

Sauers Engineering, Inc.

Civil & Environmental Engineers

June 7, 2024

Mr. Kari Graton, Interim General Manager
Spalding Community Services District
502-907 Mahogany Way
Susanville, CA 96130

**RE: PROPOSAL FOR ENGINEERING SERVICES
Sewer Lift Station Evaluation**

Dear Mr. Graton:

Sauers Engineering, Inc. is pleased to provide this proposal to provide engineering services for the evaluation of issues with two existing sewer lift stations operated by Spalding Community Services District near Eagle Lake, CA. It is our understanding that the stations appear to have issues with settling of fill material over the top of the wet well and the surrounding areas. The settling is evidenced by differences in height of the existing concrete slabs. Additionally, the District is having issues with the pitless adapters on the discharge of the effluent pumps. Pitless adapters appear to be corroding and failing. An evaluation of the current conditions has been requested. Our anticipated Scope of Services is as defined below.

Scope of Work

Task 1- Site Visit

In an effort to verify conditions at the site, a representative of Sauers Engineering, Inc. will visit the site and provide a visual inspection of existing conditions. As part of the site visit, we will verify conditions at Lift Station #1 where the primary issues of concern exist as well as the other lift station locations where similar problems may also need to be addressed. We will interview staff who have been involved with operations, maintenance and repair work to verify available information and assumptions.

In addition to our site visit, the District plans to hire a contractor to pump out the existing wet well, pressure wash the upper walls and ceiling and to provide a visual inspection of the interior wet well surfaces. The purpose of these efforts will be to verify that failure of the concrete wet well is not contributing to a problem.

Task 2- Letter Report w/ Recommendations for Improvements

Task 2 will be to provide a brief letter report with an analysis of findings and our recommendations for how to best correct the issues of concern. We do not anticipate providing Plans and Specifications for the work, but will provide verbal recommendations for how to correct the issues. Such recommendations may include the removal of the generator and removal of soil on top of the existing wet well with placement using engineered fill or slurry as backfill. Additionally, we will provide a recommendation for the repair of the pump discharge connection that has been problematic.

If the inspection of the wet well interior is found to be degrading, we will provide recommendations for repair or replacement.

We will provide a ball park estimate for the repairs for purposes of evaluating funding requirements.

Task 3- Miscellaneous Followup

It is understood that the District will pursue funding in order to make the required repairs at these facilities. It is understood that periodic ongoing consultation may be required as part of the funding process. Following completion of our initial evaluation, we propose to provide additional services on a Time and Expense basis.

Exclusions

We do not anticipate providing detailed Plans and Specifications for the work as part of the current Scope. Once the District has a better understanding of the potential funding sources, we can provide Plans and Specifications for the repairs at the District's request and as required by the funding program. If following our site visit, it is deemed that geotechnical services would be appropriate, such services would also be outside of the originally anticipated scope.

Schedule

We will be available to make the site visit within the next 30 days following authorization to move forward with the project. Following the site visit, we expect to provide the letter report within another two weeks provided the inspection of the interior of the wet well has been completed.

Fees

We propose to provide the services described in Tasks 1 and 2 for a fixed fee of \$6500. Services described under Task 3 would be billed on a Time and Expense basis in accordance with the attached Fee Schedule.

We look forward to working with you on this project. If you have questions regarding our anticipated Scope, Schedule or Fees, please let us know.

Sincerely,



Dean Marsh, P.E.
Sauers Engineering, Inc.

Sauers Engineering, Inc.

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Fee Schedule January 1, 2024

I. The following are hourly rates for professional services. Overtime and weekend hours are billed at time-and-a-half. Evening meetings are not considered overtime unless the total daily hours exceed eight.

Senior Engineer (Registered)	\$ 180.00 /hour
Associate Engineer (Registered)	\$ 165.00 /hour
Assistant Engineer (E.I.T.)	\$ 145.00 /hour
Technician, Construction Inspector	\$ 120.00 /hour
Prevailing Wage Construction Inspector	\$ 135.00 /hour
Clerical	\$ 60.00 /hour
Expert Witness/Litigation Consulting	\$ 350.00 /hour

II. Consultant will remain the judge of the level of qualification required to complete a given task. In addition to the above, all expenses (telephone, postage, materials, blueprints, xerox copies, etc.) will be billed directly, at a rate of cost plus 15%. Consultant reserves the right to utilize sub-consultants when necessary.

III. Clients are requested to contract directly with the vendors of significant outside services, such as soils engineering, aerial photography, title work, and so on. In the event that client wishes to retain the above services utilizing consultant as a billing agent, a service charge of 15% per billing will also be assessed.

IV. Mileage will be billed at a rate of \$0.65 per mile.