



Financial Management Department  
Purchasing Division  
1112 Manatee Ave W Suite 803  
Bradenton, FL 34205  
Phone: (941) 749-3074  
[www.mymanatee.org](http://www.mymanatee.org)

Email

August 17, 2017

TO: All Interested Bidders

SUBJECT: Invitation for Bid (IFB) #17-0101DC  
Village of Parrish Force Main and Master Pump Station  
ADDENDUM 9

Bidders are hereby notified that this Addendum shall be acknowledged on the Bid Form and made a part of the above named bidding and contract documents.

The following items are issued to add to, modify, and/or clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

1. Bid Opening is extended to **September 14, 2017 at 3:30 P.M.**, same location.
2. Deadline for Clarification (relating to Addendum 9 only): **August 28, 2017 at 5:00 P.M.**
3. Information as prepared by Stantec Consulting Services is made part of this Addendum 9:
  - a. Information & Responses to questions
  - b. Bid Form
  - c. MPS Specifications
  - d. Sidewalk Special Provisions
  - e. Sidewalk Specifications
  - f. Plan Sheet – MPS Testing
  - g. Plans – Electrical 11x17
  - h. Plans – Electrical 22x34
  - i. Plans - Sidewalk

4. File Share Download for the attachments:

<https://www.mymanatee.org/uploader/?ShareToken=96ADF261325C5AB965DE5C064F276593DAAAE97D>

Bids will be received at Manatee County Procurement, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 until **September 14, 2017 at 3:30 P.M.**

Sincerely,

Chris Daley, CPPB, CPPO  
Contracts Specialist Manager

August 17, 2017

IFB 17-0101Dc Village Of Parrish Force Main and Master Pump Station

Addendum 9 Attachment prepared by Stantec Consulting Services

Page 1 of 3

The following revisions have been made to the plan sheets for the Village of Parrish Master Pump Station:

1. Sheet 1 of 17 cover sheet
  - a. Updated Revision Block
2. Sheets E1 through E17 consisting of 19 total sheets, Electrical Instrumentation and Controls
  - a. Added portable emergency generator docking station
  - b. Modify the pumping control system
  - c. Added power to the 30" gate valve actuators

The following revisions have been made to the specifications for the Village of Parrish Master Pump Station:

1. Section 01150, Measurement and Payment.
  - a. Add RTU, Bid item 26.0
  - b. Add actuators to the 30" gate valve, Bid item 8.4
2. Section 11121, Booster Pumps, Motors, Instrumentation, Variable Speed Drives and Field Instruments.
  - a. Removed the PLC controller, replaced by RTU/PLC new specification.
  - b. Modified the variable speed drives to be FRENIC-Mega series by Fuji Electric.
  - c. Modified the pumping control system.
3. Section 16012, Instrumentation and Controls.
  - a. Removed the following sections
    - ◆ 2.11 pump station controller
    - ◆ 3.02 station operationNow covered in sections 11121 and 16475.
4. Section 16475, RTU.
  - a. Section was added utilizing Data Flow System.
  - b. The County may choose to utilize an existing DFS panel. The DFS scope would include the existing panel site inspection, decommissioning and removal as well as delivery to the MPS site, delivery to new site, termination (after panel is installed with conduit and wiring ran by contractor), startup and commissioning.
5. Section 16485, Variable Frequency Drive – 200 HP
  - a. Section was deleted, now covered in section 11121.

August 17, 2017

IFB 17-0101Dc Village Of Parrish Force Main and Master Pump Station

Addendum 8 Attachment prepared by Stantec Consulting Services

Page **2** of **3**

The following revisions have been made to the bid form:

- a. Added bid item 26.0 RTU to the section II. Master Pump Station bid form.
- b. Added section III. 121<sup>st</sup> Ave. East sidewalk to bid form summary page.

The following documents for; the 121<sup>st</sup> Ave East sidewalk are hereby added to the Village of Parrish MPS and FM project, IFB # 0101DC, as section III. This section of the project may or may not be awarded at Manatee County discretion. Section III. costs are not included in determining project award.

1. Specifications
2. Special Provisions
3. Construction Plans

The following are question submitted by prospective bidders:

Q 1: Will Manatee County require for this project the below grade nuts, bolts and all thread rods to be SS316 ? specs read Cor Ten or SS – Manatee has required recent FM projects to include SS316

A1: Flanged joints and mechanical joints shall be made with high strength, low alloy Corten or 316 stainless steel bolts, nuts and washers, as referenced in technical specification Section 02640, 3.01, E. Pipe joints shall be restrained by mechanical methods, including stainless steel tie rods, Stargrip and Allgrip, as manufactured by Star Pipe Products or Megaflange and 2000 PV, as manufactured by EBAA Iron Sales as referenced on technical specification Section 02640, 2.17, A. Restrained joints may also be Lok-Ring, as manufactured by American Cast Iron Pipe Company, or an approved equal, as referenced in technical specification Section 02640, 2.17, B.

Gate valve bonnet bolts, nuts and studs shall be stainless steel, as referenced in technical specification Section 026, 2.01, G. In reference to tapping sleeves and valves, the valves shall be flanged with alignment ring by mechanical joint with a nonrising stainless steel stem and that all bolts, nuts and washers shall be stainless steel, as referenced in technical specification 02640, 2.18, A. The air release valve assembly should have a stainless steel float, trim, 2" service saddle, shutoff, nipples, and corp. valve or ball valve, as referenced in technical specification Section 02640, 2.07 and detail US-10. Where required, valve extension stems shall be fixed to the valve operating nut with a stainless steel fastener, as referenced in technical specification Section 02640, 2.08. E. Watertight manhole inserts shall be 316 stainless steel and are required for all sanitary sewer manholes installed. Inserts shall be as manufactured by FRW Industries, Conroe, Texas, or approved equal, as referenced in technical specification Section 03410, 3.01, K. Regarding anchors, bolts and fastening devices, stainless steel shall be attached to concrete or masonry by means of stainless steel machine bolts and iron or steel shall be attached with steel machine bolts unless otherwise specified, as referenced in technical specification Section 05500, 2.01, C. For structural purposes, unless otherwise noted, expansion bolts shall be Wej-it "Ankr-Tite", Phillips Drill Co. "Wedge Anchors", or Hilti "Kwik-Bolt", as referenced in technical specification Section 05500, 2.01, D. Please refer to the respective list in Section 05500, 1.05,

August 17, 2017

IFB 17-0101Dc Village Of Parrish Force Main and Master Pump Station

Addendum 8 Attachment prepared by Stantec Consulting Services

Page **3** of **3**

A, for supplemental guidance and for conformance of materials pertaining to miscellaneous metals.

Q2: Advise Manatee County a 10 year warranty on linings is not available – 1 year is the standard warranty. [Ductile Iron Pipe]

A2: A minimum one (1) year manufacturer's warranty is acceptable.

Q3: Reference Addendum Six, the response to Question 7, please provide drawing showing connection point to the 18-inch force main from Cone Ranch so we can figure costs associated with getting the reclaimed water for testing the pump station.

A3: Enclosed you will find a site plan with the Cone Ranch FM connection point marked in red.

Q4: Reference Addendum Six, revised Master Pump Station plan sheet 9, 30" GATE VALVE ACTUATOR detail, the note that tells us to position the "Handwheel" towards the gate side, what size gate are we providing for these fenced enclosures and will a gate be necessary for the valve on the influent force main?

A4: Minimum 4' wide gate. The influent valve actuator fencing does not need a gate, since that side is open to the inside of the facility fence.

In regards to the master pump station:

- ♦ All 16" valves inside the pump station shall be provided with proximity switches.