



September 27, 2019 (Revised October 4, 2019)
 Kleinfelder Proposal No. 20200288.001A

Mr. Greg Kowalski, PE
Eastern Municipal Water District
 2270 Trumble Road
 PO Box 8300
 Perris, CA 92570

**Subject: Contract Amendment for Geotechnical Observation and Testing and Services
 Phase 3 – Solar System & Electrical Modifications
 Moreno Valley RWRf, Perris Valley RWRf, Sun City RWRf, and
 San Jacinto Valley RWRf, Riverside County, California**

Reference: Kleinfelder (2019), Proposal for Geotechnical Testing and Observation Services, Phase 3 – Solar System & Electrical Modifications, Moreno Valley RWRf, Perris Valley RWRf, Sun City RWRf, and San Jacinto Valley RWRf, Riverside County, California, Proposal No. MW170333, Dated March 22, 2019

Dear Mr. Kowalski:

Kleinfelder is providing geotechnical observation and testing services for the subject project. In preparation of our currently authorized (referenced) proposal dated March 22, 2019, we assumed the following days of service would be requested.

- Moreno Valley RWRf – 25 days for grading
- Perris Valley RWRf – 30 days for grading
- Sun City RWRf – 20 days for grading
- San Jacinto Valley RWRf – 10 days for grading
- San Jacinto Valley RWRf (RES-BCT)– 20 days for grading

The approved budget for the scope of services described above, and included in our referenced proposal, is presented below.

Project Site	Fee Estimate
Moreno Valley RWRf	\$36,955.00
Perris Valley RWRf	\$44,632.60
Sun City RWRf*	\$30,641.40
San Jacinto Valley RWRf	\$18,487.00
San Jacinto Valley RWRf (RES-BCT)	\$31,915.00
Total Estimated Fee:	\$162,631.00

* Budget for Sun City project will be removed and is shown in table below.

Based on communication with Mr. Greg Kowalski with EMWD on October 4, 2019, the following additional services will be needed:

Site	Estimate of Additional Service
Moreno Valley RWRf	60 days
Perris Valley RWRf	20 days
San Jacinto Valley RWRf	10 days

Based on the additional services requested, we are providing the following summaries for the sites.

Moreno Valley RWRf Site

As of September 16, 2019, the Moreno Valley portion of the project had \$2,580.00 of the authorized budget of \$36,955.00 remaining. As detailed on the attached Additional Moreno Valley RWRf Services Authorization, we are requesting an additional \$73,261.60 to complete the currently scoped work at this site. This increase is shown in additional detail on the attached Revised Moreno Valley RWRf Services Authorization.

Perris Valley RWRf Site

Based on communications with Mr. Kowalski, the Perris Valley portion of the project will have an additional 20 days of service beyond the scope of 30 days assumed in our proposal. Based on the revised Estimate of Additional Services presented above, we are requesting an additional \$27,495.40 to complete the currently scoped work at this site. This increase is shown in additional detail on the attached Revised Perris Valley RWRf Services Authorization.

Sun City RWRf Site

At this time, The Sun City site is being removed from Kleinfelder’s scope for the project. Based on this, the overall authorization will be decreased by \$30,641.40.

San Jacinto Valley RWRf

We have been informed by Mr. Kowalski that the San Jacinto Valley (SJV) site will need an additional 10 days of onsite service. As of September 30, 2019, we have exceeded the SJV RWRf budget by \$4,654.47. The amount of \$4,654.47 includes \$2,500 that was re-appropriated to the field services budget to continue on-site services. Based on the revised Estimate of Additional Services presented above, we are requesting a task order budget increase of \$19,488.47 to complete the currently scoped work at this site. This increase is shown in additional detail on the attached Revised San Jacinto Valley RWRf Services Authorization.

San Jacinto Valley RWRf (RES-BCT) Site

We have been informed by Mr. Kowalski that the San Jacinto Valley RWRf (RES-BCT) site services are complete and we have previously provided our final compaction report. The budget for this site currently has \$4,471.66 of budget remaining and that amount is removed from the total project authorization presented below.

ADDITIONAL AUTHORIZATION FEES

Our services are to be compensated on a time-and-expense basis based on the schedule duration shown in our attached fee estimate. Based on the email from Mr. Dustin Wetter, our request for additional authorization will be **\$85,132.41**. The fees are presented below

Project Site	Fee Summary
Moreno Valley RWRf	\$73,261.60
Perris Valley RWRf	\$27,495.40
Sun City RWRf (Budget Decrease)	(\$30,641.40)
San Jacinto Valley RWRf	\$19,488.47
San Jacinto Valley RWRf (RES-BCT) (Budget Decrease)	(\$4,471.66)
Total Request for Additional Authorization:	\$85,132.41
Total Previously Authorized Fee:	\$162,631.00
Total Project Authorization:	\$247,763.41

AUTHORIZATION

We anticipate that you will issue a supplemental task order against our current On-Call Services Agreement with Eastern Municipal Water District referencing this document as our authorization to proceed. If there is a need for any change to our request, please call us immediately.

CLOSURE

We appreciate the opportunity to submit this Request for Additional Authorization and look forward to working with you on this project. If there is a need for any change in the scope of service or schedule described in this proposal, or if you have any questions or require additional information, please call our office at (951) 801-3681.

Sincerely,
KLEINFELDER, INC.

Jeffery D. Waller, PE, GE
 Senior Geotechnical Engineer

Eric W. Noel, PE, GE
 Principal Geotechnical Engineer

Attachments: Revised Moreno Valley RWRf Services Additional Authorization
 Revised Perris Valley RWRf Additional Authorization
 Revised San Jacinto Valley RWRf Additional Authorization

ATTACHMENTS

KLEINFELDER ESTIMATED FEES

Revised Moreno Valley RWRf Services Additional Authorization

Construction Inspection & Testing Services	# of units	unit type	@	Rate	Totals
Site Grading <i>(Additional 60 Additional Working Days @ 9 hours ea. Portal to Portal)</i>	540	hours	@	\$120.00	\$ 64,800.00
Mileage	1920	mile	@	\$0.58	\$ 1,113.60
Geotechnical Engineer <i>(Assume 2 visit @ 4 hours ea. Portal to Portal)</i>	12	hours	@	\$175.00	\$ 2,100.00
ESTIMATED COST					\$ 68,013.60

Laboratory	# of units	unit type	@	Rate	Totals
Maximum Density/Optimum Moisture Content (4" Test)	2	each	@	\$198.00	\$ 396.00
Maximum Density/Optimum Moisture Content (6" Test)	0	each	@	\$215.00	\$ 0.00
Sieve Analysis	2	each	@	\$138.00	\$ 276.00
ESTIMATED COST					\$ 672.00

MANAGEMENT / REPORTING / ADMINISTRATIVE	# of units	unit type	@	Rate	Totals
Project Manager/Geotechnical Engineer	32	hours	@	\$175.00	\$ 5,600.00
Administrative	12	hours	@	\$88.00	\$ 1,056.00
Final Compaction Report Additional Fees	1	each	@	\$500.00	\$ 500.00
ESTIMATED COST					\$ 7,156.00

Total Estimated Additional Amount of Services For Moreno Valley:	\$ 75,841.60
Budget Remaining as of September 16, 2019:	\$ 2,580.00
Total Request for Additional Authorization:	\$ 73,261.60
Previous Authorization For the Moreno Valley:	\$ 36,955.00
Total Authorization For Moreno Valley:	\$ 110,216.60

KLEINFELDER ESTIMATED FEES

**Revised Perris Valley RWRP Additional
Authorization**

Construction Inspection & Testing Services	# of units	unit type	@	Rate		Totals	
Site Grading	180	hours	@	\$120.00	\$	21,600.00	
<i>(Additional 20 Working Days @ 9 hours ea. Portal to Portal)</i>							
Mileage	880	mile	@	\$0.58	\$	510.40	
Geotechnical Engineer	8	hours	@	\$175.00	\$	1,400.00	
<i>(Assume 2 visits @ 4 hours ea. Portal to Portal)</i>							
					ESTIMATED COST	\$	23,510.40

Laboratory

Maximum Density/Optimum Moisture Content	4	each	@	\$198.00	\$	792.00	
Maximum Density/Optimum Moisture Content	1	each	@	\$215.00	\$	215.00	
					ESTIMATED COST	\$	1,007.00

MANAGEMENT / REPORTING / ADMINISTRATIVE	# of units	unit type	@	Rate		Totals	
Project Manager/Geotechnical Engineer	14	hours	@	\$175.00	\$	2,450.00	
Administrative	6	hours	@	\$88.00	\$	528.00	
					ESTIMATED COST	\$	2,978.00

Total Estimated Amount of Additional Authorization For the Perris Valley Project:					\$	27,495.40
Total Amount Previously Authorized:					\$	44,632.60
Total Authorization For Perris Valley:					\$	72,128.00

**Revised San Jacinto Valley RWRP
Additional Authorization**

Construction Inspection & Testing Services	# of units	unit type	@	Rate	Totals
Site Grading <i>(Additional 10 Working Days @ 9 hours ea. Portal to Portal)</i>	90	hours	@	\$120.00	\$ 10,800.00
Mileage	600	mile	@	\$0.58	\$ 348.00
Geotechnical Engineer <i>(Assume 2 visit @ 4 hours ea. Portal to Portal)</i>	8	hours	@	\$175.00	\$ 1,400.00
ESTIMATED COST					\$ 12,548.00

Laboratory

Maximum Density/Optimum Moisture Content	2	each	@	\$198.00	\$ 396.00
Maximum Density/Optimum Moisture Content	0	each	@	\$215.00	\$ 0.00
Sieve Analysis	1	each	@	\$138.00	\$ 138.00
ESTIMATED COST					\$ 534.00

MANAGEMENT / REPORTING / ADMINISTRATIVE	# of units	unit type	@	Rate	Totals
Project Manager/Geotechnical Engineer	8	hours	@	\$175.00	\$ 1,400.00
Administrative	4	hours	@	\$88.00	\$ 352.00
ESTIMATED COST					1,752.00

Total Amount of Additional Authorization For the SJC RWRP Project:	\$ 14,834.00
Amount Exceeding Authorized Budget as of September 30, 2019:	\$ 4,654.47
Total Amount of Additional Authorization:	\$ 19,488.47
Total Amount Previously Authorized:	\$ 30,641.40
Total Authorization For SJC RWRP Project:	\$ 50,129.87

assumes that prevailing wage laws do apply to the subject project

BASIS OF CHARGES

<u>HOURS WORKED</u>	<u>HOURS BILLED</u>
Show Up - No Work	2 hours
Less than 4 hours	4 hours
4 - 8	Actual hours worked
8-12 & Saturday	Time and One-Half
Greater than 12, Sundays & Holidays	Double Time