

20 March 2023

Angelica Martin
Water Resources Director, Tejon-Castac Water District (TCWD) and
Co-Chair, Castac Basin GSA

Subject: Task Order to Support the Castac Basin during Water Year 2023
Tejon-Castac Water District
Lebec, California
(EKI B80048.01)

Dear Ms. Martin:

Tejon-Castac Water District (TCWD) has requested that EKI Environment and Water, Inc. (EKI) develop a scope and budget to assist the Castac Lake Valley Basin Groundwater Sustainability Agency (Castac GSA) with implementation of the Castac Basin Groundwater Sustainability Plan (GSP) for the Castac Lake Valley Basin (Basin) during Water Year (WY) 2023 as part of TCWD's voluntary compliance with the Sustainable Groundwater Management Act (SGMA).

SCOPE OF WORK

Task 1 - Data Screening, Quality Control, and Upload to Department of Water Resources (DWR)

Currently, personnel from TCWD, Lebec County Water District (LCWD), and Krista Mutual Water Company (KMWC) collect data from multiple Basin wells in the SGMA Monitoring Network. These data include, but are not limited to, pumping volumes (flowmeter readings); water-level data uploads from data logging pressure transducers (transducers); semi-annual manual water level measurements; and annual water quality sampling data.

EKI will obtain and assemble the data from the agencies, and conduct a quality control (QC) review. If any data appear to be outliers or are otherwise unreliable, EKI will contact the appropriate person to obtain confirmation of field documents or additional measurements. If additional information is required, EKI field staff based in Bakersfield can inspect wells or instrumentation, as needed.

Under the schedule presented in the GSP, EKI will format the water level data to comply with SGMA regulations and the California Department of Water Resources (DWR) guidance, upload the data to DWR's website by July 1st and January 1st, and will obtain confirmation of the data's acceptance. EKI also will obtain and process agency-provided water use information, including pumping data.

Task 2 – Stakeholder Outreach and GSA Board Meetings

EKI will participate as technical staff at regularly scheduled semiannual Castac GSA Board meetings, including hosting remote online attendance for the public, as needed. For cost-efficiency, EKI has assumed attendance at the GSA Board Meetings will be remote, by videoconference or speakerphone. EKI also will participate in up to two videoconference Ad-Hoc Technical Committee meetings, as needed, to discuss

technical issues that may arise during the coming year. EKI also will assist the Castac GSA with website troubleshooting and maintenance as needed.

Task 3 - Assistance with Projects and Management Actions (P&MAs)

General P&MA Support. The GSP outlines P&MAs, several of which are currently underway in the Basin. Under Task 3, EKI will provide as-needed, as-directed P&MA support to address planning and potential technical or policy-related questions. EKI's support could include, but is not limited to, continued outreach to Public Water Systems to obtain pumping data per P&MA #6, use of the Castac Basin groundwater flow model to investigate options and develop scenarios related to P&MA #1 Aquifer Replenishment Project and P&MA #2 Cuddy Creek Bank Modifications Project, perform feasibility studies for specific P&MAs, investigate potential impacts of P&MA implementation, and assist with relevant permitting requirements. All work will be conducted on a time and materials basis in close coordination with the GSA and member districts.

Pressure transducer maintenance. P&MA #6 relates to well metering and data collection. EKI installed transducers in several wells including all Representative Monitoring Wells (RMWs), as part of the data collection and groundwater modeling effort for the GSP. The data from the transducers were used to assess compliance with Sustainable Management Criteria (SMCs) for the WY 2022 Annual Report; the information obtained will continue to be useful going forward. The transducers have been collecting water level data constantly for several years, and require periodic checking, clock synchronization, battery replacement, and possible adjustment of their datalogging schedules. Under Task 3, EKI will check and maintain the transducers, using field staff based out of Bakersfield, assuming one field instrument maintenance day per year.

Preliminary planning for new upgradient monitoring wells. The GSP identified a data gap in an area with very few monitoring wells, near the upgradient boundary of the Basin (which adjoins the Cuddy Canyon Valley Basin). In September 2021, EKI assisted the GSA in submitting a DWR Technical Support Services grant (TSS) well-specific application, which still is under review by DWR. As part of Task 3, EKI will continue to assist the GSA with preliminary planning and cost estimation for two new monitoring wells in this area, coordinate with DWR on the TSS grant well specific application, and address any technical questions that may arise.

Task 4 - Preparation of Water Year 2023 Annual Report

Annual Reports of Basin status are required under SGMA, and must be submitted to DWR by 1 April of each year. Under Task 4, EKI will prepare the Annual Report for WY 2023 (i.e., October 2022 through September 2023), using the data collected and processed under Task 1, present a preliminary draft to the GSA Ad Hoc Technical committee for review, and present a final draft to the GSA Board for approval and submittal to DWR in March 2024.

TERMS AND CONDITIONS

We propose work performed by EKI under this Task Order be conducted as an addendum, pursuant to the Terms and Conditions of our existing Agreement with TCWD.

COMPENSATION

Inasmuch as the exact level of effort required to complete the above Scope of Work cannot be known precisely, EKI proposes to perform the work on a time and materials expense reimbursement basis in accordance with our current (2023) Schedule of Charges. The estimated budget for this scope of work is shown by task, below. We will not exceed the total amount without authorization.

Proposed Budget

Task 1. Data Screening, Quality Control, and Upload to DWR	\$13,000
Task 2. Stakeholder Outreach and GSA Board Meetings	\$14,100
Task 3. Assistance with P&MAs.....	\$14,700
Task 4. Preparation of Water Year 2023 Annual Report.....	\$36,200
TOTAL.....	\$78,000

If this Task Order meets with your approval, please sign where noted below and return a fully executed copy to our office to confirm your authorization to proceed.

We are pleased to have the opportunity to work with you on this important project. Please call if you have any questions or wish to discuss this proposal in greater detail.

Very truly yours,

EKI ENVIRONMENT & WATER, INC.



Anona L. Dutton, P.G., C.Hg.
Vice President / Principal-In-Charge

AUTHORIZATION
Tejon-Castac Water District (CLIENT)

By _____

Title _____

Date _____

Attachments

EKI 2023 Schedule of Charges

Client/Address: Tejon Castac Water District
P.O. Box 1000 - 4436 Lebec Road
Tejon Ranch, CA 93243



Proposal/Agreement Date: 20 March 2023

EKI Proposal/Project # B80048.01

SCHEDULE OF CHARGES FOR EKI ENVIRONMENT & WATER, INC.

1 January 2023

<u>Personnel Classification</u>	<u>Hourly Rate</u>
Officer and Chief Engineer-Scientist	332
Principal Engineer-Scientist	320
Supervising I, Engineer-Scientist	309
Supervising II, Engineer-Scientist	298
Senior I, Engineer-Scientist	286
Senior II, Engineer-Scientist	275
Associate I, Engineer-Scientist	264
Associate II, Engineer-Scientist	248
Engineer-Scientist, Grade 1	231
Engineer-Scientist, Grade 2	218
Engineer-Scientist, Grade 3	200
Engineer-Scientist, Grade 4	178
Engineer-Scientist, Grade 5	157
Engineer-Scientist, Grade 6	138
Project Assistant	130
Technician	125
Senior GIS / Database Analyst	162
CADD Operator / GIS Analyst	144
Senior Administrative Assistant	159
Administrative Assistant	124
Secretary	104

Direct Expenses

Reimbursement for direct expenses, as listed below, incurred in connection with the work will be at cost plus fifteen percent (15%) for items such as:

- a. Maps, photographs, reproductions, printing, equipment rental, and special supplies related to the work.
- b. Consultants, soils engineers, surveyors, drillers, laboratories, and contractors.
- c. Rented vehicles, local public transportation and taxis, travel, and subsistence.
- d. Special fees, insurance, permits, and licenses applicable to the work.
- e. Outside computer processing, computation, and proprietary programs purchased for the work.

A Communication charge for e-mail access, web conferencing, cellphone calls, messaging and data access, file sharing, local and long distance telephone calls and conferences, facsimile transmittals, standard delivery U.S. postage, and incidental in-house copying will be charged at a rate of 4% of labor charges. Large volume copying of project documents, e.g., bound reports for distribution or project-specific reference files, will be charged as a project expense as described above.

Reimbursement for company-owned automobiles, except trucks and four-wheel drive vehicles, used in connection with the work will be at the rate of sixty cents (\$0.60) per mile. The rate for company-owned trucks and four-wheel drive vehicles will be seventy-five cents (\$0.75) per mile. There will be an additional charge of thirty dollars (\$30.00) per day for vehicles used for field work. Reimbursement for use of personal vehicles will be at the federally allowed rate plus fifteen percent (15%).

CADD and other specialized software computer time will be charged at twenty dollars (\$20.00) per hour. In-house material and equipment charges will be in accordance with the current rate schedule or special quotation. Excise taxes, if any, will be added as a direct expense.

Rate for professional staff for legal proceedings or as expert witnesses will be at a rate of one and one-half times the Hourly Rates specified above.

The foregoing Schedule of Charges is incorporated into the Agreement for the Services of EKI Environment & Water, Inc. and may be updated annually.