

**Mission Springs Water District
Contract Task Order No.: 1**

Contractor: TKE Engineering, Inc.	Date of Request: March 18, 2025
Contract Project Title or Prime Contract: On-Call Professional General Engineering Services	
Task Order Title (if different than original): Benchmark Surveys	Contract/PO Number: N/A
DIR Project #: N/A	Period of Performance: March 18, 2025 - April 30, 2025
Task Order Amount: \$12,940.00	Original Contract Price: \$170,000.00
Contract Amendment Price Increase: \$14,234.00 (includes \$1,294.00 contingency)	Remaining Original Contract Balance: \$91,851.50
Total Not-to-Exceed Contract Amount: \$184,234.00	BID #/Job #:
Summary of work to be performed for task order: Please see attached proposal, which revises the Scope of Work to include Benchmark Surveys.	
Comments: Contract Agreement was approved by the Board of Directors on July 15, 2024. This increases the Contract Agreement amount by \$12,940.00, including a 10% contingency of \$1,294.00. The total increase of \$14,234.00 raises the Contract Agreement from a not-to-exceed amount of \$170,000.00 to a not-to-exceed amount of \$184,234.00.	
Requested By: Eric Weck	Accepted By: Eric Weck
MSWD Contract Manager: Eric Weck	Phone Number: (760) 902-2344
AUTHORIZED SIGNATURES	
Mission Springs Water District	TKE Engineering, Inc.
Print Name: Brian E. Macy, PE	Print Name:
Signature:	Signature:
Title: General Manager	Title:
Date:	Date:

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T K E E N G I N E E R I N G , I N C .

December 19, 2024

Ms. Amanda Lucas, Contracts Analyst
Mission Springs Water District
 66575 Second Street
 Desert Hot Springs, CA 92240

Subject: Proposal to Provide Professional Surveying Services for the Well Benchmarks

Dear Ms. Lucas,

TKE is in receipt of the District's subject proposal request. TKE understands that the groundwater resources in the Mission Creek and San Gorgonio Pass Subbasins require on-going management. We understand that as part of those management efforts, a ground surface elevation must be established for each well site, tied to the NAVD 88 datum, for consistency in groundwater elevation monitoring and reporting across all wells (i.e., Well Nos. 30, 35, 22, 29, 31, 33, 25 and 26). TKE proposed the complete the full scope of work requested by the District, including pre-survey preparations, fieldwork, data processing, and reporting, as outlined in the following table:

	SERVICES	FEE
1.	<p><u>PRE-SURVEY DATA COLLECTION</u></p> <p>TKE will request and collect all relevant data to complete a datum survey for the project; including but not limited to: reviewing well locations, site maps, and County NAVD 88 benchmark detail. TKE will remain in close coordination with MSWD to schedule field surveys and obtain site access for each well. TKE's survey equipment is routinely calibrated to ensure accurate results.</p> <p>TKE has budgeted for a quantity of 12 hours for a Senior Surveyor and Associate Engineer for this task.</p>	<p>\$ 1,740.00</p>
2.	<p><u>FIELD SURVEY</u></p> <p>During the field survey phase, TKE will establish a temporary benchmark (TBM) at each well site. For the TBM, TKE proposed to install a 2" magnetic nail and washer stamped with the professional land surveyors license number in the concrete well pedestal or housekeeping pad. TKE will</p>	<p>\$ 8,320.00</p>

	<p>complete a survey and leveling run from a County NAVD 88 benchmark to the TBM at each well.</p> <p>TKE has budgeted for a quantity of 32 hours for a 2-man crew for the field survey work.</p>	
3.	<p>REPORT</p> <p>TKE will prepare a well benchmark survey report, summarizing the work completed, including but not limited to: an executive summary summarizing the findings, an introduction describing the scope of work, a listing of the County benchmarks utilized, and our findings for each well site with a description of the site, where the TBM was set, photo of the TBM, identification of the County benchmark the TBM is tied to, and the TBM elevation. TKE will also include a summary table for easy of reference in the future. TKE will include an appendix with all calculation tables, figures, and photo documentation of all county benchmarks and site temporary benchmarks, as requested by the District.</p> <p>TKE has budgeted for a quantity of 20 hours for a Senior Surveyor and Associate Engineer for this task.</p>	\$ 2,880.00
	Total:	\$ 12,940.00

The above listed costs are on a time and materials not to exceed basis. TKE will not invoice over these amounts without prior authorization from the District. TKE's scope was developed based on our understanding of the project provided by the District. TKE will invoice monthly in accordance with our FY2024-2025 On-Call Rate Schedule, attached herein.

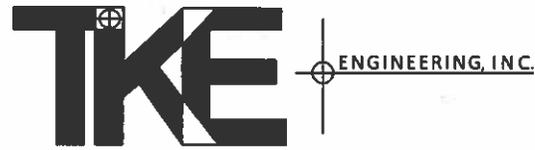
Thank you for the opportunity to submit our proposal to provide professional surveying services. If you have any questions, please contact me at (951) 680-0440.

Sincerely,



Steven Ledbetter, P.E., Q.S.D.
Vice President
TKE Engineering, Inc.

Attachments: Rate Schedule



RATE SCHEDULE 2024-2025

	<u>HOURLY RATE</u>
Principal in Charge.. .. .	\$155.00
Project Manager/Construction Manager/Licensed Surveyor	\$150.00
Senior Engineer/Project Engineer (PE)/Senior Plan Checker.....	\$145.00
Associate Engineer	\$135.00
Assistant Engineer/Plan Checker/Designer	\$130.00
AutoCAD Technician.....	\$120.00
Engineering Technician.....	\$100.00
Clerical	\$ 85.00
Forensic Engineering	\$195.00
Expert Witness Testimony	\$330.00

SURVEYING SERVICES

2-Man Survey Crew (Prevailing Wage).... .. .	\$260.00
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CONSTRUCTION SERVICES

Senior Construction Inspector (Prevailing Wage)	\$135.00
Construction Inspector (Prevailing Wage)	\$125.00

REIMBURSABLE COSTS

In-house Reproduction	Cost
Printing and Materials	Cost + 10%
Express Mail/Courier/Next Day Service ..	Cost + 10%
Special Subconsultant Services ...	Cost + 10%

