



REQUEST FOR COUNCIL ACTION

Title: Mahler WRF construction support services proposal

Preferred Agenda: August 23, 2022

Submitted By: Trish Rice, Engineering Tech 2

Reviewed By: Christy Wurster, City Manager Pro Tem
Greg Springman, Public Works Director

Type of Action: Resolution ____ Motion ____ Roll Call X Other ____

Relevant Code/Policy: N/A

Towards Council Goal: 1.1 Develop specific steps for implementation of the adopted infrastructure master plans.

Attachments: Proposal to provide Engineering Services during Construction for the Sweet Home Mahler Water Reclamation Facility Phase 1 Improvements Project

Purpose of this RCA:

Staff is requesting Council authorization to accept West Yost Associates' proposal to provide construction support services during the Mahler Water Reclamation Facility Phase 1 Improvements Project.

Background/Context:

The City contracted with West Yost Associates for Engineer of Record services in September 2020 based on a qualifications-based selection process. Projects are assigned to West Yost via task orders, which are reviewed and approved individually.

On April 26, 2022 Council approved Task Order 9 Amendment 2 for Phase 1 final design and Phase 2 60% design. At that time staff reported anticipated future expenses quoted by West Yost of approx. \$700k to provide Phase 2 final design and bid support services; and a task order for construction support services likely to be around \$3M.

West Yost has now provided their proposal for construction support services for Phase 1 for \$879,670. A separate proposal will be provided for Phase 2. These services include review of material submittals, requests for information, and change orders; unforeseen design changes during construction; coordination with City staff, the contractor, and the City's Integrator of Record; and review of special inspections & testing reports. By contracting these services with West Yost, the City will ensure that technical issues that arise during construction will be responded to by the design engineers as appropriate, providing for the maximum level of compliance with the design intent. To illustrate the high volume of technical correspondence

that Sweet Home can expect to process, below is a brief summary of representative projects submitted by the interested contractors as part of their statements of pre-qualification.

Project	Original Contract Price	# of Requests for Information/Clarification	# of Submittals	# of Change Orders
Lake Oswego WTP	\$66.1M	379	654	39
City of Washougal WWTP	\$12.2M	66	205	12
Lebanon WTP	\$26.4M	267	333	44
Medford Duff Flocculation/Sedimentation	\$17.3M	56	105	not provided
Snoqualmie WRF	\$5.5M	21	61	21
Vancouver Water Station 1	\$10.4M	not provided	not provided	85
Port Townsend WTP & Reservoir	\$12.0M	not provided	not provided	13

Without construction support services, the City would have to deliver the plans to the contractor and proceed through construction with no further communication with the design engineers.

The scope of work includes coordination with the City's in-house Resident Project Representative who will conduct daily construction observation, prepare records of daily logs, and provide other onsite coordination duties.

The Challenge/Problem:

Providing engineering services to address technical issues that arise during project construction.

Stakeholders:

- City Residents. Residents are the customers who deserve good service with the highest return on their taxes and fees that we can provide, and who trust the City to maintain their infrastructure systems at a high level of service.
- Council Members. Council members are the voice of the citizens we serve. Each member of this group is interested in providing the best service possible at the lowest possible cost. They must balance leadership with representation.
- Public Works Department Staff. This project will greatly improve the operability of the WWTP which is currently undersized and beyond its serviceable lifespan. Staff spends significant time fixing broken down equipment and fighting with system inefficiencies.
- Management Team. Comprised of five department heads, each with a responsibility to the citizens and Mayor to run their day-to-day operations as efficiently as possible.
- Oregon DEQ. The WWTP upgrade project is required to comply with DEQ regulations.

Issues and Financial Impacts:

The proposal for construction support services for Phase 1 is \$879,670. A separate proposal will be provided for Phase 2. The anticipated total cost of construction support services is approx. \$3M.

Elements of a Stable Solution:

Retain the design engineers to address technical issues that arise during project construction to ensure the maximum level of compliance with the design intent.

Options:

1. Move to authorize staff to execute the Proposal to provide Engineering Services during Construction for the Sweet Home Mahler Water Reclamation Facility Phase 1 Improvements Project. This will retain the design engineers to address technical issues that arise during project construction to ensure the maximum level of compliance with the design intent.
2. Do nothing. Not recommended. Another avenue would be required to address technical issues that arise during construction.
3. Request more information or give staff other direction.

Recommendation:

Staff recommends Option 1, Move to authorize staff to execute the Proposal to provide Engineering Services during Construction for the Sweet Home Mahler Water Reclamation Facility Phase 1 Improvements Project.