



PURCHASING DEPARTMENT

840 West 11th Street
Panama City, Florida 32401
Telephone: (850) 248-8270
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**BOARD OF COUNTY
COMMISSIONERS**

February 10, 2022

WWW.BAYCOUNTYFL.GOV

Prospective Respondents

RE: Addendum #4 22-23 Williams Bayou Pump Station Generator and Utility Mitigation Project 4399-016-R

Please accept this as Addendum No. 4 for the above referenced solicitation.

840 WEST 11TH STREET
PANAMA CITY, FL 32401

Please see attached Revised Bid Form allowing for an alternate size generator. The generator is to be sized appropriately to run the pumps that currently have no emergency power supply.

COMMISSIONERS:

There will be an additional site visit available **Friday, February 11, 2022 at 8:00 am** Central Time at the Williams Bayou Pump Station.

TOMMY HAMM
DISTRICT I

The bid deadline has been extended to **Thursday, February 24, 2022 at 2:00 pm Central Time.**

ROBERT CARROLL
DISTRICT II

For Clarification regarding Section 3 Contractor Requirements – Employee Roster is not required with the bid, employee roster will be required only from the awarded contractor prior to beginning construction.

WILLIAM T. DOZIER
DISTRICT III

DOUGLAS MOORE
DISTRICT IV

The following question has been received. The County's answer follows in **bold.**

PHILIP "GRIFF" GRIFFITTS
DISTRICT V

1. During the pre-bid meeting it was stated that an Electrical PE was required but a Civil PE was not. Please confirm that a Civil PE is not required for erosion and sedimentation control design and inspections with other site design work. **All professionals shall be licensed or certified in their field for the service being provided.**
2. Will the Florida Department of Environment Protection be involved in design review, permitting or inspections? **Yes.**
3. What is the required diesel tank fuel capacity? The Bay County Standards and Specifications state a minimum 24 hour capacity! **The generator supplied shall have a minimum fuel capacity to run 72 hours at rated output.**

ROBERT J. MAJKA
COUNTY MANAGER

4. Is a SCADA or local HMI interface desired for new VFD controlled systems? If so, does it need to be integrated with an existing SCADA? Does the generator need to be added to the SCADA? SCADA is desired for the new control system. **Yes, the new control system will need to be integrated into the existing SCADA system. The generator should also be integrated into SCADA.**
5. The Statement of Work does not mention demolition of the existing electrical and control systems. Is the demolition of the existing electrical, controls and structures part of this bid? **Yes.**
6. Would a parallel generator design be considered instead of the 2.5MW Generator? **Parallel generator design will not be considered. The generator is to be sized appropriately to run the pumps that currently have no emergency power supply.**
7. Are existing As-Built drawings or sequence of operation documents available? **Plans are available for viewing at Bay County Utility Services Department located at 3410 Transmitter Road, Monday through Friday from 08:00 am 4:00pm. However, pursuant to FS 119.071(3)(b)1 Water Treatment Plant drawings will only be available to a licensed architect, engineer, or contractor who is performing work on or related to the water treatment facility or other structure owned or operated by the County and will not be available to the general public. The entities or persons receiving such information shall maintain the exempt status of the information.**
8. Where is the 500 year Flood Elevation? **The information is available from the FEMA website: <https://msc.fema.gov/portal/home>**
9. How many hours run time does the Stand-by Generator need? **The generator supplied shall have a minimum fuel capacity to run 72 hours at rated output.**
10. Are VFD rated cables required from VFD's to Motors? **Bidder should include in their price everything necessary for a turnkey project.**
11. Do you have any Single Line Drawings of existing system? **Plans are available for viewing at Bay County Utility Services Department located at 3410 Transmitter Road, Monday through Friday from 08:00 am 4:00pm. However, pursuant to FS 119.071(3)(b)1 Water Treatment Plant drawings will only be available to a licensed architect, engineer, or contractor who is performing work on or related to the water treatment facility or other structure owned or operated by the County and will not be available to the general public. The entities or persons receiving such information shall maintain the exempt status of the information.**

12. Please provide as-builts of existing site for review while preparing bid. Specifically Civil and Electrical. **Plans are available for viewing at Bay County Utility Services Department located at 3410 Transmitter Road, Monday through Friday from 08:00 am 4:00pm. However, pursuant to FS 119.071(3)(b)1 Water Treatment Plant drawings will only be available to a licensed architect, engineer, or contractor who is performing work on or related to the water treatment facility or other structure owned or operated by the County and will not be available to the general public. The entities or persons receiving such information shall maintain the exempt status of the information.**
13. Please provide system one line for review while preparing bid. **Plans are available for viewing at Bay County Utility Services Department located at 3410 Transmitter Road, Monday through Friday from 08:00 am 4:00pm. However, pursuant to FS 119.071(3)(b)1 Water Treatment Plant drawings will only be available to a licensed architect, engineer, or contractor who is performing work on or related to the water treatment facility or other structure owned or operated by the County and will not be available to the general public. The entities or persons receiving such information shall maintain the exempt status of the information.**
14. Please provide link to Bay County Standards and Specifications as described in the bid request document. Standards and Specifications were not easily located on Bay County Permitting Division website. **Standards and Specifications can be found at:**
<https://www.baycountyfl.gov/DocumentCenter/View/211/Manual-of-Standards-and-Specifications---Water-and-Wastewater-Main-Construction-PDF?bidId=>
15. Will CAD plans be made available to awarded bidder for use with developing construction documents? **Plans will be provided to the awarded contractor in the County's existing format. However, pursuant to FS 119.071(3)(b)1 Water Treatment Plant drawings will only be available to a licensed architect, engineer, or contractor who is performing work on or related to the water treatment facility or other structure owned or operated by the County and will not be available to the general public. The entities or persons receiving such information shall maintain the exempt status of the information.**
16. What is the project schedule for design phase? **All activities shall be complete by July 1, 2023.**
17. What is the project schedule for construction phase? **All activities shall be complete by July 1, 2023.**
18. What is the allowed downtime of site (specific equipment) to allow for construction activities? **Allowable outages vary based on demand.**

19. Is coordination study required by contractor for new system components? **Yes, please refer to advertised scope of work.**
20. Is coordination study required by contractor for remainder of existing system not impacted by construction? **Yes, please refer to advertised scope of work.**
21. Is arc flash analysis required by contractor for new system components? **Yes, please refer to advertised scope of work.**
22. Is arc flash analysis required by contractor for remainder of existing system not impacted by construction? **Yes, please refer to advertised scope of work.**
23. What is 500 year flood elevation at site location? **The information can be found at this website: <https://msc.fema.gov/portal/home>**
24. What type/manufacturer of control system is currently in place to control (7) existing pumps and other associated equipment? **Allen Bradley ComPact Logix PLCs, Fiber optic telemetry TCP/IP, GE MDS SD series radio with serial.**
25. What vendor does Bay County utilize for the controls of equipment on this site? **Irby for parts, Nancy Ramer ramer@irby.com, 251-369-2374. Viper Automation for programing, Gregory Kumpula greg@vyperautomation.com. Bay County IT Department for Fiber optic.**
26. Will existing control system remain in place to communicate with new VFDs? **No, but will require the upgrade of PLCs and controls to current standard. Relocation to the new MCC should be included. The current PLCs are SLC500 and are no longer supported by Rockwell, please refer to advertised scope of work.**
27. If new control system is desired, what are the specifications and requirements for the new control system? **Allen Bradley ComPact Logix PLCs, Fiber optic telemetry TCP/IP, GE MDS SD series radio with serial.**
28. Are there any special requirements / options desired for new VFDs? **TCP/IP data collection capable.**
29. Please confirm that someone has reviewed the (7) existing motors and verified they are rated for use with a VFD. **Pumps 2 and pump 6 are the only ones that are rated for VFDs currently, the remaining pump motors will be replaced with inverter rated motors later this year.**
30. Please confirm whether the (7) motors have existing shaft grounding. **No, to the best of the County's knowledge they are not.**

31. Please provide the voltage, full load amps, and HP ratings for each of the (7) pumps? **This information should have been collected during the site visit.**
32. What are HP ratings for each of the (7) pumps? **This information should have been collected during the site visit.**
33. Confirm voltage of each of the (7) pumps. **This information should have been collected during the site visit.**
34. Does owner have designated (preferred) location onsite for new generator and VFD building? Please identify if so. **No.**
35. Please confirm pre-fab building for housing VFDs is provided by contractor. **Confirmed.**
36. Is Lightning Protection System required for new structures? **Yes.**
37. What runtime (hours) is desired for new generator diesel fuel tank? **The generator supplied shall have a minimum fuel capacity to run 72 hours at rated output.**
38. Is desire for new 2.5MW generator to supply emergency power to only (4) pumps and no other loads onsite? **Refer to scope of work.**
39. Has owner or owner's representative already performed equipment sizing to determine 2.5MW generator size is proper size for load? **The generator is to be sized appropriately to run the pumps that currently have no emergency power supply.**
40. Are existing generator(s) to remain in place as existing? **The existing generator shall remain.**
41. What the voltage desired for the new generators? **Medium voltage 2300VAC.**
42. Define Hardened Structure for Exhibit 2 Scope Work: Enclosure, building, what wind Rating, does it need to be Missile Impact Rated? **Hardened structure needs to be an enclosure protected against a 500 year flood event and wind rated to 165 mph but does not need to be missile impact rated..**
43. Does enclosure need to be aluminum for salt spray? **No.**
44. What the runtime on the fuel tank? **The generator supplied shall have a minimum fuel capacity to run 72 hours at rated output.**
45. Is there a lead-time deadline for installation?- generator lead-times currently are running long. **All activities shall be complete by July 1, 2023.**

46. To know what elevation needed get above the 500-year flood plan what is the elevation at site? **The information is available from the FEMA website:**
<https://msc.fema.gov/portal/home>
47. Will the transfer switch need to have 4X stainless steel? **Not if indoors.**
48. Is the Wastewater Construction specs revised November 2020 the currents spec? **The current Standards and Specifications found at:**
<https://www.baycountyfl.gov/DocumentCenter/View/2111/Manual-of-Standards-and-Specifications---Water-and-Wastewater-Main-Construction-PDF?bidId=>
49. Please provide the full load amps for each of the (7) motors. **This information should have been collected during the site visit.**

All respondents shall acknowledge receipt of this addendum by signing and submitting, with their bid, the addendum acknowledgement form included in the Bid package.

Regards,

Scott Nabers
Contracts Administrator

**ADDENDUM 4
REVISED BID FORM
ITB NO: 22-23**

This proposal of _____, hereinafter called "BIDDER," organized and existing under the laws of the State of _____ doing business as _____ (Insert "a corporation", "a partnership" or "an individual" as applicable), is hereby submitted to the Board of County Commissioners, Bay County, hereinafter called "OWNER."

In compliance with the Advertisement for Bids, BIDDER hereby proposes to perform all work, as detailed in this bid.

By submission of this BID, each Bidder certifies, and in the case of a joint BID each party thereto certifies as to its own organization, that this BID has been arrived at independently, without consultation, communication or agreement as to any matter relating to this BID with any other BIDDER or with any other competitor.

Contractor agrees to perform the entire work as indicated on the drawings and in compliance with the Contract Documents and Specifications, complete in every detail.

The Lump Sum Contract Price specified **2.5MW Diesel Generator with 7 VFDs** is:

(Words)
(\$ _____)

The Lump Sum Contract Price **Alternate size Generator with 7 VFDs** is:

(Words)
(\$ _____)

Alternate Generator Make/Model/Capacity _____

Submitted By: _____
Name of Firm/Contractor Submitting This Bid

Bid Prepared By: _____
Name of Individual Who Prepared This Bid

Contact Email: _____

Address: _____

Phone: _____

Contractor's License No. _____

Signature of Authorized Representative of Firm/Contractor

Date

SEAL: (If bid is by Corporation)