



July 5, 2014
Project No. 12-0045

Monterey Peninsula Water Management District
5 Harris Court, Building G
Monterey, California 93940

Attention: Maureen Hamilton, Project Manager

Subject: Proposal for Construction Support and Engineering Services – Santa Margarita ASR Site Expansion Project

Dear Ms. Hamilton:

In accordance with your request, Pueblo Water Resources, Inc. (PWR) is pleased to submit this proposal in association with the ongoing Monterey Peninsula ASR Project. Presented in this proposal is a detailed scope of work, estimated costs, and schedule to provide engineering and construction management services for the expansion of the Santa Margarita ASR Facility at 1910 General Jim Moore Blvd. in Seaside, CA.

PURPOSE AND SCOPE

The purpose of the proposed work is to provide construction support and construction management services related to the Santa Margarita ASR Facility expansion project. The tasks presented in this proposal are intended to supplement the existing design engineering and hydrogeologic services which are currently being performed by Pueblo, and include the following.

- Preconstruction assistance and Stakeholder coordination
- Construction observation and Management Support
- Internal Project Management
- Project closure and Record Drawing documentation

Scope of Services

Task 1 – Project Contract Award and Preconstruction Assistance

This task includes assisting District staff with the project-related items associated with bid award and preconstruction activities. These activities cover the time period between contract award and the commencement of construction work. Specific work items in this task include the following:

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- Review and confirmation of contractor schedule
- Attend a Preconstruction Meeting
- Develop suitable exhibits for a presentation to the Seaside City Council for the architectural and site improvements
- Attend a meeting at Seaside City Council to present the project work as an informational agenda item.

For this task we assume that a contract award will be made by the MPWMD Board in a timely manner, and no contract award disputes will arise.

Task 2 – Construction Observation and Construction Management Support

This task includes assisting the District with the oversight and management of construction activities by the contractor, and act as liaison between the contractor and the District. Services under this task are envisioned to include the following:

- Compliance monitoring for UXO requirements, Mitigation Monitoring Plan requirements, Grading and Excavating on the Former Fort Ord permit conditions, and Encroachment Permit conditions.
- Review and coordinate approval of Contractor schedules.
- Coordinate review and responses for submittals and RFIs.
- Documentation of field quantities.
- Review of progress payment requests.
- Review and evaluation of Change Order requests.
- Maintain photographic and video records of construction progress.
- Coordinate Geotechnical inspection and testing.
- Coordinate special inspections and testing for concrete, masonry, rebar, and anchor placement.
- Coordinate inspection, isolation, flushing, and testing of water lines with Cal-Am.
- Develop final project Punch List and Final Project Inspection records.
- Review redline drawings.

As project construction progresses, the magnitude of on-site services may expand due to unforeseen subsurface conditions, archeological, environmental, ordnance discoveries, or other issues; our proposed on-site observations schedule assumes approximately 16 hours/week of field time for 10 weeks. Adjustments to field schedule and scope of observation services may be warranted as the project progresses.

Task 3 – Project Management (Internal)

This task consists of overall project management, including the preparation of routine project correspondence, invoices, and monthly budget status updates. Effective project communication is critical for the success of the project. In consultation with the District, a project e-mail distribution list will be established through which routine project status reports will

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be provided. Pueblo will maintain a log of action items and correspondence to ensure routine procedural items do not become critical path project delays.

Task 4 – Project Closure and Record Drawing Documentation

Upon completion of contractor punch list items and final project acceptance inspection, Pueblo will coordinate and document final project conditions and records for District reference files. Activities performed under this task will include the following:

- Provide a final topographic record of survey for the full parcel to serve as a record of contract work and as a reference for future phases of site development.
- Prepare final Record Drawings documenting the as-built conditions of project construction. The drawings will be stamped by the project Engineer of Record.
- Provide a Letter of Substantial Completion for the project documenting the satisfactory completion of the work, and any project anomalies or issues to be addressed in subsequent phases of construction.

Materials will be finalized in electronic format (pdf) wherever possible, and two hardcopies of the project binder will be provided.

Services Not Included

Services which are (or may be) necessary for the completion of this project, which are not included in our proposal include the following:

- Water-quality sampling and analyses for water discharges or potable water system compliance (assumed District and/or CAW provided);
- Construction of any site facilities;
- Permit fees;
- Cost of water, electricity, or other utilities;
- Any others items not specifically included in PWR's scope of services.

Estimated Fees and Schedule

Based on the scope of services presented herein, we estimate the fees for our services will be \$87,304; which will be billed on a time-plus-expenses basis in accordance with our current Fee Schedule (attached). An estimated fee summary worksheet is also attached summarizing the estimated man-hours and costs per task/work item.

We understand that in order to authorize this work, your Board must first approve a formal contract amendment. Based on our current workload, we believe that we can commence work within one week of your authorization; based on our estimates of project schedule, we believe the work will be completed by the end of calendar year 2018.

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We appreciate the opportunity to provide assistance to the District on this important water supply project. If you require additional information regarding this or other matters, please call us.

Sincerely,

PUEBLO WATER RESOURCES, INC.

A handwritten signature in black ink, appearing to read "Stephen P. Tanner". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Stephen P. Tanner, P.E.

Principal Engineer

RCM:SPT

Attachments: 2018 Fee Schedule
Fee Estimation Spreadsheet



**PUEBLO WATER RESOURCES, INC
2018 FEE SCHEDULE**

Professional Services

Principal Professional.....	\$205/hr
Senior Professional.....	\$190/hr
Project Professional.....	\$175/hr
Staff Professional.....	\$145/hr
Technician.....	\$135/hr
Illustrator.....	\$120/hr
Word Processing.....	\$100/hr

Other Direct Charges

Subcontracted Services.....	Cost Plus 15%
Outside Reproduction.....	Cost Plus 15%
Travel Expenses.....	Cost Plus 15%
Per Diem*	\$150/day
Vehicle	\$75/day

Equipment Charges

Drilling Fluid Test Kit.....	\$100/day, \$400/week
Field Water Quality Meter (Hach DR890).....	\$75/day, \$275/week
Orion ORP/pH/Temp Probe.....	\$75/day, \$275/week
Water Level Probes (In-Situ Mini-Troll/Level Troll).....	\$100/day, \$300/week
Fuji Ultrasonic Flowmeter.....	\$200/day, \$750/week

*Regionally and seasonally specific to project.