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The Bay County Road Commission oversees the Bay County Department of Water & Sewer

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November 6, 2026

Request for Proposal for Dissolved Air Flotation (DAF) Replacement Engineering

The Bay County Department of Water and Sewer is hereby requesting sealed proposals for professional engineering services related to evaluating replacement options for the aging Dissolved Air Flotation (DAF) units at the West Bay County Regional WWTP and completing design engineering for the selected replacement alternative. Proposals must be received at the Bay County Road Commission Offices located at 2600 East Beaver Road, Kawkawlin, MI 48631, before 10:00 A.M. local time on Wednesday, December 9, 2026, at which time they will be publicly opened and read aloud at the Road Commission meeting.

The project scope is as follows:

- **A mandatory pre-proposal conference and site visit will be held at the West Bay County Regional WWTP at 10:00am on 11/16/26.**
- The West Bay County Regional WWTP operates two Dissolved Air Flotation (DAF) units. Manufacturer's Data and Specifications for the DAF units and associated equipment will be attached to this RFP. The Department is seeking an engineering firm to evaluate practical replacement options and provide design engineering for the alternative selected by the Department. Proposals should identify the information, operating data, and site access the firm would need to complete the evaluation.
- The purpose and scope of the project shall include:
    - Evaluate the existing DAF units and associated equipment, including their condition, operational performance, capacity, limitations, and compatibility with existing plant processes and infrastructure.
    - Develop and compare at least three feasible replacement alternatives, where practicable. Alternatives should address appropriate equipment and process configurations, required ancillary equipment, controls, piping, electrical/instrumentation needs, and any necessary building or site modifications.
    - For each alternative, provide a conceptual description and drawings as appropriate, design criteria and assumptions, advantages and disadvantages, anticipated operating and maintenance considerations, and an opinion of probable construction cost. Identify significant cost assumptions and uncertainties.

- Evaluate, as applicable, hydraulic and solids-handling capacity, treatment performance, chemical and energy use, reliability, maintainability, equipment availability, and the

ability to maintain plant operations during construction. Identify any additional data collection or testing that may be needed and price it separately as an optional service.

- Following the Department's review and selection of a preferred alternative, provide design engineering for the selected replacement. Identify anticipated deliverables, which should include design calculations and criteria, plans and specifications suitable for bidding and construction, an updated opinion of probable construction cost, and assistance with bidding and construction-phase services as separately identified options. The proposal should clearly distinguish the alternatives-evaluation phase from final design and any optional services.
- All proposals must include a detailed scope of services, schedule, fee proposal, and a not-to-exceed amount for the base services. Break out fees for the alternatives evaluation, final design, bidding assistance, construction-phase services, and any optional work.
- Please provide the qualifications and relevant experience of the project manager and each key team member who would work on this project. Include similar sludge thickening or wastewater treatment projects, project size and scope, equipment or technologies involved, the individual's role, and references where available.
- The proposal should include a preliminary project schedule showing the anticipated duration of the evaluation, Department review and alternative selection, design, bidding, and construction. It is the expectation of the Bay County DWS that the project be sufficiently advanced to advertise for construction bids by **July 1, 2027**.The Department will coordinate the schedule with the selected firm based on the findings and the plant's operational needs.
- All questions regarding this proposal must be submitted electronically no later than 4:00 P.M. local time on Wednesday, December 2, 2026, to Allen Cardinal, Wastewater Superintendent, at acardinal@baycountydwsmi.gov and Tim Fitzgerald, Project Manager, at tfitzgerald@baycountydwsmi.gov. Proposals must be clearly marked "DAF Replacement Engineering Proposal" and submitted in a sealed envelope. Late proposals will not be considered.

The Department reserves the right to reject any or all proposals, request clarification, and select the proposal determined to be in the Department's best interest, consistent with applicable procurement requirements.