

ADDENDUM NO. TWO
REQUEST FOR PROPOSALS
WATER QUALITY PROFILERS
PROJECT NO. 275-26
CITY OF THORNTON, CO

TO: Prospective Proposing Firms and all others concerned

DATE: August 6, 2026

PURPOSE: To provide additional information and clarification to the solicitation documents for the above-referenced Project.

1. The following information shall become part of the original Request for Proposals (RFP) for this Project.
 - a. Paragraph (b)(5) of Section B.2, *Scope of Work*, is revised as shown below in tracked changes:

5. Sondes must be capable of vertical profiling in the up or down direction up to 40 ft in 1.5-ft or 0.5-meter vertical increments.
 - b. Paragraph (e) of Section B.2, *Scope of Work*, is revised as shown below in tracked changes:

e. Provide installation of water quality profiler system, to include positioning the profiler in the center of the reservoir by small boat (which may be provided by Thornton), anchoring the system, and all required programming. See **Appendix No. 1** for a detailed map of EGL #4 and **Appendix No. 2** for a detailed map of WGL #2.
 - c. Paragraph (g) of Section B.2, *Scope of Work*, is revised as shown below in tracked changes:

g. Optionally, Pprovide ongoing maintenance and support services, including:
 1. Periodic service of sondes, and any other aspect of the system that requires Vendor support.
 2. Annual winterization of the water quality profiler system, if required and if this must be performed by the awarded Vendor.

Thornton anticipates that it can perform most maintenance tasks, including but not limited to visual inspecting the system; basic cleaning of the platform; retrieving, inspecting, cleaning, and performing field calibrations for the sondes; and replacing basic consumables, such as sonde wiper blades and batteries.

Ongoing maintenance and support services is an **optional** task. Vendors are not required to propose against this task. If the Vendor proposes to perform ongoing maintenance and support services, the Vendor should propose to perform tasks of complexity beyond the type that Thornton anticipates it can perform on its own, or tasks that the Vendor is required to perform in order to maintain any applicable warranties. Thornton anticipates that one annual service per year may be sufficient.

- d. Section B.4, *Delivery Considerations*, is revised as shown below in tracked changes:

Delivery and installation are ~~required by October 23, 2026~~ desired in Fall 2026. If Vendor is unable to meet this desired timeframe, delivery and installation may be performed in Spring 2027.

- e. The third paragraph in Section D.6, *Proposal Items*, is revised as shown below in tracked changes:

On line 2, Vendors are to enter their firm-fixed-price by year for any on-going software license costs that the Vendor would charge for Thornton's access to the SaaS web application, including any on-going costs for ~~cellular or~~ satellite communication to and from the datalogger. If this communication is to be through cellular data, Thornton will purchase its own SIM card under the City's existing cellular data contract and *not* use a SIM card supplied by the Vendor. Thornton is requesting five years of firm-fixed pricing, through October 2031. This amount would be payable at the start of each renewal year.

- f. The fourth paragraph in Section D.6, *Proposal Items*, is revised as shown below in tracked changes:

On line 3, Vendors are to enter (1) their firm-fixed-price ~~by year~~ per visit and (2) number of visits estimated for each year for on-going maintenance and support services. This is an **optional** task for which the Vendor is *not* required to submit pricing. If the Vendor proposes against this task, ~~This task~~ includes periodic service of the sondes and any other aspect of the system that requires Vendor support, and annual winterization of the water quality profiler system, if required

and if this must be performed by the awarded Vendor. Thornton is requesting five years of firm-fixed pricing per visit, through October 2031. This amount would be payable at the completion of start of each service visit renewal year. The per visit fee includes all costs to perform the service visit, including transportation costs, fuel surcharges, etc. Each service visit is intended to last for no more than one (1) day. Regardless of the number of service visits that the Vendor estimates for each year, Thornton may require additional (or fewer) service visits, which are each to be charged at the per visit rate proposed by the Vendor in effect at the time of the service visit.

- g. Paragraph (5) of Section E.12, *Evaluation Criteria*, is revised as shown below in tracked changes:
- 5) Vendor pricing (as submitted in Appendix No. 5). If submitted, Thornton will evaluate pricing for on-going maintenance and support services in isolation from the pricing for the water quality profiler system and on-going software license costs, as on-going maintenance and support services is not a required task and may not be proposed by all Vendors.
- h. **Appendix No. 3**, Proposal Questions, is revised and attached to this Addendum.
- i. **Appendix No. 5**, Pricing Form, is revised and attached to this Addendum.
2. The following questions and answers are provided for additional clarification to the RFP. All answers from Thornton in response to Vendor submitted questions have been provided below. *There are no outstanding Vendor questions.*
- Question No. 1: Attempting to calculate a power budget to determine if 2 or 4 solar panels are required, especially since interested in profiling into winter months. How many times a day would you like to profile the collum (e.g. 4 x a day)?
- Answer No. 1: Twice per day (i.e., two round trips, top to bottom).
- Question No. 2: System is designed to handle 1.5-foot increments (~0.5-meter). 1-foot increments may be possible on calm non-windy days, but we would recommend using 0.5-meter increments for improved performance across various surface conditions. Is this acceptable?
- Answer No. 2: Yes.

Question No. 3: Will you accept bids without field services?

Answer No. 3: Field services for the installation of the water quality profiler system (including operator training and associated tasks) are *required*. We have made field services for on-going maintenance and support services *optional*.

Question No. 4: Can two different companies submit bids, one providing the instrumentation and a local contractor supplying the field services?

Answer No. 4: Splitting the work in this way is acceptable, but one company will need to function as the prime contractor, with the other functioning as a subcontractor to that prime contractor. In this arrangement, only one company would submit a single bid (the company that intends to function as the prime contractor). Thornton intends to contract with only one firm for this work (or two firms, if two different firms happen to be selected for the two different reservoirs). See the "Subcontractors" tab of **Appendix No. 3** for the information on proposed subcontractor(s) that the proposed prime contractor would need to include in its bid.

Question No. 5: Is the City able to provide a small boat to assist with the deployment/ongoing maintenance?

Answer No. 5: Yes; the City has two boats that could be used.

Question No. 6: Is the city about to provide storage space for warehousing the systems in the winter?

Answer No. 6: Yes.

Question No. 7: Delivery lead time is looking to be 10 weeks. Should vendors still bid if unable to meet the original October 23 installation date?

Answer No. 7: Yes; this delivery requirement has been revised.

Question No. 8: Would you like the vendor to supply the static IP SIM card and data plan? If so, should we put the ongoing costs for the sim card in the "Ongoing Software License" or Maintenance section on the pricing form.

Answer No. 8: No – they City would purchase its own SIM card under the City's existing cellular data contract.

Question No. 9: Will the city have a laptop and operator to help manage ongoing operation of the system, or will the vendor be the sole operator of the system?

Answer No. 9: Thornton intends to use its own laptop and operate the system itself.

Question No. 10: Should we include the option to automatically adjust profile scheme using a depth sounder to compensate for changes in water level, or would you prefer to manually set operational depths based on minimum water levels?

Answer No. 10: We would generally be interested in the automatic adjustment option.

Question No. 11: Will the city assist with disposal/removal of shipping crates/pallets and packing material?

Answer No. 11: Yes.

Question No. 12: Will a forklift be available to assist with the delivery of the system?

Answer No. 12: Yes, we are able to provide a forklift.

Question No. 13: There are some configurable components (e.g. sondes measuring nutrients, collecting metrological data) where we have partial compliance with costing. The price book has a single price for the entire system. Should we break out some of these accessory components in a separate form to see how they affect the system cost, or just provide a lump sum price for everything we can possibly supply (e.g. including metrological sensors, nitrate sensors, etc.)?

Answer No. 13: Please provide a lump sum for line 1 of the Pricing Form, **Appendix No. 5**. If the Vendor wants to propose multiple configurations of a solution, multiple proposals may be submitted by a single firm. Each proposal should include the full proposal requirements as listed in section E.5.

Question No. 14: Can we place breakout costs in the Appendix 3 proposal questions, or does all the pricing need to reside in the Excel pricing book Appendix 5?

Answer No. 14: All pricing information should reside in **Appendix No. 5** (the Pricing Form) but see the response to question 13.

Question No. 15: Is the city open to a collaborative approach to ongoing maintenance (e.g., vendor provides quarterly visits for retrieval troubleshooting, training) and the city providing calibration and operational support between those visits?

Answer No. 15: We have revised the RFP to describe the tasks that Thornton intends to perform in regard to on-going maintenance. We are requesting the Vendor optionally propose tasks of complexity beyond the type that Thornton anticipates it can perform on its own, or tasks that the Vendor is required to perform in order to maintain any applicable warranties.

Question No. 16: We cannot commit to a full 5 years of fixed service costs. Can we propose a per visit field service rate (e.g. \$3k per service visit) rather than a blanket rate?

Answer No. 16: We have revised the RFP to request per-visit rates.

Question No. 17: Common service intervals are 1 month but can be more or less frequent based on conditions or technical issues that arise. How many field service trips should be budgeted into the annual maintenance costs?

Answer No. 17: We are requesting the Vendor propose the frequency of service intervals based on the tasks it proposes to perform, but Thornton anticipates that one annual service per year may be sufficient.

Question No. 18: The City is asking for optional capabilities to measure Nutrients (Total Phosphorus and Total Nitrogen), Orthophosphate, and TSS (Total Suspended Solids). We would like to understand more about this option. The Nutrient parameters can only be measured using EPA or Standard Methods; would you accept ion-selective sensors that can connect to our sondes that can measure Nitrates and Ammonium? If these parameters are not part of the profiling application, can we provide an option for a buoy that can monitor Nitrates and Ammonium?

Answer No. 18: Ion selective methods are acceptable. We would want it to be part of the assembly and not a separate unit.

Question No. 19: Furthermore, we can provide a quote for an online analyzer that measures orthophosphate. Is it ok to provide a quote for only the equipment, and if the City is interested, can we scope this as a separate project?

Answer No. 19: We would want it to be part of the assembly and not a separate unit. At this time we don't intend to pursue additional projects related to the profiler following its delivery and installation.

Question No. 20: We provide an optical sensor that measures Total Suspended Solids; where do you want to measure TSS? Do you have access to a laboratory that can do a TSS measurement using a gravimetric method? Do you have access to AC power at the reservoir shore? Do you have a location identified for the TSS measurement?

Answer No. 20: There is no AC power accessible. We have a lab that can perform gravimetric TSS method. TSS measurement would be part of the profiling assembly.

3. All other terms and conditions shall remain unchanged except as provided by this Addendum. Proposing firms must acknowledge receipt of this Addendum in their Proposal.

END OF ADDENDUM NO. TWO

Andrew Miskell, CPPB
Purchasing Manager

Date