



Salvador A. Pleitez, P.E.
Senior Project Manager
City of Fernley Engineering Dept.
595 Silver Lace Blvd.
Fernley, NV 89408

August 5, 2021

Re: **Sage Tank Recoating Project
Engineering Services Proposal**

Dear Mr. Pleitez,

Thank you for the opportunity to submit this proposal for engineering services for the recoating of the Sage Tank. Our scope of work will include all engineering, bidding support and construction support for recoating the 2.5 MG Sage Tank (40 foot high by 105 foot diameter), more specifically described as follows:

Task 1.0 Coating and Repair Specification Review and Recommendation

Shaw will review recent tank inspection reports and will provide a recommended coating system, which will include removal of the existing coating and installation of a new NSF certified coating. Planned structural steel repairs will also be estimated based on recent inspection and planned repair methods of bidding will be developed. It is planned the tank will be required to be heated during coating and the technical specifications for temperature control and monitoring will be coordinated with the City and the coating manufacturer. Shaw will review the final specifications with the City for approval prior to completing the project manual.

Task 2.0 Project Manual and Specifications

Shaw will compile a project manual for completion of the recoating of the tank. The project manual will include all required bidding forms and applicable technical specifications for the work. A PDF set of the bid documents for review and approval by the City prior to bid.

Task 3.0 BSDW Coordination

Shaw will complete a water project application for submittal to the Bureau of Safe Drinking Water (BSDW) for the tank maintenance work. Shaw will compile all required documentation for BSDW submittal, will address any comments and will coordinate with their office for resubmittal if required.

Task 4.0 Bidding Services

Shaw will publicly bid the project, including newspaper advertisement and also post the project documents on our bidding website for ease of access for bidders and for maintaining a bidders list. Shaw will handle information requests during bidding and attend the bid opening at City Hall. After bid opening, we will review the bids and provide a bid summary with a recommendation of award.

Task 5.0 Construction Support

Shaw will attend a pre-construction meeting at the request of the City, provide periodic inspections as requested by the City, and assist with review and recommendations regarding issues that may arise during construction (defects discovered after sandblasting, contractor installation issues, etc.). Shaw will also review submittals and assist the City with review of Contractor holiday testing and other contractor submitted documentation. Contractor pay requests will be reviewed and coordinated and prevailing wage reports will be processed per State requirements. Upon completion, support will be provided for bringing the tank back online and reviewing bacteriological and VOC water quality results as required; including coordinating with BSDW for approval to place the tank back into service.

The estimated fees for completing the scope of work outlined above is as follows:

Task 1.0	\$3,500
Task 2.0	\$3,500
Task 3.0	\$3,000
Task 4.0	\$5,500
Task 5.0	\$7,800
Total	\$23,300

Shaw's services will be invoiced monthly on a time and materials basis in accordance with our current fee schedule (copy attached). Actual costs may be adjusted between tasks, however, will not exceed \$23,300 without prior written authorization. Costs for advertisement and BSDW permitting are included with this proposal.

If you have any questions, please call.

Sincerely,

SHAW ENGINEERING



Cody Black, P.E.
Principal Engineer



2021 FEE SCHEDULE

PROFESSIONAL

Principal	\$160.00/hr
Project Manager	\$150.00/hr
Senior Engineer	\$140.00/hr
Professional Engineer II	\$130.00/hr
Professional Engineer I	\$115.00/hr
Staff Engineer II	\$100.00/hr
Staff Engineer I	\$ 90.00/hr
Expert Testimony	
Consultations	\$155.00/hr
Reports/Preparations	\$350.00/hr
Trial/Depositions	\$400.00/hr (4 hr.Min.)

TECHNICAL

Engineering Technician	\$ 90.00/hr
Planning Technician	\$ 80.00/hr
Drafting/Technician II	\$ 80.00/hr
Drafting/Technician I	\$ 70.00/hr
Construction Inspector II	\$ 95.00/hr
Construction Inspector I	\$ 85.00/hr

ADMINISTRATIVE

Office Administrator	\$ 70.00/hr
Administrative Assistant II	\$ 60.00/hr
Administrative Assistant I	\$ 50.00/hr

OTHER

Subconsultants	Cost + 15%
Mileage	\$0.70/mile
Per Diem	\$125.00/day
Expenses	At Cost

The cost for office equipment, office supplies, hardware and software utilized during a Project is included in the fee schedule. Per Diem applies to Construction Inspectors that are required to spend one night or more on the Project.