

**MONTEREY COUNTY WATER RESOURCES AGENCY
AGREEMENT FOR PROFESSIONAL SERVICES
WITH SURVEYORS, ARCHITECTS, ENGINEERS AND/OR DESIGN
PROFESSIONALS**

This is an agreement ("Agreement") between the Monterey County Water Resources Agency, hereinafter called "Agency," and Kennedy/Jenks Consultants, Inc. a Professional Corporation, hereinafter called "CONTRACTOR".

In consideration of the mutual covenants and conditions set forth in this Agreement, the parties agree as follows:

1. **Scope of Work.** Agency hereby engages CONTRACTOR and CONTRACTOR hereby agrees to perform the services set forth in Exhibit A, in conformity with the terms of this Agreement. CONTRACTOR will complete all work in accordance with the **Scope of Work/Work Schedule set forth in Exhibit A:**
 - a) The scope of work is briefly described and outlined as follows:

Conduct Phase 1 of the proposed plan to execute a condition assessment of the CSIP Distribution System with emphasis on optimization, improvements and thorough preventative maintenance planning.
 - b) The CONTRACTOR shall perform its services under this agreement in accordance with usual and customary care and with generally accepted practices in effect at the time the services are rendered. The CONTRACTOR and its agents and employees performing work hereunder are specially trained, experienced, competent, and appropriately licensed to perform the work and deliver the services required by this Agreement.
 - c) CONTRACTOR, its agents and employees shall perform all work in a safe and skillful manner and in compliance with all applicable laws and regulations. All work performed under this Agreement that is required by law to be performed or supervised by licensed personnel shall be performed in accordance with such licensing requirements.
 - d) CONTRACTOR shall furnish, at its own expense, all materials and equipment necessary to carry out the terms of this Agreement, except as otherwise provided herein. CONTRACTOR shall not use Agency premises, property (including equipment, instruments, or supplies) or personnel for any purpose other than in the performance of its obligations hereunder.
2. **Term of Agreement.** The term of this Agreement shall begin on 11/1/2024 by CONTRACTOR and Agency, and will terminate on 7/1/2026, unless earlier terminated as provided herein.

3. Payments to CONTRACTOR; maximum liability. Subject to the limitations set forth herein, Agency shall pay to CONTRACTOR in accordance with the fee schedule set forth in Exhibit B. The maximum amount payable to CONTRACTOR under this contract is Ninety-Nine Thousand Seven Hundred Dollars
(\$ 99,700.00).

4. Monthly Invoices by CONTRACTOR; Payment.

- a) CONTRACTOR shall submit to Agency an invoice, in a format approved by Agency, setting forth the amounts claimed by CONTRACTOR, together with an itemized basis for such amounts, and setting forth such other pertinent information Agency may require. CONTRACTOR shall submit such invoice monthly or as agreed by Agency, but in no event shall such invoice be submitted later than 30 days after completion of CONTRACTOR's work hereunder. Agency shall certify the claim if it complies with this contract and shall promptly submit such claim to the Monterey County Auditor-Controller, who shall pay the certified amount within 30 days after receiving the invoice certified by Agency. It is understood and agreed that CONTRACTOR shall complete all work described in Exhibit A for an amount not exceeding that set forth above, notwithstanding CONTRACTOR's submission of periodic invoices.
- b) CONTRACTOR shall submit to Agency an invoice via email to WRAAccountsPayable@countyofmonterey.gov and to the Contract Administrator listed in Section 27.
- c) If, as of the date of execution of this Agreement, CONTRACTOR has already received payment from Agency for work which is the subject of this Agreement, such amounts shall be deemed to have been paid under this Agreement and shall be counted toward Agency's maximum liability set forth above.
- d) CONTRACTOR shall not be reimbursed for travel expenses unless expressly approved in writing in accordance with this Agreement.

5. Indemnification.

- 5.1 For purposes of the following indemnification provisions ("Indemnification Agreement"), "design professional" has the same meaning as set forth in California Civil Code section 2782.8. If any term, provision or application of this Indemnification Agreement is found to be invalid, in violation of public policy or unenforceable to any

extent, such finding shall not invalidate any other term or provision of this Indemnification Agreement and such other terms and provisions shall continue in full force and effect. If there is any conflict between the terms, provisions or application of this Indemnification Agreement and the provisions of California Civil Code sections 2782 or 2782.8, the broadest indemnity protection for the COUNTY under this Indemnity Agreement that is permitted by law shall be provided by CONTRACTOR.

5.2 Indemnification for Design Professional Services Claims: CONTRACTOR shall indemnify, defend and hold harmless COUNTY, its governing board, directors, officers, employees, and agents against any claims that arise out of, or pertain to, or relate to the negligence, recklessness, or willful misconduct of the CONTRACTOR, its employees, subcontractors, and agents in the performance of design professional services under this Agreement, excepting only liability arising from the sole negligence, active negligence or willful misconduct of COUNTY, or defect in a design furnished by COUNTY, but in no event shall the amount of such CONTRACTOR's liability exceed such CONTRACTOR's proportionate percentage of fault as determined by a court, arbitrator or mediator, or as set out in a settlement agreement. In the event one or more defendants to any action involving such claim or claims against COUNTY is unable to pay its share of defense costs due to bankruptcy or dissolution of the business, such CONTRACTOR shall meet and confer with the other parties to such action regarding unpaid defense costs.

5.3 Indemnification for All Other Claims or Loss:
For any claim, loss, injury, damage, expense or liability other than claims arising out of the CONTRACTOR's performance of design professional services under this Agreement, CONTRACTOR shall indemnify, defend and hold harmless COUNTY, its governing board, directors, officers, employees, and agents against any claim for loss, injury, damage, expense or liability resulting from or alleging injury to or death of any person or loss of use of or damage to property, to the extent arising from or related to the performance of services under this Agreement by CONTRACTOR, its employees, subcontractors or agents, excepting only liability arising from the sole negligence, active negligence or willful misconduct of the COUNTY, or defect in a design furnished by the COUNTY.

6. Insurance.

6.1 Evidence of Coverage:
Prior to commencement of this Agreement, the CONTRACTOR shall provide a "Certificate of Insurance" certifying that coverage as required herein has been obtained. Individual endorsements executed by the insurance carrier shall accompany the certificate. In addition the CONTRACTOR upon request shall provide a certified copy of the policy or policies.

This verification of coverage shall be sent to the Agency's Contact, unless otherwise directed. The CONTRACTOR shall not receive a "Notice to Proceed" with the

work under this Agreement until it has obtained all insurance required and such, insurance has been approved by the Agency. This approval of insurance shall neither relieve nor decrease the liability of the CONTRACTOR.

6.2 Qualifying Insurers:

All coverage's, except surety, shall be issued by companies which hold a current policy holder's alphabetic and financial size category rating of not less than A-VII, according to the current Best's Key Rating Guide or a company of equal financial stability that is approved by the County's Purchasing Manager.

6.3 Insurance Coverage Requirements:

Without limiting CONTRACTOR's duty to indemnify, CONTRACTOR shall maintain in effect throughout the term of this Agreement a policy or policies of insurance with the following minimum limits of liability:

Commercial general liability insurance, including but not limited to premises and operations, including coverage for Bodily Injury and Property Damage, Personal Injury, Contractual Liability, Broad form Property Damage, Independent CONTRACTORS, Products and Completed Operations, with a combined single limit for Bodily Injury and Property Damage of not less than \$1,000,000 per occurrence.

☐ Exemption/Modification (Justification attached; subject to approval).

Business automobile liability insurance, covering all motor vehicles, including owned, leased, non-owned, and hired vehicles, used in providing services under this Agreement, with a combined single limit for Bodily Injury and Property Damage of not less than \$1,000,000 per occurrence.

☐ Exemption/Modification (Justification attached; subject to approval).

Workers' Compensation Insurance, if CONTRACTOR employs others in the performance of this Agreement, in accordance with California Labor Code section 3700 and with Employer's Liability limits not less than \$1,000,000 each person, \$1,000,000 each accident and \$1,000,000 each disease.

☐ Exemption/Modification (Justification attached; subject to approval).

Professional liability insurance, if required for the professional services being provided, (e.g., those persons authorized by a license to engage in a business or profession regulated by the California Business and Professions Code), in the amount of not less than \$1,000,000 per claim and \$2,000,000 in the aggregate, to cover liability for malpractice or errors or omissions made in the course of rendering professional services. If professional liability insurance is written on a "claims-made" basis rather than an occurrence basis, the CONTRACTOR shall, upon the expiration or earlier termination of this Agreement, obtain extended reporting coverage ("tail coverage") with the same liability limits. Any such tail coverage shall continue for at least three years following the expiration or earlier termination

of this Agreement.

☐ Exemption/Modification (Justification attached; subject to approval).

6.4 Other Insurance Requirements.

All insurance required by this Agreement shall be with a company acceptable to the Agency and issued and executed by an admitted insurer authorized to transact Insurance business in the State of California. Unless otherwise specified by this Agreement, all such insurance shall be written on an occurrence basis, or, if the policy is not written on an occurrence basis, such policy with the coverage required herein shall continue in effect for a period of three years following the date CONTRACTOR completes its performance of services under this Agreement.

Each liability policy shall provide that the Agency shall be given notice in writing at least thirty days in advance of any endorsed reduction in coverage or limit, cancellation, or intended non-renewal thereof. Each policy shall provide coverage for CONTRACTOR and additional insureds with respect to claims arising from each subcontractors, if any, performing work under this Agreement, or be accompanied by a certificate of insurance from each subcontractors showing each subcontractors has identical insurance coverage to the above requirements.

Commercial general liability and automobile liability policies shall provide an endorsement naming the Monterey County Water Resources Agency and the County of Monterey, their officers, agents, and employees as Additional Insureds with respect to liability arising out of the CONTRACTOR'S work, including ongoing and completed operations, and shall further provide that such insurance is primary insurance to any insurance or self-insurance maintained by the County and that the insurance of the Additional Insureds shall not be called upon to contribute to a loss covered by the CONTRACTOR'S insurance. The required endorsement form for Commercial General Liability Additional Insured is **ISO Form CG 20 10 11-85 or CG 20 10 10 01 in tandem with CG 20 37 10 01 (2000)**. The required endorsement form for Automobile Additional Insured endorsement is **ISO Form CA 20 48 02 99**.

Prior to the execution of this Agreement by the Agency, CONTRACTOR shall file certificates of insurance with the Agency's contract administrator, showing that the CONTRACTOR has in effect the insurance required by this Agreement. The CONTRACTOR shall file a new or amended certificate of insurance within five calendar days after any change is made in any insurance policy, which would alter the information on the certificate then on file. Acceptance or approval of insurance shall in no way modify or change the indemnification clause in this Agreement, which shall continue in full force and effect.

CONTRACTOR shall at all times during the term of this Agreement maintain in force the insurance coverage required under this Agreement and shall send, without demand by Agency, annual certificates to Agency's Contract Administrator. If

the certificate is not received by the expiration date, Agency shall notify CONTRACTOR and CONTRACTOR shall have five calendar days to send in the certificate, evidencing no lapse in coverage during the interim. Failure by CONTRACTOR to maintain such insurance is a default of this Agreement, which entitles Agency, at its sole discretion, to terminate this Agreement immediately.

7. Maintenance of Records. CONTRACTOR shall prepare, maintain and preserve all reports and records that may be required by federal, State, and local rules and regulations relating to services performed under this Agreement. CONTRACTOR shall retain all such records for at least five years from the date of final payment, or until any litigation relating to this Agreement is concluded, whichever is later.
8. Right to Audit at Any Time. Agency officials shall have the right, at any time during regular working hours and on reasonable advance notice, to examine, monitor and audit all work performed and all records, documents, conditions, activities and procedures of CONTRACTOR or its subcontractors relating to this Agreement. Government Code section 8546.7 provides that an audit by the State Auditor General may be performed up to three years after the final payment under any contract involving the expenditure of public funds in excess of \$10,000.
9. Confidentiality; Return of Records. CONTRACTOR and its officers, employees, agents, and subcontractors shall comply with all federal, State and local laws providing for the confidentiality of records and other information. To the extent permitted by applicable law and regulations, CONTRACTOR shall maintain confidentiality with respect to Agency's well database and other water use data.

CONTRACTOR shall not disclose any confidential information received from Agency or prepared in connection with the performance of this Agreement without the express permission of Agency. CONTRACTOR shall promptly transmit to Agency all requests for disclosure of any such confidential information. CONTRACTOR shall not use any confidential information gained through the performance of this Agreement except for the purpose of carrying out CONTRACTOR's obligations hereunder. When this Agreement expires or terminates, CONTRACTOR shall return to Agency all records, which CONTRACTOR utilized or received, from Agency to perform services under this Agreement.

10. Termination. Either party may terminate this Agreement by giving written notice of termination to the other party at least thirty (30) days prior to the effective date of termination, which date shall be specified in any such notice. In the event of such termination, the amount payable hereunder shall be reduced in proportion to the services provided prior to the effective date of termination. Agency may terminate this Agreement at any time for good cause effective immediately upon written notice to CONTRACTOR. "Good cause" includes, without limitation, the failure of CONTRACTOR to perform the required services at the time and in the manner provided herein. If Agency terminates this Agreement for good cause, Agency may be relieved of

the payment of any consideration to CONTRACTOR, and Agency may proceed with the work in any manner, which it deems proper. Costs incurred by Agency thereby shall be deducted from any sum due CONTRACTOR.

11. Amendments and Modifications. No modification or amendment of this agreement shall be valid unless it is set forth in writing and executed by the parties.
12. Non-Discrimination. Throughout the performance of this Agreement, CONTRACTOR will not unlawfully discriminate against any person because of race, color, religion, gender, national origin, ancestry, physical disability, medical condition, marital status, age older than 40, or sexual orientation, gender identity or any other status protected under federal, state or local law, either in CONTRACTOR's employment practices or in the furnishing of services to recipients. CONTRACTOR shall ensure that the evaluation and treatment of its employees and applicants for employment and all persons receiving and requesting services are free of such discrimination. CONTRACTOR shall comply fully with all federal, State and local laws and regulations which prohibit discrimination. The provision of services primarily or exclusively to any target population designated herein shall not be deemed prohibited discrimination.
13. Independent Contractor. In its performance under this Agreement, CONTRACTOR is at all times acting and performing as an independent CONTRACTOR and not an employee of Agency. No offer or obligation of employment with Agency is intended in any manner, and CONTRACTOR shall not become entitled by virtue of this Agreement to receive from Agency any form of benefits accorded to employees including without limitation leave time, health insurance, workers compensation coverage, disability benefits, and retirement contributions. CONTRACTOR shall be solely liable for and obligated to pay directly all applicable taxes, including without limitation federal and State income taxes and social security arising out of CONTRACTOR's performance of this Agreement. In connection therewith, CONTRACTOR shall defend, indemnify, and hold harmless Agency from any and all liability, which Agency may incur because of CONTRACTOR's failure to make such payments.
14. Delegation of Duties; Subcontracting. CONTRACTOR is engaged by Agency for its unique qualifications and abilities. CONTRACTOR may not, therefore, delegate any of its basic duties under this Agreement, except to the extent that delegation to CONTRACTOR's employees is contemplated herein. No work shall be subcontracted without the written consent of Agency, except as provided in this Agreement or its attachments. Notwithstanding any subcontract, CONTRACTOR shall continue to be liable to Agency for the performance of all work hereunder. CONTRACTOR shall not assign, sell, mortgage or otherwise transfer its interest or obligations in this Agreement without Agency's prior written consent.
15. Agency's Rights in Work Product. All original materials prepared by CONTRACTOR in connection with its work hereunder -- including but not limited to computer codes, customized computer routines developed using proprietary or commercial software packages, reports, documents, maps, graphs, charts, photographs and photographic

negatives -- shall be the property of Agency and shall be, upon request, delivered to Agency prior to final payment. CONTRACTOR may utilize any existing materials developed by CONTRACTOR prior to commencement of work under this Agreement, which materials shall remain the property of CONTRACTOR.

16. Independent Contractor Compliance with Government Code Section 1097.6(c). This section applies to those situations when a contractor/consultant is awarded a contract for a preliminary phase of a project, with future phases to bid separately. This section does not apply to those situations when a contract is awarded for multiple phases of a project under a single contract/proposal. When applicable, and as described below, CONTRACTOR's duties and services under this Agreement shall not include preparing or assisting the Agency with any portion of the Agency's preparation of a request for proposals, request for qualifications, or any other solicitation regarding a subsequent or additional contract with the Agency. The Agency shall at all times retain responsibility for public contracting, including with respect to any subsequent phase stemming from this Agreement. CONTRACTOR's participation in the planning, discussions, or drawing of project plans or specifications shall be limited to conceptual, preliminary, or initial plans or specifications. CONTRACTOR shall cooperate with the Agency to ensure that all bidders for a subsequent contract on any subsequent phase of this project, if applicable, have access to the same information, including all conceptual, preliminary, or initial plans or specifications prepared by CONTRACTOR pursuant to this Agreement.
17. Compliance with Terms of Federal or State Grant. If any part of this Agreement has been or will be funded pursuant to a grant from the federal or State government in which Agency is the grantee, CONTRACTOR shall comply with all provisions of such grant applicable to CONTRACTOR's work hereunder, and said provisions shall be deemed a part of this Agreement as though fully set forth herein.
18. Conflict of Interest. CONTRACTOR warrants that it presently has no interest and shall not acquire any interest during the term of this Agreement, which would directly or indirectly conflict in any manner or to any degree with its full and complete performance of all services under this Agreement.
19. Governing Laws. This Agreement is entered into in the County of Monterey, State of California, and shall be construed and enforced in accordance with the laws of the State of California. The parties hereby agree that the County of Monterey shall be the proper venue for any dispute arising hereunder.
20. Compliance with Applicable Law. The parties shall comply with all applicable federal, state, and local laws and regulations in performing this Agreement.
21. Construction of Agreement. The parties agree that each party has fully participated in the review and revision of this Agreement and that any rule of construction to the effect that ambiguities are to be resolved against the drafting party shall not apply in the interpretation of this Agreement or any exhibit or amendment. To that end, it is understood and agreed that this Agreement has been arrived at through negotiation, and that neither party is to be deemed the party which prepared this Agreement within the meaning of Civil Code section 1654. Section and paragraph headings appearing herein are for convenience only and shall not be used to interpret the terms of this Agreement.

22. Waiver. Any waiver of any term or condition hereof must be in writing. No such waiver shall be construed as a waiver of any other term or condition herein.
23. Successors and Assigns. This Agreement and all rights, privileges, duties and obligations hereunder, to the extent assignable or delegable, shall be binding upon and inure to the benefit of the parties and their respective successors, permitted assigns and heirs.
24. Contractor. The term “CONTRACTOR” as used in this Agreement includes CONTRACTOR’s officers, agents, and employees acting on Contractor’s behalf in the performance of this Agreement.
25. Interpretation of Conflicting Provisions. In the event of any conflict or inconsistency between the provisions of this Agreement and the provisions of any exhibit or other attachment to this Agreement, the provisions of this Agreement shall prevail and control.
26. Time is of the Essence. The parties mutually acknowledge and agree that time is of the essence with respect to every provision hereof in which time is an element. No extension of time for performance of any obligation or act shall be deemed an extension of time for performance of any other obligation or act, nor shall any such extension create a precedent for any further or future extension.
27. Contract Administrators.

CONTRACTOR's designated principal responsible for administering CONTRACTOR's work under this Agreement shall be:

Agency’s designated administrator of this Agreement shall be:
Pete Vannerus

28. Notices. Notices required under this Agreement shall be delivered personally or by electronic facsimile, or by first class or certified mail with postage prepaid. Notice shall be deemed effective upon personal delivery or facsimile transmission, or on the third day after deposit with the U.S. Postal Service. CONTRACTOR shall give Agency prompt notice of any change of address. Unless otherwise changed according to these notice provisions, notices shall be addressed as follows:

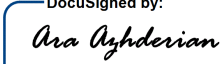
TO AGENCY	TO CONTRACTOR
Name: Pete Vannerus	Name: Gerald Fejarang, PE
Address: 1441 Schilling Pl., Salinas, CA 93901	Address: 2882 Prospect Park Drive, Suite 240 Rancho Cordova, CA 95670
Telephone: 831.755.4860	Telephone: 916-858-2713
Fax:	Fax:
E-Mail: VannerusP@countyofmonterey.gov	E-Mail: GeraldFejarang@KennedyJenks.com

29. Electronic Deliverables. Where feasible, all reports, documents and other printed information provided to the Agency pursuant to this Agreement shall be submitted in both written and Electronic formats.
30. Non-exclusive Agreement. This Agreement is non-exclusive and both parties reserve the right to contract with other entities for the same or similar services.
31. Execution of Agreement. Any individual executing this Agreement on behalf of an entity represents and warrants that he or she has the requisite authority to enter into this Agreement on behalf of such entity and to bind the entity to the terms and conditions hereof. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute one and the same agreement.
32. Exhibits. The following Exhibits are attached hereto and incorporated by reference:
- Exhibit A - Scope of Work/ Work Schedule
Exhibit B - Fee Schedule
33. Entire Agreement. As of the effective date of this Agreement, this document, including all exhibits hereto, constitutes the entire agreement between the parties, and supersedes any and all prior written or oral negotiations and representations between the parties concerning all matters relating to the subject of this Agreement.

MONTEREY COUNTY WATER RESOURCES AGENCY
AGREEMENT FOR PROFESSIONAL SERVICES
WITH SURVEYORS, ARCHITECTS, ENGINEERS AND/OR DESIGN
PROFESSIONALS

IN WITNESS WHEREOF, AGENCY and CONTRACTOR execute this agreement as follows:

MONTEREY COUNTY WATER
RESOURCES AGENCY:

BY: 
1F182FFB49A2435...
Ara Azhderian
General Manager

Date: 11/14/2024 | 9:40 AM PST

CONTRACTOR:

BY: 

Type Name: Gerald Fejarang, PE
Title: Vice President

Date: 10/29/2024

BY: 

Type Name: Brandon Hale, PE
Title: Vice President

Date: 10/29/2024

* INSTRUCTIONS: If CONTRACTOR is a corporation (including limited liability and nonprofit corporations), the full legal name of the corporation shall be set forth together with the signatures of two specified officers. If CONTRACTOR is a partnership, the name of the partnership shall be set forth together with the signature of a partner with authority to execute this Agreement on behalf of the partnership. If CONTRACTOR is contracting in an individual capacity, the individual shall set forth the name of his or her business, if any, and shall personally sign the Agreement.

(_____)
Agreement/Amendment No # (_____)

Approved as to form ¹:


Signed by:

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Chief Assistant County Counsel

Dated: 11/13/2024 | 11:51 AM PST

Approved as to fiscal provisions:

Signed by:

30922505678A4ED...

Administrative Analyst

Dated: 11/14/2024 | 8:16 AM PST

County Counsel – Risk Manager:

Dated: _____

DocuSigned by:

E79EF64E57454F6...

Auditor-Controller ²:

Dated: 11/13/2024 | 2:48 PM PST

¹ Approval by County Counsel is required, and/or when legal services are rendered
² Approval by Auditor-Controller is required

EXHIBIT A

SCOPE OF WORK/WORK SCHEDULE

Project ID:



11 October 2024

Pete Vannerus
Associate Water Resources Engineer
Monterey County Water Resources Agency
1441 Schilling Place – North Building
Salinas, CA 93901

Subject: Castroville Seawater Intrusion Project Condition Assessment Planning
KJ B033870*34002

Dear Pete Vannerus:

Kennedy/Jenks Consultants, Inc. (KJ) is pleased to submit our proposed scope of work, schedule, and budget for Castroville Seawater Intrusion Project (CSIP) Condition Assessment Planning based on our recent discussions.

This letter summarizes our proposed scope of work, schedule, and level of effort for the CSIP Condition Assessment Plan. If you have any questions regarding our proposal, please contact Rachelle Thompson at (650) 852-2808 or Gerald Fejarang at (916) 858-2713. Thank you for considering us for this important project.

Very sincerely yours,

Kennedy Jenks Consultants

A handwritten signature in black ink, appearing to read 'Gerald Fejarang', written over a light blue horizontal line.

Gerald Fejarang

Vice President

2350 Mission College Blvd., Suite 700 | Santa Clara, CA 95054

GeraldFejarang@kennedyjenks.com



Pete Vannerus
Monterey County Water Resources Agency
11 October 2024
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Project Overview

Monterey County Water Resources Agency (MCWRA) owns and operates the Castroville Seawater Intrusion Project (CSIP) recycled water distribution facilities. The CSIP water distribution system supplies tertiary treated recycled water to approximately 12,000 acres of farmland for irrigation purposes. The water distribution system shown on Figure 1 is comprised of approximately 46 miles of pipelines and 113 metered turnouts. The CSIP system relies on three sources of water: tertiary treated recycled water from the Salinas Valley Reclamation Project (SVRP), supplemental groundwater wells, and treated Salinas River water from the Salinas River Diversion Facility (SRDF).

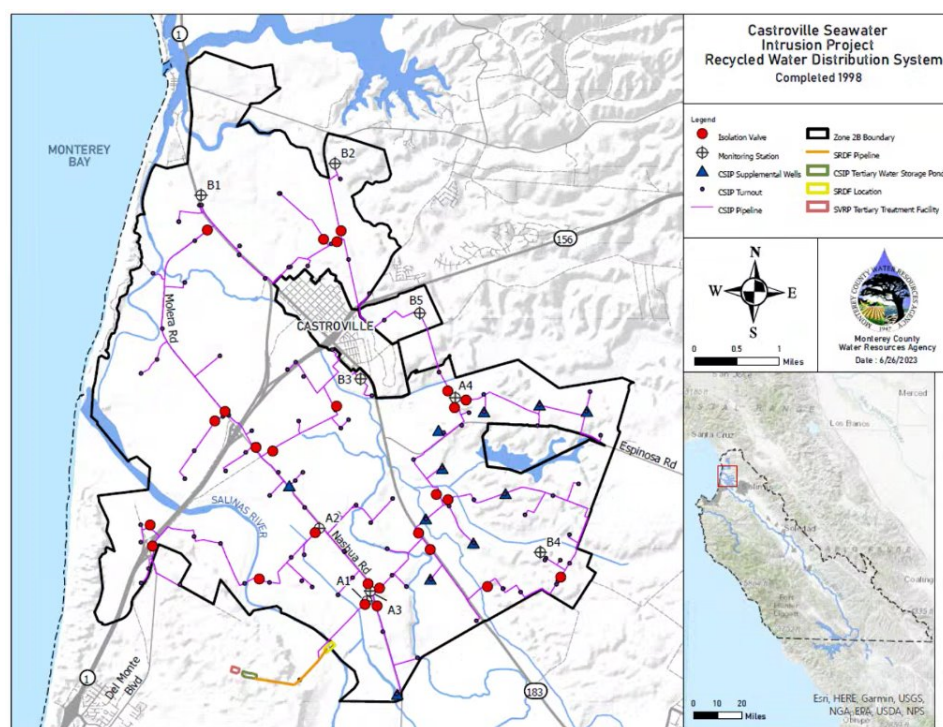


Figure 1. Castroville Seawater Intrusion Project Recycled Water Distribution System

The CSIP was completed in 1998, and the system infrastructure is aging, so MCWRA seeks to develop a strategy to optimize and renew the system. Conducting a comprehensive condition assessment of the entire system is currently cost-prohibitive, and so MCWRA seeks to conduct an initial vulnerability assessment to effectively plan future inspections and detailed risk analysis of critical infrastructure. Optimizing the operation of the CSIP and developing a renewal strategy to mitigate risk will enable MCWRA to reduce groundwater pumping from the local aquifer while still meeting customer demands. This proposal presents a scope of work for Phase 1 of the CSIP assessment, which includes data mining efforts, a business risk, and vulnerabilities assessment (BRVA), GIS integration, and development of an inspection plan. Phase 2 (not included in the presented scope of work) would include the condition assessments, remaining useful life and risk analyses, and development of mitigation plans. The flow of work from Phase 1 to Phase 2 is illustrated in Figure 2.

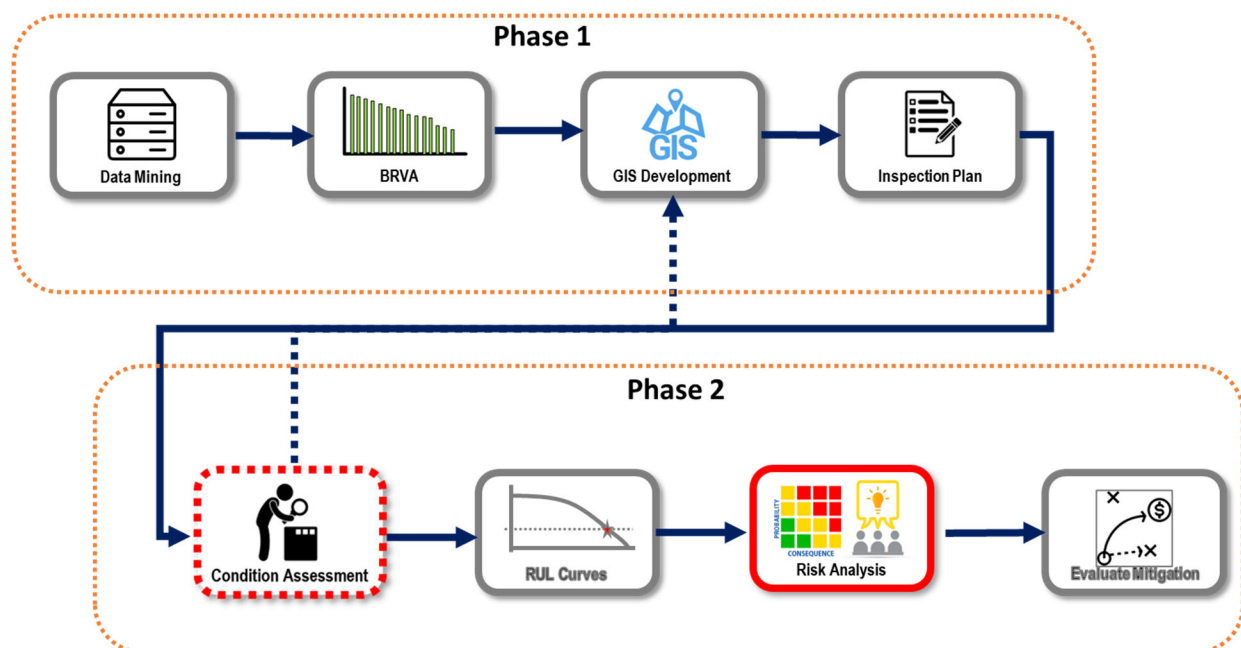


Figure 2. Phase 1 of Risk-Based Condition Assessment and Asset Management Process for CSIP

Scope of Work

Task 1 – Project Management, Meetings and QA/QC

1.1 Project Management

KJ's project manager will use KJ's internal tracking system to manage project files, track project budget, and prepare monthly invoices and status reports. This task includes project setup and closeout activities.

Deliverables:

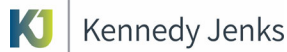
- Monthly invoices and status reports (electronic format – PDF)

1.2 Meetings

KJ will attend 10 progress and coordination meetings with MCWRA staff to discuss any issues related to the project and update staff with project progress. KJ will also attend one kickoff meeting with MCWRA at the start of the project to review project schedule and objectives. KJ will prepare meeting notes and distribute them to MCWRA.

Assumptions:

- Project schedule is five (5) months long



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 Monterey County Water Resources Agency
 11 October 2024
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- 10 progress meetings will be hosted via Microsoft Teams, will be 30 minutes in duration, and attended by up to two (2) KJ staff.
- Kickoff meeting will be hosted via Microsoft Teams, will be 1 hour in duration, and attended by up to two (2) KJ staff.

Deliverables:

- Meeting agendas and notes (electronic format – PDF)

1.3 Health and Safety Plan

KJ will prepare a Health and Safety Plan for work at MCWRA facilities as described in subsequent tasks.

1.4 Quality Assurance and Quality Control

This task includes implementation of quality assurance/quality control (QA/QC) procedures necessary to complete the tasks defined in this scope of work. KJ will also conduct an internal Concept and Criteria Review (C&CR) meeting toward the beginning of the project that involves a discussion of the project concepts by the project team members and senior members of our QA/QC staff.

Task 2 – Baseline Inventory and Data Collection

2.1 Data Collection and Review

KJ will collect information to understand the CSIP recycled water distribution facilities. This will include developing a data request list, prioritizing data needs, and tracking receipt of information. Data required includes, but is not limited to, as-built drawings (P&IDs, PFDs, civil layouts, mechanical layouts, and electrical one-line diagrams), CMMS exports (existing asset registry and maintenance history), system hydraulic profile, GIS files (geodatabase, shapefiles, or similar) of the recycled water distribution system, and other facility reports. KJ will develop a database repository as a method to collect, manage, and configure data so that we can migrate the information into MCWRA's existing GIS.

Assumptions:

- Data will be provided by MCWRA within two weeks of request.
- MCWRA will coordinate with Monterey One Water (M1W) if necessary to provide the requested data.
- KJ will be granted the appropriate access to GIS and other related business systems. This access is beneficial to prevent duplication of effort and manage data integrity and security.

Deliverables:



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- Request for Information (RFI) and reference information tracking table, electronic format

2.2 Asset Identification, Asset Registry, and ESRI GIS Integration

The objective for this subtask is to identify assets that make up the water reuse system that include, but are not limited to, linear, fixed, rotating, electrical, instrumentation, and structural classes. All identified assets will be listed in a master asset registry. The asset registry will comprise of base asset attribute data associated with the asset type. This information is typically included on equipment nameplates attached to the equipment, equipment cutsheets, equipment specifications, and/or vendor installation operations and maintenance manuals. KJ will migrate the built-out asset registry into MCWRA's GIS database, for eventual migration into their CMMS (Lucity/CentralSquare)

KJ will prepare a technical memorandum (TM) that summarizes MCWRA's available data, major data gaps, status of the existing GIS data, and recommendations for database improvement. The TM will include an asset registry that will be used as the basis for the vulnerability assessment (Task 3).

Assumptions:

- MCWRA will provide one set of consolidated comments on the draft TM and asset registry within two weeks of submittal.
- KJ will not be responsible for the migration of data from GIS to CMMS, nor the long-term management of the GIS database.

Deliverables:

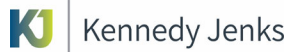
- Draft and Final Asset Identification TM

Task 3 – System Criticality and Vulnerability Assessment

3.1 Business Risk and Vulnerabilities Assessment (BRVA)

A Business Risk and Vulnerabilities Assessment (BRVA) will be conducted to quantify risk for each asset to prioritize future condition assessments. KJ will use the consequence of failure analysis methodology to conduct the BRVA. This will include two (2) 4-hour workshops with MCWRA's engineering, operations, and maintenance staff. Goals of the workshops include:

- Develop a risk matrix that aligns with MCWRA's mission statement and business goals and defines consequence of failure scoring criteria.
- Engage and interview the team by asking focused questions related to the consequence of failure and O&M business elements that support the function of each asset. Questions will address reasonable failure modes, failure effects, dominant failure mechanisms, system criticality, operational targets, operator response corrective actions, asset history, and ideas for improvements.



Pete Vannerus
 Monterey County Water Resources Agency
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The BRVA workshops will produce risk scores that represent the consequence of failure of each asset. The risk scores from the BRVA will be used to guide prioritization of assets for condition assessments.

Assumptions:

- Workshops will be conducted via Microsoft Teams over a total of eight (8) hours (two 4-hour sessions)
- Workshops will be attended by up to three (3) KJ staff.

3.2 BRVA Technical Memorandum

Findings from the workshop will be documented in a Microsoft Excel spreadsheet and summarized in a BRVA TM. The TM will describe the consequence of failure scoring criteria, summarize the high consequence of failure assets, and make recommendations for decreasing risk on an asset-by-asset basis, including a list of assets to be prioritized for inspection.

Assumptions:

- MCWRA will review the Draft BRVA TM and provide one consolidated set of comments within two weeks of submittal.

Deliverables:

- Draft and Final BRVA TM (electronic format – Word document or PDF).

Task 4 – Access Assessment and Inspection Planning

KJ will use the results of the BRVA to develop an inspection plan for assets, prioritized by risk criticality.

4.1 Field/Access Investigation

For high and moderately high critical assets (assets with high-risk scores), KJ will conduct an analysis to determine the inspection method and technology needed to determine the current condition of the asset. KJ will then conduct a field investigation to find and geolocate the assets included in the latest asset registry using the ESRI Survey123 application. While conducting field verification, KJ will also identify any access and maintainability constraints associated with the asset and determine available access points for the use of invasive or non-invasive inspection technologies. Findings from the field investigation will be exported from Survey123 and migrated into MCWRA's GIS database.

Assumptions:

- MCWRA will coordinate site access for up to three (3) KJ staff and accompany KJ staff during the field investigation.
- Field inspections will not require any entry into confined spaces or other hazardous areas.



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- Field activities will take place up to two (2) days to field verify the location of high and moderately critical assets.
- Field investigations conducted during Phase 1 are for access planning purposes, not inspections to evaluate the condition of assets

4.2 Inspection Plan

KJ will use the asset registry, field inspection findings, and the updated GIS database to confirm the inspection method and technology that will be most effective to determining the condition rating of the asset. For linear assets, KJ will research and contact potential inspection contractors to determine availability, technology constraints, and budgetary costs to inspect assets. For fixed assets, structural, and vertical assets, KJ will use our expertise to determine the resources and efforts needed to conduct a field inspection. We will use this information to determine ways to safely isolate and shutdown the system to conduct a field inspection and develop an Inspection Plan for the CSIP facilities. The inspection plan will include:

- Recommended modifications to improve access for vehicles, technicians, and inspection technology, and associated American Association of Cost Engineers Class 5 Opinion of Probable Costs estimates.
- Recommended sequencing and scheduling of field inspections.
- Tactical level isolation and shutdown procedures with the level of detail to develop more detailed shutdown, lockout tagout (LOTO) and lock tag verify (LTV) procedures by the selected contractor.
- High-level, risk-based preventative maintenance strategies based on asset class and asset types. KJ will not develop PM job plans, LOTOs, LTVs, recommended spare parts analysis, operator routine duties, standard operating procedures, operator response corrective actions, layer of protection analysis, job hazard analysis, nor emergency response plans.

Assumptions:

- MCWRA will review the draft CSIP Inspection Plan and provide one set of consolidated comments within two weeks of submittal.
- Technical information will be stored in ESRI GIS database tables.
- All asset and inspection related information will be managed through ESRI GIS

Deliverables:

- Draft and Final CSIP Inspection Plan (electronic format – Word document or PDF)



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Phase 2 (Future)

Phase 2 will include field inspections for condition assessment of high-priority assets, remaining useful life analysis for all assets, development of a detailed preventative maintenance plan, and development of a long-term renewal strategy for MCWRA facilities and assets (including strategic replacement, rehabilitation, and monitoring). Phase 2 activities are not included in the current scope of work.

Proposed Project Team

The following table shows the key KJ personnel that will execute the scope of work.

Name	Role
Gerald Fejarang, PE	Principal-in-Charge
Rachelle Thompson, PE	Project Manger
Karina Yap	Project Engineer
Josh Sales, RG	Data Management/GIS Advisor
Eric Synsteby, CRL	Technical Advisor
Matthew Mahoney, CRL	Lead Inspector

Estimated Schedule

A proposed schedule is provided below, to be updated at project kickoff:

Task	Approximate Duration	Estimated Completion Date
Task 1 – Project Management	5 months	March 30, 2025
Task 2 – Baseline Inventory and Data Collection	1 month	November 30, 2024
Task 3 – System Criticality and Vulnerability Assessment	2 months	January 31, 2025
Task 4 – Access Assessment and Inspection Plan	2 months	March 30, 2025

Compensation for Consulting Services

In accordance with the attached Schedule of Charges dated January 1, 2024, we propose a budget of \$99,916. A breakdown of our proposed project budget and line-item descriptions of the project deliverables is provided in Attachment A. KJ will manage work hours between tasks and employee classifications, and/or utilize other employee classifications listed in the attached rate sheet, provided that the project total fee is not exceeded without prior approval. A summary of the budgets by task is provided below:



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Task	Description	Budget
Task 1	Project Management	\$12,272
Task 2	Baseline Inventory and Data Collection	\$20,818
Task 3	System Criticality and Vulnerability Assessment	\$27,591
Task 4	Access Assessment and Inspection Plan	\$39,019
Total		\$99,700

Standard Conditions

To assure a clear understanding of all matters related to our mutual responsibilities, the attached Standard Conditions dated 3 January 2024 are made part of this agreement. We have found these terms to be appropriate for use in agreements for provision of consultant services. Accordingly, if any conflicts exist between the attached terms and the form of any purchase order or confirmation issued, the terms of this proposal and the attached Standard Conditions will prevail in the absence of our express written agreement. This proposal is based on current projections of staff availability and costs and, therefore, is valid for 90 days following the date of this letter.

EXHIBIT B
FEE SCHEDULE

Project ID:

Attachment A: Proposal Fee Estimate

CLIENT Name: Monterey County Water Resources Agency

PROJECT Description: Castroville SIP Condition Assessment Planning

Proposal/Job Number: B0033870*34002 Date: 10/3/2024

January 1, 2024 Rates	Eng-Sci-9 Gerald Fejarang	Eng-Sci-7 JoshSales	Eng-Sci-6 Eric Synstebj	Eng-Sci-6 Matthew Mahoney	Eng-Sci-6 Rachelle Thompson	Eng-Sci-5 Jennifer Joern	Eng-Sci-4 Karina Yap	Health and Safety John Jindra	Eng-Sci-2	Eng-Sci-1	Sr. CAD-Design	CAD-Design	Sr. CAD-Tech	CAD-Tech	Project Assistant	Admin. Assist.	Aide		KJ	KJ	KJ	Sub	Sub	KJ	KJ	KJ					
Classification:																			Total	Labor	Escalation	Assoc. Proj. Costs	Contr. #1	Contr. #2	Sub-Markup	ODCs	ODCs Markup	Total Labor	Total Subs	Total Expenses	Total Labor + Subs + Expenses
Hourly Rate:	\$335	\$300	\$275	\$275	\$275	\$250	\$230	\$230	\$190	\$155	\$195	\$180	\$165	\$145	\$145	\$130	\$105	Hours	Fees	0%	\$9.74	Fees	Fees	10%	Fees	10%					
Task 1 - Project Management, Meetings, and QA/QC																															
1.1 Project Management					8										8			16	\$3,360	\$0	\$156			\$0		\$0	\$3,516	\$0	\$0	\$3,516	
1.2 Meetings and Presentations					9		1								8			18	\$3,865	\$0	\$175			\$0		\$0	\$4,040	\$0	\$0	\$4,040	
1.3 Health and Safety Plan								3										3	\$690	\$0	\$29			\$0		\$0	\$719	\$0	\$0	\$719	
1.4 Quality Assurance and Quality Control	8	4																12	\$3,880	\$0	\$117			\$0		\$0	\$3,997	\$0	\$0	\$3,997	
Task 1 - Subtotal	8	4	0	0	17	0	1	3	0	0	0	0	0	0	16	0	0	49	\$11,795	\$0	\$477	\$0	\$0	\$0	\$0	\$0	\$12,272	\$0	\$0	\$12,272	
Task 2 - Baseline Inventory and Data Collection																															
2.1 Data Collection and Review			4			24	4		8									40	\$9,540	\$0	\$390			\$0		\$0	\$9,930	\$0	\$0	\$9,930	
2.2 Asset Identification, Asset Registry, and ESRI GIS Integration			4			24	8		8									44	\$10,460	\$0	\$429			\$0		\$0	\$10,889	\$0	\$0	\$10,889	
Task 2 - Subtotal	0	0	8	0	0	48	12	0	16	0	0	0	0	0	0	0	0	84	\$20,000	\$0	\$818	\$0	\$0	\$0	\$0	\$0	\$20,818	\$0	\$0	\$20,818	
Task 3 - System Criticality and Vulnerability Assessment																															
3.1 BRVA Workshop			8		8		16								4			36	\$8,660	\$0	\$351			\$0		\$0	\$9,011	\$0	\$0	\$9,011	
3.2 BRVA Technical Memorandum	8		8		8	4	16		32									76	\$17,840	\$0	\$740			\$0		\$0	\$18,580	\$0	\$0	\$18,580	
Task 3 - Subtotal	8	0	16	0	16	4	32	0	32	0	0	0	0	0	4	0	0	112	\$26,500	\$0	\$1,091	\$0	\$0	\$0	\$0	\$0	\$27,591	\$0	\$0	\$27,591	
Task 4 - Access Assessment and Inspection Planning																															
4.1 Field/Access Investigation			4	24		16	16		24									84	\$19,940	\$0	\$818			\$0	\$1,000	\$100	\$20,758	\$0	\$1,100	\$21,858	
4.2 Inspection Plan			8	8	4	8	14		24						8			74	\$16,440	\$0	\$721			\$0		\$0	\$17,161	\$0	\$0	\$17,161	
Task 4 - Subtotal	0	0	12	32	4	24	30	0	48	0	0	0	0	0	8	0	0	158	\$36,380	\$0	\$1,539	\$0	\$0	\$0	\$1,000	\$100	\$37,919	\$0	\$1,100	\$39,019	
All Tasks Total	16	4	36	32	37	76	75	3	96	0	0	0	0	0	28	0	0	403	\$94,675	\$0	\$3,925	\$0	\$0	\$0	\$1,000	\$100	\$98,600	\$0	\$1,100	\$99,700	



Client/Address: Monterey County Water Resources Agency
1441 Schilling Place – North Building
Salinas, CA 93901

Contract/Proposal Date: ContractProposalDate

Schedule of Charges

January 1, 2024

PERSONNEL COMPENSATION

Classification	Hourly Rate
Engineer-Scientist-Specialist 1	\$155
Engineer-Scientist-Specialist 2	\$190
Engineer-Scientist-Specialist 3	\$210
Engineer-Scientist-Specialist 4	\$230
Engineer-Scientist-Specialist 5	\$250
Engineer-Scientist-Specialist 6	\$275
Engineer-Scientist-Specialist 7	\$300
Engineer-Scientist-Specialist 8	\$320
Engineer-Scientist-Specialist 9	\$335
Senior CAD-Designer	\$195
CAD-Designer	\$180
Senior CAD-Technician	\$165
CAD-Technician	\$145
Project Assistant	\$145
Administrative Assistant	\$130
Aide.....	\$105

In addition to the above Hourly Rates, an Associated Project Cost charge of \$9.74 per hour will be added to Personnel Compensation for costs supporting projects including telecommunications, software, information technology, internal photocopying, shipping, and other support activity costs related to the support of projects.

Direct Expenses

- Reimbursement for direct expenses, as listed below, incurred in connection with the work, will be at cost plus ten percent for items such as:
- a. Maps, photographs, 3rd party reproductions, 3rd party printing, equipment rental, and special supplies related to the work.
 - b. Consultants, soils engineers, surveyors, contractors, and other outside services.
 - c. Rented vehicles, local public transportation and taxis, travel and subsistence.
 - d. Project specific telecommunications and delivery charges.
 - e. Special fees, insurance, permits, and licenses applicable to the work.
 - f. Outside computer processing, computation, and proprietary programs purchased for the work.

Reimbursement for vehicles used in connection with the work will be at the federally approved mileage rates or at a negotiated monthly rate.

If prevailing wage rates apply, the above billing rates will be adjusted as appropriate.

Overtime for non-exempt employees will be billed at one and a half times the Hourly Rates specified above.

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

Excise and gross receipts taxes, if any, will be added as a direct expense.

The foregoing Schedule of Charges is incorporated into the agreement for the services provided, effective January 1, 2024 through December 31, 2024. After December 31, 2024, invoices will reflect the Schedule of Charges currently in effect.