



ADDENDUM # 5

May 27, 2026

Questions concerning Tender: **STEW-2026-02 – Water Plant Design**

Question: To ensure a consistent and comparable geotechnical scope across all submissions, please confirm that the following investigation program serves as the required baseline for the proposal:

Location / Infrastructure	Minimum No. of Boreholes	Target Depth (m)
Water Treatment Plant Control Buildings	2	10
Production Control Building	2	10
Water Storage Reservoir	2	5 – 25
Water Transmission Piping (~500m)	10	5

Answer: The above investigation program serves as the required baseline for the proposal.

Questions: The scope of geotechnical materials testing for construction (e.g., fill, granular materials, bedding, and concrete) is contingent upon final design and contractor methodology. To ensure all proponents are basing their submissions on a consistent basis of payment, could the Town provide a specific dollar allowance to be carried by all proponents for materials testing and associated labour hours? If not, is there a specific number and type of testing/ labour hours that should be completed by the consultant and not a third party hired by the contractor?

Answer: The Town defers this to each proponent to make a recommendation / estimate. The Town is not in a position to provide such estimates.

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Question 3: With the amount of information requested, could the page count on the main proposal be expanded to 30 pages

Answer: Proposals up to 25 pages will be accepted (increase of 5 pages).

Question 4: Please confirm for the hydraulic model that the new water reservoir located at the New Water treatment site will be used for storage, retention, and then pumped into the existing Windcrest Ave. storage tank.

Answer: We defer this to the design team for recommendation.

Question: Population projection: The 2021 population is indicated as approximately 1,800, while the future population for 2035 is estimated at approximately 5,100. In Addendum No. 3, it was asked whether population growth beyond the 2035 projection should be considered in the design, and the response was yes. Is population projection part of the scope of this study?

Answer: No, population projection is not part of the scope of this study

Question: Development areas: Should development areas be incorporated into the hydraulic model? If so, does the Town have development plans or growth area information available?

Answer: The Towns interactive zoning map will show all areas zoned for development.

<https://www.stewiacke.net/stewiacke-interactive-mapping-and-zoning-map.html>

Question: Scope of hydraulic modeling: Is the hydraulic modeling limited to the treated water system up to components such as the existing or proposed towers (as mentioned in Addendum No. 2), or are strategies/recommendations for the entire local distribution system also expected through modeling, considering the significant projected growth?

Answer: Strategies/recommendations for the entire local distribution system are expected.

Question: Model calibration and validation: For proper model calibration/validation, SCADA records, pressure monitoring, hydrant flow testing, and potentially C-factor investigations may be required. Are these data already available, or should the consultant consider implementing these tests as part of the scope of work.

Answer: SCADA data is available from the Towns current water treatment plant system and can be provided.

Question: Water quality analysis: Should water quality analysis within the water distribution network be considered part of the scope of work? Is the model Extended Period Simulations. Does Town have Chlorine Sampling throughout the system?

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Answer: The Town will have sampling date and will provide it to the selected proponent. The Town can supply data on our current system, however the proponent should factor in that a new water sources will be utilized and plan for additional capacity (increased population).

Question: Transient analysis: Should transient analysis for the transmission mains/pipes also be considered within the scope of work?

Answer: Please make a recommendation in your proposal. We defer to your expertise which will factor in to the scoring.

Question: Can the Town confirm whether full-time consultant site supervision is required during drilling activities, or if periodic supervision is acceptable?

Answer: Periodic supervision is acceptable.

Question: Can the Town confirm whether full-time consultant presence is required during pumping test activities, or if oversight may be conducted on a scheduled/periodic basis?

Answer: Oversight may be conducted on a scheduled/periodic basis.

Question: Please confirm whether permitting fees associated with required approvals will be covered by the Town, or if these costs are to be included by the Consultant.

Answer: The Town will cover the permitting fees.

Question: On Page 17 of the RFP, the scope includes: "*Water transmission/distribution piping interconnecting all above components to the existing TOS water distribution system, including hydrological modelling.*" Can the Town clarify what is intended by "hydrological modelling" in this context? Specifically: Does this refer to numerical groundwater or surface water (hydrological) modelling, or is this limited to hydraulic modelling of the water transmission/distribution system (i.e., piping design/modelling)?

Answer: It is limited to hydraulic modelling of the water transmission/distribution system (i.e., piping design/modelling).

Question: Can the Town confirm whether tree clearing or vegetation removal will be required to facilitate the proposed works, and if these costs are to be included by the Consultant?

Answer: Tree clearing and removal will likely be required. As it is difficult to determine the space and quantity, this price / item can be dealt with separate from this proposal between the Town and selected proponent.

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