



GUAM WATERWORKS AUTHORITY
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IFB No. 2024-08
Wastewater Treatment Chemicals for NDWWTP, ASRWWTP and UMWWT
Response to Inquiries No. 6


This addendum serves to revise the previously issued bid documents and/or provides additional information for informational purposes. In cases where the responses below result in modifications to the bid documents, please consider them as amendments to the original IFB 2024-08. The following responses address RFIs received from potential bidders on October 14, 2024.

	Questions from October 14, 2024	GWA RESPONSE:
1.	How do we schedule for full-scale testing, and is this the process to determine "GWA certification" for our product that we jar tested?	<p>To schedule a full-scale testing and proceed with the potential "GWA certification" for the product you jar-tested, please submit a formal full-scale trial request to the GWA Procurement Office. The GWA Procurement Office will then coordinate with the GWA Wastewater Treatment Plant Operations Staff (Staff) and the Requesting Vendor to arrange a suitable time for the proposed full-scale trial.</p> <p>However, please note that full-scale tests will only be approved for products that meet the following general requirements from Section I.C.g of the IFB:</p> <ol style="list-style-type: none"> 1. All chemicals must be sourced from manufacturers that comply with the "Ten States Standards" and adhere to WEF (Water Environment Federation) and AWWA (American Water Works Association) standards for wastewater. 2. The products offered must be compatible with GWA's existing chemical handling equipment.
2.	How much material is sufficient for a five-day full-scale test? One particular product we have performs ideally by adding .5g of polymer to 500 ml of water and then extracting 5-6 ml of that solution to flocculate 100 ml of sludge that we determined to be ideal.	The vendor will need to make the determination of how much product will be needed based on Jar Testing results. Staff will provide the estimated flows during the proposed full-scale trial period to allow the vendor to calculate how much of the proposed chemical will be needed. It is recommended that the Vendor provide themselves with a safety margin so that no interruptions take place during the full-scale trial.

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	Questions from October 14, 2024	GWA RESPONSE:
	<p>a. What is GWA's criteria for floc size to determine the ideal dosage? We realized that there were finer clumps using 3-4 ml of the solution, but larger clumps at 5-6 ml. Theoretically, the job is complete at 3-4 ml, but we are unsure if GWA will be satisfied with the result. It would be ideal if GWA has a standard on how to grade the floc result so that we may determine the dosage to achieve these criteria.</p> <p>b. Will this be a mechanical full-scale test?</p>	<p>Floc size is not a judgement criterion. Critical factors are moisture content of the sludge and/or the clarity of the centrate/supernatant liquid (fluid centrifuged off or liquid above settled solids). The critical factor is the percentage capture of the solids .</p> <p>Yes, a full-scale test on total plant operating flow.</p>
3.	<p>When we were preparing for the jar test, we referred to the bid document strictly. However, we were caught off guard the by the need of a chemist – which we got sorted – but are now being told that we need to record & measure pH, turbidity, and temperature. Aside from these values, are there other metrics that we need to record for GWA's review? We don't see any indication for these requirements in the bid document, unfortunately. Kindly advise where we can refer to in case, we are missing something.</p>	<p>The critical parameters in evaluating an offered material remain moisture content of the sludge and/or the clarity of the centrate/supernatant liquid (fluid centrifuged off or liquid above settled solids.) The critical factor is the percentage capture of the solids. Additional data is a benefit but are not essential to the bid.</p> <p>It is important that anyone collecting data to be submitted for evaluation as bid support data be accepted as qualified to collect and present data by GWA.</p>

Bidders are also notified to visit the GWA website: www.guamwaterworks.org to ensure that any addenda to the bid, answers to questions, and reminders are communicated to all bidders during the solicitation process.



 Miguel C. Bordallo, P.E.
 General Manager *CB*

10/25/2024

 Date