C-520

- 1. 4.03 - Liquidated Damages
  - a. \$1000 each day expires after time specified for Substantial Completion
  - b. \$500 each day expires after time specified for Full Completion
- 2. 6.02 - Progress Payments; Retainage
  - a. Application for Payment on 20<sup>th</sup> of each month
  - b. 90% payment; 10% retainage
  - c. Per State Statute retainage can be reduced to 5% for all work over 50%
  - d. Upon Substantial Completion 100% less paragraph 15.01.E of the C-700 Standard General Conditions, *Reduction in payments by Owner*

v. C-800

- 1. SC-6.03 - Contractor's Liability Insurance
  - a. Meet these requirements

B. Specifications

i. Section 01065 Permits and Fees

- 1. Owner
  - a. FDEP Permit to Construct/Operate Domestic Wastewater Collection/Transmission System
- 2. Contractor
  - a. Any and all other permits required to construct improvements as shown and specified in Construction Plans.
  - b. Includes but not limited to:
    - i. Building
    - ii. Plumbing
    - iii. Electrical
    - iv. Septic abandonment
    - v. Dewatering
    - vi. NPDES

ii. Section 01310 Construction Schedules

- 1. 10 days after effective date of agreement, Prepare and Submit to Engineer

iii. Section 02000 Simplex Sanitary Sewer Grinder Package

- 1. Pump
  - a. Barnes OGP only

- 2. Wet Well
  - a. Fiberglass 36"x48" Funky Tank
  - b. Hang and Bang quick install/removal system
  - c. Diamond Plate powder coated aluminum lid
- 3. Valve and Valve Box
  - a. SST Check/CO/Curbstop/SST flex assembly
  - b. Box with green lid and "Sewer" on top
- 4. Control Panel
  - a. As described with generator receptacle and "Push to Run" button
- 5. **Five (5) Year parts and Labor warranty on pump and entire fiberglass package including pipe, valves, fittings, hatch cover and fiberglass basin**
- iv. Section 02200 Sanitary Sewage Pump Station
  - 1. Pump 
    - a. KSB or Wemco
    - b. 10 yr warranty
    - c. 1800 rpm max.
    - d. Impeller, volute and seal plate shall be hard metal of chromium white iron A532 II C 15% CrMo-Hc
  - 2. Mixer 
    - a. 1750 rpm
    - b. Stainless 316 titanium stabilizer propeller and motor shaft
  - 3. Wet well/valve vault
    - a. Anti-flotation, design report and mounting plate calculations by third party State of Florida Professional Engineer.
    - b. Mounting plate must be laminated in fiberglass, no bolt through allowed
    - c. Interior must have commercial grade premium vinyl ester resin for added chemical resistance
    - d. Interior and exterior shall be either white or light gray in color
    - e. Penetrations-must be installed by manufacturer and covered under 10 yr structural warranty
    - f. Powder coated green lids
    - g. Must ship completely assembled
    - h. 10 yr warranty starting from the date of acceptance
  - 4. Control Panel
    - a. Powder coated white
    - b. Pedestal mounted on pad with air-break box and compression glands for cable connections to panel
    - c. Sized properly to facilitate relay logic components, VFD's, telemetry/SCADA, mixer controls, integral metering socket and

- space for future controller and odor scrubber and power to backup pump
- d. VFD onsite 10 year warranty
- e. Telemetry/SCADA pre-paid 10 service plan and lifetime warranty
- f. Electrical wiring design and diagram must be provided by the panel integrator and stamped by third party State of Florida Licensed Engineer
- g. Upon completion and integration of the control panel, prior to shipment to the job site, the Owner's representative and Engineer must be invited to the panel facility to witness bench test and functionality of the panel
- 5. Emergency Backup Pump by Pioneer only   
This will be a completely enclosed pump. Floats will need to be run to the lift station. This will need to be in a lockable enclosure. All the control panel, lids, and pioneer pump must accept the Jackson County master key.
- 6. Spare/Replacement Parts
- v. Appendix A
  - 1. Geotechnical Engineering Report   
There will be no additional funding for dewatering.

### III. Paperwork Submittals

- A. Erosion/Pollution Control Plan\*
- B. Quality Control Plan\*
- C. Maintenance of Traffic Plan\*
- D. Work Progress Schedule\*

\*Approved by the Engineer and/or Owner, all paperwork shall be submitted before work begins.

### IV. Discussion of Work

- A. Construction Sequence
  - i. Very general and open for Contractors to have room to revise make meet their needs
  - ii. Sewer mains must be tested and approved prior to placing into service
  - iii. Services can only be active on tested and approved main
- B. Gravity is open cut
- C. No water so only restrained joints per thrust restraints table sheet 22S   
Indian Springs Phase 2 water will start being constructed in June or July of 2021. If minimum separation is not met in certain areas, restrained joints will be used.
- D. Minimum separation 
  - i. From storm water
- E. Air/Vac valve locations are per design profile. May need adjusting in field to be at constructed high points   
The design profiles show the existing grade at the centerline of the road and the elevation at the crown of the forcemain.
- F. Sewer Power Supply
  - i. Outside at meter. Pull power from house side lugs and put new breaker/disconnect

- ii. All power supply electrical to be put in min. 3/4" conduit to control panel. 2" Conduit from grinder station to control panel with weather head and compression glands.
- G. Sewer Pumps signed off 
  - i. Walk through at startup
  - ii. Turn in certificates
  - iii. Have serial numbers registered when installed and signed off
- H. Summary of Quantities 
  - i. Pay items and pay item notes

Question:

Question about unsuitable material when installing gravity sewer:

**Will get back with an answer. A pay item will be added.**

- V. **Utilities** – Please see Plan Sheet 3S for list of all Utility Owners and contact information
  - A. Correspondence, relocates, repairs, temporary supports included in Mobilization Pay Item