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Addendum # 4

Date: November 5, 2024
From: Becca Zimmerman, Procurement Strategist
To: Interested Bidders
Subject: Addendum #4 Solicitation #24-8282 – Golden Gate Master Pump Station and Site Improvements

The following clarifications are issued as an addendum:

1. Question and Answers for Bid #24-8282 Golden Gate Master Pump Station and Site Improvements

Overall Questions

1. ENGINEERS ESTIMATE FOR COMPLETION

Question: what is the engineers estimate for construction?

Answer: The engineer's estimate is \$3,086,380.00

2. Painting Specs

Question: Please provide painting technical specifications.

Answer: The requirements for painting Ductile Iron Pipe (DIP) & Fittings are outlined in Section 330504 of the Utilities Standards Manual, as referenced on pg. 8 of "24-8282 Exhibit J – GGMPs Site Improvement Specs".

3. Electrical

Question: In the electrical specs it mentions "The Contractor is also required to coordinate all electrical efforts with the County's procured electrical Contractor (see project Fact Sheet), who is responsible for the installation of all electrical components." Does this mean that the contractor is responsible for the work needed to be done on pages E-01 - E501? Please advise

Answer: Please disregard the statement, it is not applicable. The bidder is responsible for furnishing and installing all electrical components.

4. No subject

Question: The spec implies on page 3 that you already have an electrical contractor procured for this project. Am I interpreting this correct? I cannot find the referenced Fact Sheet. Please advise.

Answer: Please disregard the statement, it is not applicable. The bidder is responsible for furnishing and installing all electrical components.

5. No subject

Question: Sheet 14 for the concrete pad schedule indicates a pad dimension of 43'x22'x16", but on sheet 7 it is shown as 45'x10'x16". Please confirm the correct dimensions.

Answer: The concrete pad schedule shown on Sheet 14 is incorrect. The dimensions shown on Sheet 7 are to be used. Please see the revised plans, uploaded via addendum 2.

6. No subject

Question: Sheet 14 for the flow meter pad indicates a dimension of 7'-6"x38"x16" but on sheet 7 it is listed as 40'x3'-6" x16". Please confirm the correct dimensions.

Answer: The concrete pad schedule shown on Sheet 14 is incorrect. The dimensions shown on Sheet 7 are to be used.

7. No subject

Question: Sheet 7 calls for a transformer pad with the dimensions 6'x6'x16" but the location is not shown on the contract documents. Where should it be located?

Answer: Please see the revised plans, uploaded via addendum 2. Proposed transformer pad locations are shown on Sheet E-101. Contractor shall coordinate with FPL on the exact transformer locations.

8. No subject

Question: Please specify and provide technical specifications for the required stormwater piping.

Answer: All stormwater piping to meet Florida Department of Transportation and Collier County requirements. See new stormwater notes on Sheet 4 of the revised plans, uploaded via addendum 2.

9. No subject

Question: Sheet #3 calls for the removal and reinstallation of a chain link fence. Please provide the length of the required fence, the location of the proposed fence, and the technical specifications of the proposed fence.

Answer: The revised plans, uploaded via addendum 2, specify the location and length of fence to be replaced including the replacement of the motorized cantilever gate.

10. No subject

Question: The contract drawings show an area with parking, however, it is not clear if that area is to be paved or if it is to use a rock base. Please clarify and provide technical specifications.

Answer: Please see the revised plans, uploaded via addendum 2. The parking area around the Construction trailer is to be No. 57 stone. The ADA parking spot and walkway is concrete. The parking area adjacent to the Administration trailer is to be asphalt pavement.

11. No subject

Question: Please clarify if one or both of the 2 main entrances need to be removed. If one entrance, which one? And will we need to install a new one?

Answer: Please see the revised plans, uploaded via addendum 2, Sheet 9 showing the widening of the eastern driveway. No work is to be performed on the western driveway.

12. No subject

Question: Please provide information for the trailer vendor information that is used on the contract documents.

Answer: The Engineer of Record coordinated with Wilscot on the design. The contractor is free to contact Wilscot but is also free to provide an or equal for the trailers shown.

13. No subject

Question: The specs call for the removal, repair, and replacement of the existing irrigation, however, the irrigation system type specifications and limits are not shown. Please provide.

Answer: The Measurement and Payment states no separate payment will be made for "Removal, repair, and replacement of existing irrigation".

14. No subject

Question: Sheet #7 is showing grass area but no specs for sod or seed are provided. Please clarify if this will be part of the contract.

Answer: Sodding and Seeding is specified in the Collier County Utilities Standards Manual Section 329200.

15. No subject

Question: The contract documents lack staking plans. Please provide the appropriate staking and coordinates for critical points needed so the contractor can properly price and plan the construction.

Answer: All improvements and elevations shown are per Florida State Plane East and NAVD-88. Per General Note #16, Survey Layout and Record Drawings are to be performed by a Florida Licensed Land Surveyor provided by the Contractor and shall include property corners and right-of-way lines. All elevations must refer to NAVD-88.

16. No subject

Question: Yard piping drawings are missing coordinates for all critical points such as the connection to the existing pipe, distances between headers, headers length,...etc. We can't estimate the quantities and connections required to complete the construction without them. Please provide.

Answer: All drawings are drawn to scale.

17. No subject

Question: Contract documents are missing specifications for valves, fittings, and accessories. Please provide.

Answer: As stated in Section 4 Special Project Provision Item No. 6. All Collier County Water-Sewer District, Utilities Standards (design criteria, specifications, and details) are applicable to this project and are made part of the Contract Documents by reference to current County Utilities Standards, located at the following web address: <https://www.colliercountyfl.gov/government/public-utilities/water-sewer-district/engineering-and-project-management/resources>

18. No subject

Question: Contract documents are missing pipeline specifications. Please provide.

Answer: As stated in Section 4 Special Project Provision Item No. 6. All Collier County Water-Sewer District, Utilities Standards (design criteria, specifications, and details) are applicable to this project and are made part of the Contract Documents by reference to current County Utilities Standards, located at the following web address: <https://www.colliercountyfl.gov/government/public-utilities/water-sewer-district/engineering-and-project-management/resources>

19. No subject

Question: Contract documents are missing coating system specifications. Please provide.

Answer: As stated in Section 4 Special Project Provision Item No. 6. All Collier County Water-Sewer District, Utilities Standards (design criteria, specifications, and details) are applicable to this project and are made part of the Contract Documents by reference to current County Utilities Standards, located at the following web address: <https://www.colliercountyfl.gov/government/public-utilities/water-sewer-district/engineering-and-project-management/resources>

20. No subject

Question: Sheet #7 on the drawings indicates the administrative trailer will be installed by others, but the specifications require the contractor to install it. Please clarify who will be providing and installing.

Answer: The administrative trailer is included in this contract, please see the revised plans, uploaded via addendum 2, Sheet #7

21. No subject

Question: There is a concrete driveway on the construction trailer with a disability parking spot, but it is not specified if it is part of the contract. Please clarify.

Answer: Please see the revised plans, uploaded via addendum 2. The parking area around the Construction trailer is to be No. 57 stone. The ADA parking spot and walkway is concrete. The parking area adjacent to the Administration trailer is to be asphalt pavement.

22. Temp Bypass Pumping

Question: The measurement and payment description and the plans reference temporary by-pass pumping. Is the only for bypass during connections to the existing infrastructure or is it something long term that requires bypass pumping? Is there information regarding gallons per minute and head pressure requirements?

Answer: The intent of the bypass pumping is only during connections to the existing system. A bypass pump will be provided by the County. The Contractor is responsible for coordinating with Collier County Wastewater Collections and Wastewater Plant staff for bypassing when necessary.

23. Construction Agreement

Question: In reviewing the new construction agreement from Collier County it is significantly different than the past construction agreement, especially in regard to the definition of substantial completion. Can 60 days be added to the substantial completion time moving it from 335 calendar days to 395 calendar days?

Answer: The County is agreeable to an additional 60 days being added to Substantial Completion, however, the Contractor shall sequence the construction to ensure the completion of the Construction trailer associated appurtenances is completed earlier in the schedule. The new contract schedule will be 395 calendar days to Substantial Completion, with an additional 30 calendar days to final completion. Please see addendum 2.

24. Instrumentation & Controls

Question: 1. Can we get clarification on the following passage: B. "Coordination: 1. Existing Conditions: a. The existing wastewater treatment plant consists of four (4) PLC control panels and GE iFIX SCADA system. Connect the existing PLC's to the plant network. Migrate the existing SCADA system to the new SCADA system. Rebuilt/retag the existing data as needed. Build new "High Performance" SCADA screens for the existing plant." What would be required for these PLCs to be connected to the existing, or new SCADA system (Rockwell PlantPax as dictated by the spec)?

Answer: Please disregard Section 406113-1.01 B – Existing conditions. A total of 1 new PLC is being installed with this project that will communicate to the proposed SCADA panel in the new Administration trailer which utilizes GE iFIX.

25. Instrumentation & Controls

Question: Where are the other (3) PLC panels located?

Answer: Please disregard Section 406113-1.01 B – Existing conditions. A total of 1 new PLC is being installed with this project that will communicate to the proposed SCADA panel in the new Administration trailer which utilizes GE iFIX.

26. Instrumentation & Controls

Question: Is the I&C Contractor to migrate the current GE iFix SCADA to Rockwell PlantPax SCADA?

Answer: Please disregard Section 406113-1.01 B – Existing conditions. A total of 1 new PLC is being installed with this project that will communicate to the proposed SCADA panel in the new Administration trailer which utilizes GE iFIX. The contractor is not required to migrate the SCADA system to Rockwell.

27. No subject

Question: Can you please provide specs for the 16" flanged plug valve that has a electric actuator?

Answer: Motorized actuators are to be Rotork per the County's requirements.

28. Electricians

Question: I am following on my previous questions about the Electrical Specs, can we please have some clarification? As of right now none of our electricians are looking into this project as we don't understand who is responsible for the electrical scope of this project

Answer: Please disregard the referenced statement. The bidder is responsible for furnishing and installing all electrical components.

29. Construction & Admin Trailers

Question: Is it the intent of this Contract for the Contractor to purchase and install both the Construction & Admin Trailers in general accordance with the Specifications Provided in Section 6 & Section 7

Answer: The Contractor is required to purchase and install both the Construction and Administration trailer.

30. Detail for Type C Drainage Basin

Question: Plan Sheet #9 "Grading, Paving & Drainage Plan" Shows (4) New Drainage Basins "DBI Type C", however, there is no detail for this basin on the detail plan sheets #'s 15, 16 & 17, please provide a detail DS-1, 2, 3 & 3A.

Answer: Details and additional information have been provided in the revised plans, uploaded via addendum 2.

31. Paving Scope

Question: Please clarify the extent of the new pavement on the project as shown on Sheet #7 & #9, as the areas are not shaded on the drawings (only outlined). Is the Handicap parking area concrete or pavement? Are the areas under the (2) trailers and ramps/stairs to be pavement, 57 rock , concrete or nothing at all? Please confirm that the only main pavement areas at the West driveway and to the North-East of the Dbl-Wide Trailer where the drainage piping and catch basins are being installed?

Answer: Details and additional information have been provided in the revised plans, uploaded via addendum 2. The handicap area and access sidewalk are to be concrete, the parking area around the Construction trailer as well as under both the construction and administration trailer is to be No. 57 Stone.

32. Sidewalk

Question: Please clarify the required sidewalks on this project, Drawing Sheets #7 & #9 show what looks like a sidewalk from the West Driveway Entrance to the Single Wide Trailer. Please confirm that is the only sidewalk and provide a detail.

Answer: No sidewalk work is associated along the western driveway. A concrete sidewalk is required adjacent to the construction and administration trailer as shown in the revised plans, uploaded via addendum 2.

33. VFD Provider & Panel Details

Question: Who is to provide the VFD Panel or Panels (Manufacturer, Electrician, or I&C Subcontractor)? E-201 and E-301 clearly show the 2 VFD's in the same enclosure, for HSP-2 and HSP-3 (15 HP). And Spec 262923 also describes Line Reactors, Filters and other appurtenances that would

suggest custom fabrication, not typically by the Manufacturer. If this single-panel or individual panels for each are to be custom-fabricated by Panel-builder such as the I&C Subcontractor, then it would be requested that a Panel Layout be provided, similar to that shown on I-301; and also a detailed Wiring Diagram for such.

Answer: The Contractor shall provide all labor and materials for this project, including the pump control panel and VFD's. The contractor shall provide a single control panel housing two VFD's for pumps 2 and 3 as shown.

34. New Fiber

Question: Per E-201 and I-101, it appears there are only 2 new Fiber-runs being added: (1) from Magmeter/Converter to MPS-CP-1; and (2) from MPS-CP-1 to existing Plant Network Switch (located in HSPS Building). Please confirm these are the only two runs; and that the existing SCADA Network Switch will accommodate the 2nd fiber run described above.

Answer: Confirmed, there are only 2 new fiber runs being added. The plant network switch notated as "SCADA" will be within the Administration trailer, see Note 2 on Sheet E-201. Contractor shall include a fiber patch panel within their bid to account for the additional fiber run.

35. Witnessed Factory Testing

Question: (Spec 406113-2.08-A-1-a) Request for consideration that stated Factory Test be changed from "Witnessed" to "Un-witnessed" - yet with all requirements of the Factory Testing to otherwise be met.

Answer: This is acceptable, the testing can be un-witnessed.

36. Other Municipality / Project (NOT Collier County) identified

Question: (Specification 406166-2.05-A) Reference to City of Rockledge WRF, Flow EQ / ST / Digesters is out-of-place for this Project. Requesting removal of this language at a minimum; and assurance that any portions of the Specifications do NOT reflect the Design considerations and technology choices for this other project.

Answer: Please disregard the reference to the City of Rockledge WRF. All other requirements and statements in section 406166 are applicable.

37. What will be the SCADA Platform at the completion of this Project?

Question: Please see also, previously submitted Questions #24 & #26. While Spec 406113-1.01-B-1-a and Spec 406113-2.07-A mostly align to suggest that we are replacing the present GE-iFIX system with (RA) Plant PAX, just asking to confirm if this what is wanted and required here. Noted that all other Collier County Plants are GE-iFIX. If we are going to Plant PAX here, much more information will have to be provided: How many screens, existing, are to be converted? What are the I/O Tag-counts for all of the 4 existing PLC's, and/or the transmitted/received tag-counts currently going into iFIX? New SCADA System, but no new workstations or servers?

Answer: Please disregard Section 406113-1.01 B – Existing conditions. A total of 1 new PLC is being installed with this project that will communicate to the proposed SCADA panel in the new Administration trailer which utilizes GE iFIX.

38. Double-wide Trailer

Question: Please confirm that the double-wide trailer as depicted on Sheets 7 and 9 is to be provided by the Contractor.

Answer: The Contractor is required to purchase and install both the Construction and Administration trailer.

39. Double-wide Trailer

Question: Please provide basis of design for the double-wide trailer manufacturer.

Answer: The Engineer of Record coordinated with Wilscot on the design. The contractor is free to contact Wilscot but is also free to provide an or equal for the trailers shown.

40. Single-wide Trailer

Question: Please confirm that the single-wide trailer as depicted on Sheets 7, 8 and 9 is to be provided by others and not included as part of this contract.

Answer: The Contractor is required to purchase and install both the Construction and Administration trailer.

41. New SCADA Programming Software provisions

Question: (Specification 406166-2.02-D-3) Related to the above question concerning which SCADA Platform - GE-iFIX or Plant PAX (through Rockwell FactoryTalk) what is decided there likewise affects what will be required for new SCADA Programming Software under this Paragraph. If it is to stay iFIX, then chances are the existing iFIX has enough allocated tags from previous provision to accommodate the relatively minor tag-additions for this project. If we are going to Plant PAX (and presumably replacing the iFIX with RA FactroyTalk), then the tag-count and servers/workstation questions from the previous question above bare re-visiting, with much more details needed.

Answer: Please disregard Section 406113-1.01 B – Existing conditions. A total of 1 new PLC is being installed with this project that will communicate to the proposed SCADA panel in the new Administration trailer which utilizes GE iFIX.

42. Bid Date

Question: We just received notification and reviewed the Addendum #2 that was released. Would it be possible to postpone the Bid Due Date at least another week, so that we can the electricians adequate time to look at the specs and drawing? As of right now no electricians were looking at this project as it was unclear who was responsible for the electrical components, and they did not want to waste their time bidding it as it clearly stated that the electrical work would be by the County's Electrician. In addition it was very unclear as who was to provide the actual trailers, this will also take time to get competitive pricing on. Thanks Thad...

Answer: Please see addendum 3. In reference to the trailer comment: Section I – Project Description states: “The project shall include, but not be limited to: • Removal and reinstallation of chain-link fencing along the perimeter of the facility. • Installation of a new construction trailer. • Installation of a new administration trailer. • Installation of new above grade piping assembly. • Installation of new below grade piping assembly. • Installation of new concrete driveway and concrete pad. • Installation of new No. 57 stone pump pad.” This further illustrates the requirements of providing both trailers as part of the bid package. The Contractor is required to purchase and install both the Construction and Administration trailer.

43. No subject

Question: Can you please provide a spec for the Rotork actuator? Collier County does NOT have a specification online for these.

Answer: Please refer to the attached specification - 24-8282 – Exhibit J – Section 409236 Valve Actuators, Electric, uploaded via addendum 3.

44. Bid Bond

Question: Does the original bid bond need to be submitted to the county?

Answer: Prospective bidders will submit "Form 7 - Bid Bond" electronically with the bid package.

45. No subject

Question: Can we confirm that the double office trailer will be a permanent addition, and not have to be removed after construction?

Answer: The Contractor is not responsible for removal of the Construction trailer (double wide) at the completion of this project.

46. Drainage Piping

Question: Please provide a material type and detail for the drainage pipe shown on Sheet #9, the last Addendum Sheet #18 detailed the (4) Catch Basins, but not the pipe. We checked the Collier County Standard Specifications & Details and we do not find anything on drainage piping per Question #19 Answer, Please Advise...

Answer: Per Collier County Land Development Code, 6.05.01. N.1.F., The pipe materials must meet the requirements set forth in sections 943—948 inclusive of the current edition of the Florida Department of Transportation Standard Specifications for Road and Bridge Construction. Only concrete pipe or other pipe materials approved by the County Manager or designee may be used in tidal or salt waters.

47. No subject

Question: Are there engineered drawings for fire alarm or data?

Answer: There are no drawings for fire alarm or data. The Contractor is responsible for coordinating with the trailer manufacturer to meet the latest edition of the Florida Building Code.

48. Trailer Electrical Feed

Question: Please advise were we are suppose to get the electrical power from for the (2) permanent office trailers, the double wide requires Feeders for (2) 125AMP - 240V Panels, and the single wide requires (1) 150AMP - 240V Panel. We assume these will be feed from LP-1, please advise if this is correct as no electrical feeders for the trailers are shown on the drawings?

Answer: The feed for the administration trailer is shown on sheet 7 of the Bid Plans. The feed for the construction trailer is to the Prop. 200A Elec. Service to the south of the trailer shown on sheet 7 of the Bid Plans.

If you require additional information, please post a question on our Bid Sync (www.bidsync.com) bidding platform under the solicitation for this project.

Please sign below and return a copy of this Addendum with your submittal for the above referenced solicitation.

(Signature)

Date

(Name of Firm)