
May 30, 2023

TO: All Bidders under Request for Proposal (RFP) No. 23-500640

FROM: Department of Purchasing and Contracting, DeKalb County, Georgia

ADDENDUM NO. 5

Request for Proposal (RFP) No. 23-500640 Upgrade Lower Crooked Creek No. 2 (LCC 2) Pump Station, is hereby amended as follows:

- A. It is **Mandatory** that proposers acknowledge Addendum No. 5.
- B. **Modification to the Request for Proposal.**
 - 1. Deadline for Submission of Proposals has been extended to June 21, 2023 at 3:00 P.M. EST. The location has NOT changed.
 - 2. **REQUIRED CHECKLIST.** Delete in its entirety. Replace with (Revised May 25, 2023) **REQUIRED CHECK LIST.**
 - 3. **ATTACHMENT B – COST PROPOSAL FORM.** Delete in its entirety. Replace with (Revised May 25, 2023) **ATTACHMENT B – 1 COST PROPOSAL FORM.**
 - 4. **RFP 23-500640, Section III. Proposal Format, Section B. Technical Proposal, 2. Format.** Delete in its entirety. Replace with:

Format - The Technical Proposal must not exceed a total of 50 single-sided pages or 25 double-sided pages, including Transmittal letter and Attachment B, Proposal Cover Sheet, and must be on 8½ x 11-inch paper with 1-inch or greater margins, excluding the index or table of contents, front and back covers, title pages/separation tabs, and appendices. A maximum of three (3) of the total pages may be 11 x 17-inch tri-fold format. Eleven-point font or larger must be used.
 - 5. RFP 23-500640. Insert the following:

EXHIBIT 11 - SCADA GUIDELINES

6. RFP 23-500640. Insert the following:

**EXHIBIT 12 - ROGER LAKE PUMP STATION OPERATIONS AND
MAINTENANCE (OM) MANUAL**

7. RFP 23-500640. Insert the following:

ATTACHMENT N – EQUIPMENT QUESTIONNAIRE

Note: Equipment Questionnaire must be submitted with proposal for
Proposal to be “Responsive”.

- C. We have received questions pertaining to this Request for Proposals. The questions and their resulting answers appear below:

1. Question: Do you have a list of DB firms that attended the Pre-Proposal Conference yesterday?

Answer: Yes. The Pre-Proposal Attendance Sheet can be downloaded from the DeKalb County Website at <http://www.dekalbcountyga.gov/formalbids.com>

2. Question: Exhibit 6 - Pump Station As-Builts – File download is giving an error.

Answer: The link to download the file has been fixed. The (Revised February 14, 2023) Exhibit 6 – Pump Station As-Builts can be downloaded from the DeKalb County Website at <http://www.dekalbcountyga.gov/formalbids.com>.

3. Question: RFP is locked. In the past, RFPs from DeKalb, we were able to at least add tabs, notes, and highlights to the PDF file. Would it be possible to obtain documents that are not as locked?

Answer: No.

4. Question: Can I get the bidding documents for the project listed above? Also, can I get an estimated project value if available?

Answer: Traditional bidding documents (drawings/specifications) are not available as this is a Design/Build (D/B) project. No current Opinion of Probable Construction Cost (OPCC)/project value is available.

5. Question: I have downloaded what is on your site, and want to confirm that there are not Exhibits 2, 3, 4, 7, 8, and 9. Would you please confirm this for me and let me know if there is anything else that I need to do to be on the prospective bidder’s listing for participation.

Answer: Exhibits 2, 3, 4, 7, 8, and 9 are included in the RFP. Potential proposers and each joint venture partners are required to attend at least one LSBE meeting and pre-proposal meeting. The site visit is optional.

6. Question: Does DeKalb County have any wet well or dry pit minimum size/volume requirements in terms of footprint or wet well storage requirements?

Answer: Yes. D/B should use a maximum of 3 starts per hour for each set of pumps for sizing the wet well.

7. Question: The project requires a condition assessment of certain force mains. The RFP does not specify any rehab or replacement requirements if the pipe is found in need of repair. Will any rehab or replacement work be added to the GMP after the condition assessment is completed?

Answer: No. The rehabilitation or replacement (if necessary) of the force mains (24" and 4") will be accomplished through a separate contract.

8. Question: A technical memorandum included in the RFP discusses pressure transient issues, including during a power failure. As noted, RVSS (or VFD's) will provide sufficient mitigation for normal shutdown of LCC#2 pumps when pumping from LCC#2 to LCC#3. Does additional analysis have to be performed since the selected option has LCC#2 pumping beyond LCC#3 to the gravity sewer?

Answer: Yes. Transient analyses shall be a part of the detailed pump station design.

9. Question: The same technical memorandum (TM) indicates the RVSS (or VFDs) will not provide sufficient transient migration during events such as power failure. The TM indicates that events such as power failure will require external devices such as flywheels or a hydro-pneumatic tank to control hydraulic transients.

- a. Are provisions to be included in the GMP to address transient issues during a power failure?
- b. Will the County add a line item in the Cost Proposal for this item?

Answer: Yes, provisions are to be included in the GMP to address transient issues during a power failure. No additional line item will be added.

10. Question: Please provide additional detail about the force main condition assessment technologies to be used. Level of detail, accuracy & cost for this task can vary greatly.

Answer: DWM expects a **physical assessment** of all force mains to be completed as part of this project that is applicable to the material of the force main being evaluated. The results of any assessment will include pipe wall evaluations and identify potential deficiencies.

11. Question: Upon review of the of the exhibit documents provided, it appears that some pages were inadvertently left blank. Please advise if additional information was intended to be included in the areas of blank pages.

Answer: Exhibits 1, 5, 6 and 10 are large files which can be downloaded from the DeKalb County Website at <http://www.dekalbcountyga.gov/formalbids.com>.

12. Question: It is requested for DeKalb to provide the entire document entitled “Long Term Action Plan Report” for which only excerpts are currently provided in the Exhibits. Without this documentation, it will be prohibitive for prospective proposers to provide accurate and complete GMP pricing information as the basis for the design is not clearly defined. Please provide this report in its entirety.

Answer: No. All applicable portions of this alternatives study were provided.

13. Question: Our team would like to complete a site visit to each pump station site. Please provide the county’s desired contact and procedure to set up this site visit.

Answer: A non-mandatory site visit to each pump station was held on March 14, 2023. Proposers shall follow the site visit schedule listed on Attachment M – Pump Station Location. Proposers or its authorized representative should sign in with a representative of DeKalb County’s Purchasing and Contracting department at the site visit as proof of attendance.

14. Question: Just a quick review (unable to open the entire document) – this looks like a lump-sum design-build rather than a progressive design-build. Is that correct?

Answer: Yes. This is a lump-sum based design/build project.

15. Question: Does DeKalb County still require the Prime to sign contracts with subcontractors prior to the County signing a contract with the Prime?

Answer: Yes.

16. Question: There is a Discrepancy in due date. Page 1 states proposals are due May 1st, however, page 20 (under section IV.V.B.) states April 12th. Please clarify.

Answer: The proposal submission date is June 21, 2023. Please refer to above Modification to the Request for Proposal No. 1.

17. Question: Based on the requirements of this proposal to produce an engineered concept for GMP proposal pricing, would DWM consider an extension past May 1st?

Answer: Please refer to above Modification to the Request for Proposal No. 1.

18. Question: Should the cost proposal be included, or should it not be included in a separate thumb drive? Page 11 (Section III. A. 1.) states to include while page 20 (Section IV.V.B.) states not to include.

Answer: Yes, the cost proposal and an unlocked thumb must be included with your submitted proposal.

19. Question: The force main as-builts for force main portion between LCC #2 and LCC #3 have not been provided. Please provide.

Answer: DWM has not been able to locate these drawings.

20. Question: The force main as-builts provided for pipe between LCC#3 to the discharge manhole into the gravity sewer indicate a date of 2013. Is this the install date? How old is this pipe?

Answer: DWM believes the 2013 date is approximately correct but we cannot confirm conclusively with existing construction documentation available in DWM records.

21. Question: Please define the scope for the Force Main assessment activity. Would an allowance be considered for this scope of work since it is undefined?

Answer: Please refer to Question and Answer No. 7 and No. 10

22. Question: Several references to Roger's Lake PS are included. Some references include upgrading only the mechanical portion of the PS. Other references call for replacement of the PS. Other references provide for an option to replace or rehabilitate. Please clarify the scope intended for the Rogers Lake PS.

Answer: The design/bid team will assess the Rogers Lake Pump Station and provide recommendations. The pump station shall be replaced or rehabilitated based on the results of the assessment. However, the design/build team shall include replacement cost in the cost proposal.

23. Question: Is Parcel **16 189 02 008** (owned by DeKalb County DWM per tax records) available for this project?

Answer: Yes.

24. Question: Ground water conditions, soil conditions and geotechnical/rock profile will be necessary to accurately provide for a structural design and to form a GMP for the concrete work. Is this data available? If so, please provide.

Answer: No geotechnical data is available for this project. Any geotechnical work needed for this project shall be included in the appropriate line item in the cost proposal design line item.

25. Question: Page 4 I.B states requirement for either Variable Frequency Drive (VFD) or integrated Variable Voltage Soft Start (VVSS). Page 172 A.iii states that VFD is required. Which is it?

Answer: VFDs shall be required for this pumping application (pumps in series).

26. Question: Do project experience sheets count as part of the 26-page limit?

Answer: Yes, the project experience sheets are included in the page limit. The Page count has been modified to a 50-page limit. Please see above Modification to Request for Proposal No 4.

27. Question: The provided document - Exhibit 10 "Technical Guide Specifications" is missing Electrical and I&C sections. Please provide the missing sections.

Answer: DWM guide specifications do not have divisions 16 or 17. The D/B team will have to develop/provide all necessary specifications and should reference the current DWM design manual which contains much of the key requirements.

28. Question: Rogers Lake PS. Please confirm the PS normal power source. There were no utility power lines, transformer and meter during the site visit. Please provide pictures of the existing electrical gear feeding the lift station, indicate feeder breaker size, voltage and phase (480V, 3Ph?). Confirm the existing power conductor and conduit size feeding the Pump Station. Indicate the location of the existing gear feeding the pump station.

Answer: No pictures are currently available but the Operation and Maintenance Manual for this pump station should address these questions. Power source for the Rogers Lake Pump Station is from the adjacent sanitation processing facility. Power is 3 phase. Refer to Rogers Lake Pump Station Operations and

Maintenance Manual provided in the above Modification to the Request for Proposal No. 6.

29. Question: Rogers Lake PS. Once the new pumps will be sized and in case of the existing power service to the PS is determined to be adequate and existing power conductors can be considered for reuse, please confirm if the County would allow power conductors splicing in order to extend to the connection point at the new Pump station?

Answer: No. Junction box connection shall be provided at the minimum plus meeting all applicable codes.

30. Question: Based on the site visit observations it was found that the existing LCC2 SCADA system is utilizing (or utilized at some point) multiple communication means with a central SCADA system: radio, cellular connection (over Mission and/or Telog RTU's) and fiber optic. Please clarify what is the County's preference for SCADA communication type and whether multiple communication types shall be utilized.

Answer: Allen Bradley ControlLogix PLC is required and will be reviewed during the RFI process. SCADA guidelines and standards have been included by Addendum. Please refer to the above Modification to the Request for Proposal No. 5.

31. Question: 18. Depending on the complexity of the selected security system and the required SCADA communication type, please confirm that the DB shall include a fiber optic network connection (from public network provider or Dekalb internal FO network) at the new LCC2 station.

Answer: No fiber optic network connection will be needed.

32. Question: Is lightning protection required for the new building at LCC2?

Answer: Yes, lightning strike protection should be included.

33. Question: Please confirm that the 4" Force Main from Rogers Lake LS listed in the Force Main Assessment is a part of this project scope.

Answer: Yes, the smaller force main needs to be evaluated.

34. Question: The RFP document, sheet 175 of 179 is specifying to have a "building security system to be connected to the SCADA system". Please provide specifications and additional details for the required security system. Please

confirm whether a regular intrusion switches at each entrance door would be adequate or if a complete system that may include use of access card readers, doors electronic locking system, surveillance cameras, etc. shall be included

Answer: Intrusion detection dry contacts on all do on all entrances and exits as well as PLC and instrumentation panels and connected to PLC/SCADA. Door King type automated front gate for access will be required with keypad access (programmable). Please note the DWM SCADA Standards will also provide useful information to the D/B teams regarding building security.

35. Question: The RFP document, sheet 175 of 179 is specifying to have a “the fire detection and alarm system to be connected to the SCADA system”. K and additional details for the required fire alarm detection and alarm system. Please confirm whether smoke detectors connected directly to SCADA system would be adequate or if a complete certified fire alarm system that may include centralized fire alarm control panel, pull stations, horns and lights, etc. shall be included.

Answer: The smoke detector shall be adequate and connected to PLC. No specific technical specifications are available for fire alarm detection other than the DWM SCADA Standards document provided via this addendum.

36. Question: Please have all communications sent to estimating@morgan1.com for this project. Let me know if you need anything else from me for us to be able to get a full set of official bid documents.

Answer: Solicitation documents can be downloaded from the DeKalb County Website at <http://www.dekalbcountyga.gov/formalbids.com>.

37. Question: I respectfully request that KSB pumps be considered, as an equal, for the referenced project. We have made the hydraulic selections, based on the required 4MGD(2,778GPM) at the 260ft TDH, and have selected a single dry pit submersible pump which will operate at hydraulic efficiency of 79.6% and require a 268HP motor.

Answer: DWM design manual (latest edition) notes preferred submersible pump vendors. KSB pumps can be submitted for approval through the RFI/Submittal review and approval process outlined in the sample contract. No determination will be provided at this time.

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- D. It is the responsibility of each responder to ensure that he is aware of all addenda issued under this RFP. Proposer must sign and return acknowledgement to this addendum. You may call Willie Moon, Senior Purchasing Agent, 404-971-7021 before the proposals are due to confirm the number of addenda issued.
- E. All other conditions remain in full force and effect.

Willie Moon, CPPB
Senior Procurement Agent
Department of Purchasing and Contracting

ACKNOWLEDGMENT

Date: _____

The above Addendum No. 5 is hereby acknowledged:

(NAME OF PROPOSAL)

(Signature)

(Title)