

PROVOST&PRITCHARD CONSULTING GROUP

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December 19, 2024

Eric Weck
Mission Springs Water District
66575 2nd Street
Desert Hot Springs, CA 92240

**Subject: Well Benchmark Survey for
Mission Springs Water District, Desert Hot Springs, California**

Dear Eric Weck:

Thank you for the opportunity to submit this letter proposal to provide surveying services for the Subject project. This proposal discusses our understanding of the project, recommends a scope of services together with associated fees, deliverables and approximate schedules, sets forth our assumptions, and discusses other services that may be of interest as the project proceeds.

PROJECT UNDERSTANDING

We understand that Mission Springs Water District (District) wishes to perform a temporary benchmark (TBM) survey of eight (8) of its well heads in order to establish precise elevations that can be referenced in future monitoring and analysis. Per the RFP, the corresponding identification numbers of said wells include: 22, 25, 26, 29, 30, 31, 33 and 35. Based on our review of the provided location exhibit, all except Wells 25 and 26 are located north of Interstate 10 and east of Highway 62. Conversely, Wells 25 and 26 are located on either side of I-10 and about 5 miles west of Highway 62.

The elevations (NAVD 88 datum) and any coordinates (State Plane) for each well head TBM mark will be tied into a designated benchmark system. The results of the field survey will be assembled in a final written report to include any calculations, tables, figures, and photo documentation of all used benchmarks or established TBMs as part of the project.

SCOPE OF SERVICES

Our proposed scope of work for this proposal is segregated into three (3) phases, described below.

Phase 1 - DATA: (PRE-SURVEY DATA COLLECTION)

Description of work under this phase:

- Project Management, coordination, correspondence and any meetings.
- Review well locations, site maps, NAVD 88 benchmark details, and research other relevant data and maps to ensure a clear understanding of project parameters and locations.
- Coordinate with District staff to facilitate access to all sites.
- Ensure proper calibration of all survey equipment and be familiarized with the site conditions.
- Deliverable: Tabular summary of locations of wells and control benchmark data sheets.

PHASE 2 - SUR: (FIELD SURVEY)

Description of work under this phase:

- Recover select NAVD 88 benchmarks with published elevations by the National Geodetic Survey (NGS) and / or County sources.
- Survey and establish a precise network Grid to be used for the Project.
- Establish temporary benchmarks (TBMs) at each of the eight (8) well heads and tie them to established project Grid.
- Perform an extended (Static) occupation of a select control point to allow the Online Positioning User Service (OPUS) tool refine all GPS coordinates to the National Spatial Reference System (NSRS).

PHASE 3 - RPT: (FINAL REPORT)

Description of work under this phase:

- Evaluate and assemble the field survey results into a draft report for review by District staff.
- Report to include executive summary; introduction; description of scope; discussions of existing well heads, temporary benchmarks set at each site, source of survey benchmarks used; and survey findings. Report will include all calculations, tables, figures, and photos created and used during the preceding phases.
- After review by District, incorporate any comments and finalize the report.
- Deliverables to include a draft and a final report.

PROFESSIONAL FEES

Provost & Pritchard Consulting Group will perform the services in these Phases on a time and materials basis, in accordance with our Standard Fee Schedule in effect at the time services are rendered. These fees will be invoiced monthly as they are accrued. Reimbursable expenses will be invoiced in addition to professional fees and are included in the estimated ranges above. If it appears we will need to exceed the upper range above, we will notify you in writing before we do so and will provide a revised estimate.

PROPOSED FEE	
PHASE	ESTIMATED FEE
Phase 1 - DATA	\$1,800
Phase 2 - SUR	\$11,960
Phase 3 - RPT	\$5,860
Total Estimated Fee:	\$19,620

The line items shown above are estimates and are not intended to limit billings for any given Task. Required task effort may vary up or down from the line item estimates shown, however total billings will not exceed the Total shown without additional authorization. If the scope changes materially from that described above, as a result of any agency's decision or because of design changes requested by the District, we will prepare a revised estimate of our fees for your approval before we proceed.

SCHEDULE

Once we receive an executed copy of this Proposal (we already have a signed contract with the District for on-call services), and are authorized to proceed, we can perform the surveying services and prepare the draft report for initial submittal in approximately 4 to 6 weeks. District review time is beyond our control. We will be prepared to submit the final report 2 weeks after we receive District comments.

ASSUMPTIONS

- District Staff will provide unabated access to each of the well sites.
- Stampings on the reference TBM washers to include "TBM" and the "Well #", to be set and surveyed at the time performing services. Reference elevations will be provided in tabular form in the report.
- The concrete to accept the TBMs is of sufficient thickness and integrity as to provide a durable set.

ADDITIONAL SERVICES

The following services are not included in this proposal, however, these and others can be provided at additional cost, upon request.

- Any effort(s) not explicitly described in the RFP or Scope of Services herein.

TERMS AND CONDITIONS

In order to convey a clear understanding of our mutual responsibilities under this proposal, please sign below and mail or email a copy to our office. This will serve as our Notice to Proceed. This proposal is valid for 30 days from the date above.

Respectfully,
Provost & Pritchard Consulting Group



Erik T. Howard, PLS 7648 / RCE 53318
Principal Engineer



Joseph Hopkins, RCE 74955
Director of Operations

TERMS AND CONDITIONS ACCEPTED

By Mission Springs Water District

Signature

Printed Name

Title

Date

2024 STANDARD FEE SCHEDULE

This schedule supersedes previously published fee schedules as of the effective date of January 1, 2024.

Multi-year contracts are subject to any subsequent changes in these rates.

STAFF TYPE	FEE RANGE
ENGINEERING	
Assistant Engineer	\$115.00 – \$143.00
Associate Engineer	\$136.00 – \$166.00
Senior Engineer	\$174.00 – \$210.00
Principal Engineer	\$220.00 – \$280.00
Associate Structural Engineer	\$136.00 – \$166.00
Senior Structural Engineer	\$174.00 – \$210.00
Principal Structural Engineer	\$220.00 – \$260.00
SPECIALISTS	
Assistant Specialist	\$95.00 – \$115.00
Associate Specialist	\$120.00 – \$150.00
Senior Specialist	\$157.00 – \$195.00
Principal Specialist	\$205.00 – \$265.00
Assistant Biologist	\$96.00 – \$111.00
Associate Biologist	\$116.00 – \$143.00
Senior Biologist	\$150.00 – \$172.00
Principal Biologist	\$180.00 – \$220.00
Assistant Geologist/Hydrogeologist	\$105.00 – \$130.00
Associate Geologist/Hydrogeologist	\$137.00 – \$165.00
Senior Geologist/Hydrogeologist	\$170.00 – \$200.00
Principal Geologist/Hydrogeologist	\$210.00 – \$250.00
Principal Tunneling Consultant	\$245.00 – \$275.00
PLANNING	
Assistant Planner	\$97.00 – \$117.00
Associate Planner	\$124.00 – \$145.00
Senior Planner	\$152.00 – \$180.00
Principal Planner	\$188.00 – \$218.00
TECHNICAL	
Assistant Technician	\$85.00 – \$102.00
Associate Technician	\$108.00 – \$132.00
Senior Technician	\$138.00 – \$166.00

STAFF TYPE	FEE RANGE
CONSTRUCTION SERVICES	
Associate Construction Manager	\$134.00 – \$154.00
Senior Construction Manager	\$161.00 – \$185.00
Principal Construction Manager	\$195.00 – \$225.00
Construction Inspector ⁽¹⁾	\$165.00 – \$190.00
Construction Inspector ⁽²⁾	\$200.00 – \$231.00
SUPPORT	
Administrative Assistant	\$75.00 – \$95.00
Project Administrator	\$88.00 – \$114.00
Senior Project Administrator	\$122.00 – \$210.00
Intern	\$70.00 – \$85.00
SURVEYING SERVICES	
Assistant Surveyor	\$110.00 – \$140.00
Licensed Surveyor	\$160.00 – \$200.00
1-Man Survey Crew	\$195.00/\$235.00 ⁽¹⁾
2-Man Survey Crew	\$305.00/\$335.00 ⁽¹⁾
(Field work not including survey equipment billed at individual standard rate plus vehicle as appropriate.)	
(1) Prevailing wage rates shown for San Joaquin, Stanislaus, Merced, Madera, Fresno, Tulare, Kings, and Kern counties; other counties as quoted.	
(2) Overtime for Construction Services prevailing wage will be calculated at 125% of the standard prevailing wage rate.	
Additional Fees	
Expert Witness / GIS Training: As quoted.	
Travel Time (for greater than one (1) hour from employee's base office): \$90/hour (unless the individual's rate is less)	
Project Costs	
Mileage: IRS value + 15%	
Outside Consultants: Cost + 15%	
Direct Costs: Cost + 15%	