

ZONE 7 WATER AGENCY
100 NORTH CANYONS PARKWAY
LIVERMORE, CA 94551



REQUEST FOR PROPOSALS (RFP)
No. 2024-15

for

Zone 7 Water Agency Well Master Plan 2025-2045

QUESTIONS DUE: 3 PM on December 1, 2023
PROPOSAL DUE: 3 PM on December 15, 2023

Contact:

Colleen Winey, Associate Hydrogeologist, Zone 7 Water Agency
Telephone: 925-454-5063, Email: cwiney@zone7water.com



*Request for Proposals (#2024-15):
Zone 7 Water Agency Well Master Plan 2025-2045*

Zone 7 Water Agency (Zone 7) is seeking a qualified firm or firms to prepare an updated Well Master Plan for the Livermore Valley Groundwater Basin (DWR Basin No. 20-010).

Questions on the RFP are due by 3 p.m. on Friday, December 1, 2023

**Proposals must be submitted to Zone 7 via email to Colleen Winey
(cwiney@zone7water.com) by 3 p.m. on Friday, December 15, 2023**

Review the sample agreement and insurance requirements in Appendix A carefully. Any exceptions to these requirements must be provided in Appendix B - Exceptions or Deviations.

INTRODUCTION

Zone 7 is one of ten active zones of the Alameda County Flood Control and Water Conservation District and is a special district governed by its own independently elected board. Zone 7 provides drinking water to about 280,000 customers within a service area of approximately 425 square miles in eastern Alameda and Contra Costa Counties. Drinking water is supplied to four retailers: California Water Service Company, City of Livermore, City of Pleasanton, and Dublin San Ramon Services District.

Zone 7 is the Groundwater Sustainability Agency (GSA) for the Livermore Valley Groundwater Basin (Basin). In 2016, Zone 7 prepared an Alternative Groundwater Sustainability Plan (Alt GSP) for the Livermore Valley Basin and recently submitted a five-year update to the Alt GSP (2021) that is currently being reviewed by the Department of Water Resources (DWR). Zone 7 has also prepared Annual Reports for the basin since 2005. The Alt GSPs and most recent annual reports are available at <https://www.zone7water.com/reports-planning-documents>.

Zone 7 seeks to develop a plan with phased implementation of groundwater supplies in various areas of the Basin; this will help meet water demands to 2045 and beyond. The Plan needs to account for factors including future water demand, climate change, an updated Hydrogeologic Conceptual Model (HCM) being developed as part of a separate scope of services for numerical groundwater model development and use, and recent groundwater conditions including groundwater quality.

I. INSTRUCTIONS TO PROPOSERS

A. Examination of RFP Documents

By submitting a proposal, the proposer represents that it has thoroughly examined and become



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familiar with the work required under this RFP, and that it can perform timely and quality work to the level of Zone 7's expectations and achievement of its objectives. Furthermore, the proposer agrees with and ensures compliance, if selected, with the terms and conditions of the attached insurance requirements (Attachment A).

B. Submission of Proposals

Submit proposals via email to Colleen Winey (email: cwiney@zone7water.com) by Friday, December 15, 2023, at 3:00 pm PDT. A link to a file hosting service site where the proposal can be downloaded is also acceptable. You will receive an email informing you that your proposal was received; however, it is your responsibility to ensure that the submittal was received by Zone 7. Submittals received after this time/date will be rejected as unresponsive.

C. Addenda/Clarifications

Questions on the RFP are due by 3 p.m. on Friday, December 1, 2023. Questions or comments regarding this RFP can be submitted by to Colleen Winey via email at cwiney@zone7water.com or by phone at (925) 454-5063.

D. Proposal Documents Inclusion

At the sole discretion of Zone 7, the proposal documents may be deemed a part of the contract resulting from this RFP, if awarded.

E. Withdrawal of Proposal

A proposer may withdraw its proposal at any time before the expiration of the time for submission of proposals as provided in this RFP, by emailing Colleen Winey at Zone 7 Water Agency at cwiney@zone7water.com.

F. Public Records Act Requests

If you believe that any information that you will be providing to Zone 7 is confidential or is subject to protection as a trade secret, please clearly indicate so in your submittal. Zone 7 will do its best not to disclose confidential or trade secret information that is clearly identified as such, but you should know that you bear the risk of identifying the confidential/trade secret information sufficiently clearly to allow Zone 7 personnel to redact that information prior to providing it to a requestor. Zone 7 assumes no responsibility for any failure on your part to mark the information sufficiently clearly to allow our staff to redact the information at the appropriate time.

Prior to disclosing your proposal to a requestor, Zone 7 will provide you with reasonable notice



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of the request and a reasonable opportunity to seek a protective order from a court of competent jurisdiction. Zone 7 will not contest your request for a protective order but will also not contest a request for your response to the request for proposals. Zone 7 will comply with any order regarding disclosure from a court of competent jurisdiction.

G. Rights of Zone 7

This RFP does not commit Zone 7 to enter a contract, nor does it obligate Zone 7 to pay for any costs incurred in the preparation and submission of proposals or in anticipation of a contract.

Zone 7 may investigate the qualifications of any proposer under consideration, require confirmation of information furnished by the proposer, and require additional evidence of qualifications to perform the services described in this RFP.

Zone 7 reserves the right to:

1. Reject any or all proposals,
2. Issue subsequent RFPs,
3. Postpone opening for its own convenience,
4. Remedy technical errors in the Request for Proposals process,
5. Approve or disapprove the use of particular subcontractors,
6. Negotiate with any, all, or none of the proposers,
7. Solicit best and final offers from all or some of the proposers,
8. Award a contract to one or more proposers,
9. Award a contract to a team created by Zone 7 from the proposers and/or its subcontractors,
10. Accept other than the lowest rates or rating, and
11. Waive informalities and irregularities in proposals.

H. Contract Type and Timeline

Selection of a firm or firms is expected to result in a Professional Services Agreement for an updated Well Master Plan for the Livermore Groundwater Basin that will begin on the date it is signed by the Zone 7 General Manager, which is expected to be in January 2024. Zone 7 desires that this project be completed by June 30, 2025.

I. Compliance with Laws; Conflict of Interest.

The consultant agrees to comply with all applicable federal and state laws, regulations, and policies, as amended, including those regarding discrimination, unfair labor practices, collusion and conflicts of interest.



II. PROPOSER'S MINIMUM QUALIFICATIONS

1. The proposer must respond to this RFP in a responsible and thoughtful manner.
2. The proposer must demonstrate suitable education and experience as it relates to the scope of work detailed in this RFP.
3. The selected consultant shall have their insurance carrier(s) submit the necessary Certificate(s) of Insurance at the time the contract is drafted, and they shall be made a part of the final contract with Zone 7. Refer to Attachment A, which contains Zone 7's Insurance Requirements. By submitting a proposal to this RFP, the proposer certifies that they have or can obtain the requisite insurance.
4. The consultant shall work effectively and in a timely manner with Zone 7's governing Board, executive management, and all staff levels of Zone 7.
5. The proposer shall comply with applicable federal, state, and local regulations concerning equal employment opportunity requirements.

III. SCOPE OF WORK

The consultant will provide the following tasks. More detail on each task is provided in Attachment C.

Task 1 – Develop Well Master Plan Objectives

The consultant shall coordinate with Zone 7 staff to establish objectives for the Well Master Plan and plan for outreach for the different phases of the project. The consultant shall also develop evaluation criteria for locating new wells in later tasks and identify all regulatory compliance needs.

Task 2 – Assess Future Water Demand Estimate Projections

The Consultant shall prepare demand projections based on review of recent estimates of future demands including general plans of local agencies, comparison of past demand estimates to actual water use, and assessment of the impacts of climate change on demands. Zone 7 anticipates that the demand estimates for the Well Master Plan be developed in a tiered format that would correspond to future well requirements in phases.

Task 3 – Assess Areas for Future Groundwater Production

Consultant shall use existing information and information developed in the ongoing groundwater



model update to assess areas for future groundwater production. Zone 7 envisions expanding the areas of the Basin from which they have historically produced groundwater in addition to increasing the number of wells in the areas of historical production. This task should include a detailed assessment of the potential for new and/or additional groundwater development throughout the Basin. As noted above, Zone 7 will also be constructing a new numerical groundwater model of the Basin under a separate professional services contract. This will include updates and revisions to the Hydrogeologic Conceptual Model (HCM) for the Basin based on recent and new information.

Task 4 - Identify Potential Future Well Locations

Consultant shall use the information developed in Task 3 to identify potential future well locations. Well location evaluation shall also be consistent with the criteria developed in Task 1. As with the work in Task 3, well identification shall be based on existing information and new information developed as part of the HCM and numerical model update. The number and location of wells should reflect future demand estimates developed in Task 2 and include sufficient wells to meet demands at all tier levels.

Task 5 - Assess Sources of Recharge for Each Well Location

Sources of recharge for all prospective new well locations must be identified and considered. All new well locations must be capable of producing groundwater without causing undesirable results, as defined in the 2021 SGMA Alternative Plan for the Basin. Consultant shall assess natural recharge, existing managed aquifer recharge (MAR), and need for additional MAR relative to all proposed new well locations. If a prospective well or wells do not currently have adequate local recharge to support new groundwater production, then Consultant shall assess and identify potential new MAR relative to potential well locations. New MAR may include aquifer storage and recovery (ASR), indirect potable recharge (IPR), and other management actions and/or projects identified in the Zone 7 SGMA Alternative Plan.

Task 6 – Identify Conceptual Water Treatment Requirements for New Well Locations

The Master Plan shall address water treatment needs for all new well locations. Consultant will use information developed from Tasks 3 and 4 to identify all water treatment requirements including disinfection or other chemical treatment for each new well location. Conceptual treatment needs shall be identified for each ranked location from Task 4. Consultant shall consider efficiencies such as combining treatment for multiple wells in a single location. This task does not need to include details related to treatment or preliminary design for treatment systems; however, water quality constituents of concern and potential treatment technologies and approximate costs should be identified for each relevant location.



Task 7 – Develop Preliminary Well Location Ranking

Consultant shall use the information from Tasks 4 through 6 to preliminarily rank the potential future well locations. Ranking shall consider all the elements from these previous tasks and include sufficient detail to support the ranked order. It shall be the responsibility of the Consultant to develop the ranking criteria.

Task 8 – Stakeholder and Board Meetings and Technical Memorandum Summarizing Tasks 1 Through 7

Consultant shall develop materials and present at stakeholder outreach and board meetings and prepare a technical memorandum (TM) for Tasks 1 through 7. Zone 7 anticipates two public stakeholder outreach meetings and presentations at two Board meetings during this period.

Task 9 – Define and Coordinate Model Simulation of Future Pumping

Consultant shall develop information to support simulation of well production from existing and potential new wells to meet future demands and coordinate with Zone 7's modeling consultant to model up to three (3) individual future pumping scenarios. As noted above, Zone 7 will be updating the HCM and numerical model for the Basin and running the Well Master Plan model simulations under a separate contract. The Consultant will work with Zone 7 and their modeling consultant to develop the information required to prepare model inputs for up to three (3) individual future pumping scenarios using some or all of the well locations identified in the preceding tasks. Zone 7 and the modeling consultant will determine which version of the model is appropriate for these simulations and the modeling consultant will be responsible for running the model and presenting the results to Zone 7 and Consultant.

Task 10 – Develop Final Well Location Ranking

Consultant will refine the well location ranking from Task 4 in consideration of the modeling results from Task 9 and prepare a final ranking of the well locations. The final ranking should provide Zone 7 with clear and complete information to plan for future well construction throughout the Basin. As noted above, identified locations may not be available when the need for new wells arises. The final ranking should provide sufficient information to allow Zone 7 to evaluate alternative locations or move on to lower ranked wells in the vicinity in the event that the highest ranked location is not available.

Task 11 – Stakeholder and Board Meetings and Technical Memorandum Summarizing Tasks 8 Through 10

Consultant shall develop materials and present at a stakeholder outreach and a board meeting



and prepare a TM for Tasks 8 through 10. The TM for this task shall document the work and results from Tasks 8 through 10 in sufficient detail to be understandable to Zone 7 and stakeholders and allow Zone 7 to use and or repeat the work as necessary. The TM will be presented in draft prior to the stakeholder and Board meeting and finalized after receiving feedback from stakeholders and Zone 7's staff and Board.

Task 12 – Prepare Well Implementation Plan

In consultation with Zone 7, the Consultant shall prepare a well implementation plan that includes recommendations and schedules for exploratory borings, wells, associated infrastructure, and treatment system construction for all planned wells.

Task 13 – Prepare and Present Well Master Plan

Consultant shall prepare a comprehensive Well Master Plan incorporating and documenting all preceding tasks. The Well Master Plan should be a stand-alone document that includes all components of the project from objecting identification and stakeholder outreach through the well implementation plan. Interim work product should be appended to the Master Plan but should also be summarized in the text in sufficient detail to provide planning guidance to Zone 7 through the 2045 planning horizon.

Task 14 – Project Management

Project management should include routine communications with Zone 7, monthly progress meetings and reporting, and maintenance of overall project budget and schedule including percent completion of tasks and monthly budget balance. Upon notice to proceed, Consultant shall organize a project kick-off meeting to discuss the scope of work and project roles and responsibilities and schedule monthly progress meetings. Monthly progress reports shall accompany invoices and include sufficient detail for Zone 7 to track progress by completed tasks, remaining budget, and present expected upcoming activities for all active tasks.

IV. PROPOSAL FORMAT AND CONTENT

The total proposal length shall not exceed **ten pages**, excluding the rates sheet and resumes, and shall be organized as follows.

1. **Approach to Work** – Provide a summary of your proposed approach to the work, from scheduling to implementation.
2. **Qualifications & Experience of the Team** – Identify the proposed project manager and proposed staff to complete this work. Include a summary of their qualifications, education, and expertise as it relates to the scope of work. Relate your experience to the scope of work



provided in this RFP with at least two specific examples and the dates of service. Provide recent examples that do not exceed the past five years.

3. **Availability and Scheduling** – Describe your firm’s availability to perform the scope of work outlined for each task and include a schedule for each task. Please be realistic about the actual availability of qualified staff. Completion of all tasks within the desired July 2025 deadline will be considered as part of the scoring criteria.

4. **References** – For each of the tasks, list at least two relevant projects for which the proposed staff held similar roles as what is described herein, and include the agency, staff contact name, address, and telephone number for each. Describe briefly how that work was similar to / different from this effort.

5. **Price Proposal** – Please include the billable hour for time and materials per assigned project manager and employees and a final price at the bottom of your cost proposal as a total not-to-exceed amount to implement the proposal. The Proposer shall state specifically what is being furnished, such as materials, labor, tools, and other equipment necessary to the complete the scope of services or expected number of hours with hourly rate. The price proposal pages are not included in the 10-page count.

V. EVALUATION AND SELECTION

A: Evaluation Criteria

The following criteria and allocations may be used to evaluate the submitted proposals.

- Completeness of response
- Budget Estimates
- Qualifications of the project manager and key staff
- Clear understanding of the scope of work and a well-defined approach
- Availability of qualified staff to complete the tasks by the June 30, 2025 deadline
- Demonstrated success in similar efforts
- References

B. Evaluation Procedure

An evaluation team made up of Zone 7 staff will review the qualifications submitted and may interview any or all the firms as necessary and select a consultant based on demonstrated competence and necessary qualifications. The names of the evaluation team will not be revealed. Negotiation of a contract, the detailed scope of work and the fee, are not within the scope of the Review Board.



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Zone 7 may interview a short-list of consultants. If so, it is expected that the interviews (online or in-person) will be conducted in early January 2024 and will be approximately 45 minutes long. Each oral interview will include a short introductory presentation by the consultant to highlight the firm's capabilities. Each consultant's contract manager must lead the presentation before the evaluation team. Proposers should also be aware that selection may be made without interviews or further discussion.

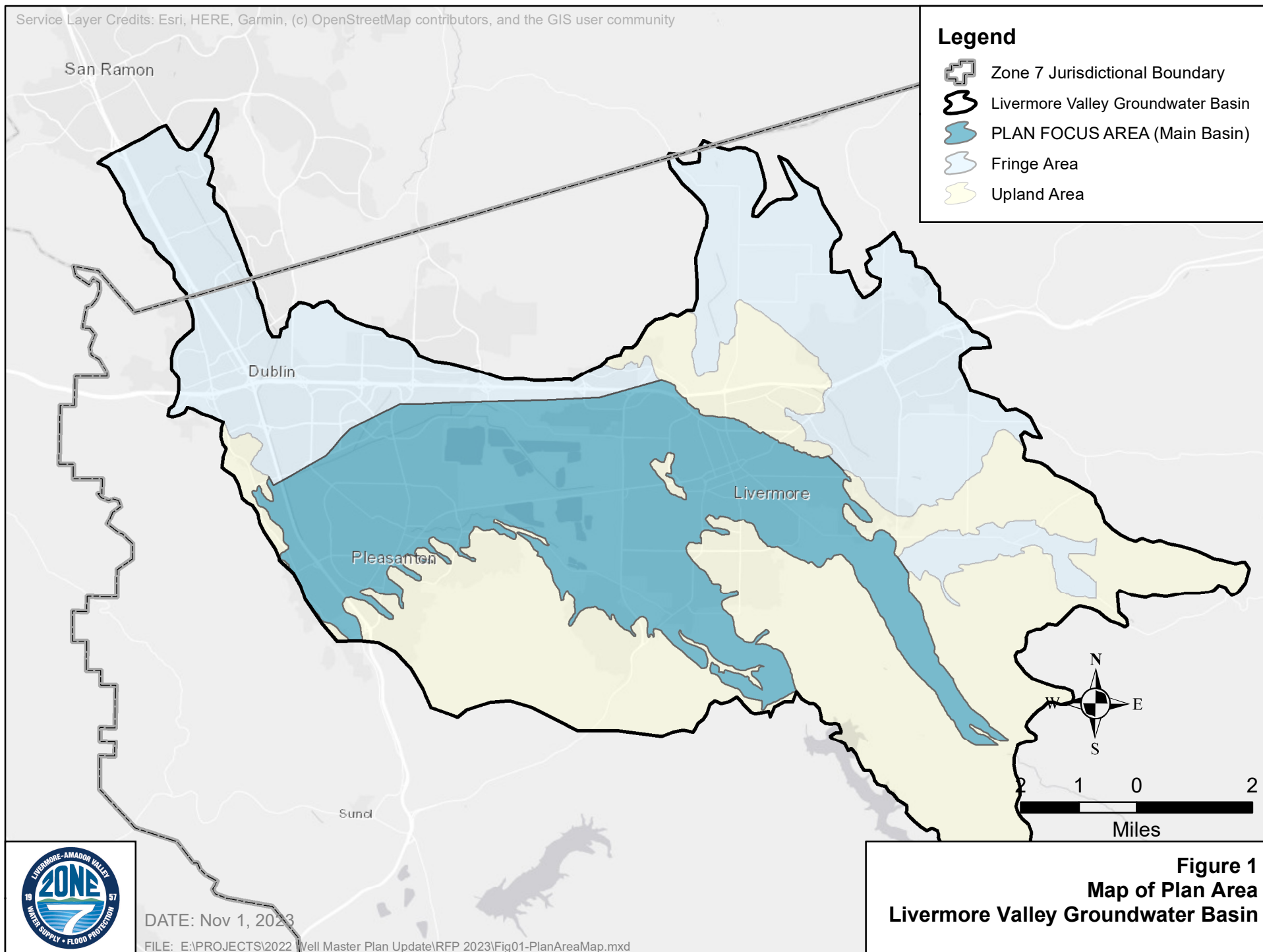
C. Award

When the evaluation team has completed its review, proposers will be advised of selected consultant. The Agency will begin negotiations with the highest ranked proposer. Final approval will be authorized by the Agency's Board of Directors. Once approval is obtained an agreement will be executed. Work may be authorized all at once or in phases.

VI. FIGURES AND ATTACHMENTS

Figure 1: Map of Plan Area

- A. Sample Agreement / Insurance Requirements
- B. Exceptions or Deviations Form
- C. Scope of Work for Zone 7 Well Master Plan Update



ATTACHMENT A

Sample Agreement / Insurance Requirements

Review carefully. Any changes/revisions or deviations must be provided in writing on Attachment B



SERVICES AGREEMENT

between

**ALAMEDA COUNTY FLOOD CONTROL
AND WATER CONSERVATION DISTRICT, ZONE 7**

and

Consultant Name

for

Project/Program Name

Contract No. _____

Dated _____



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This Professional Services Agreement ("**Agreement**") is made effective as of _____, by and between the Alameda County Flood Control and Water Conservation District, Zone 7 commonly known as ZONE 7 WATER AGENCY, hereinafter referred to as ("**Agency**"), a public body, corporate and politic, duly organized and existing under and by virtue of the laws of the State of California and _____, a DESCRIBE BUSINESS ENTITY, E.G., PROFESSIONAL CORPORATION ("Consultant") (collectively, the "Parties"), at Livermore, California, with reference to the following facts and intentions:

WHEREAS, The Agency is engaging in _____ ("Project"); and

WHEREAS, The Agency requires a highly qualified consultant with the requisite knowledge, skill, ability and expertise to provide the necessary services for the Project ("Services"); and

WHEREAS, Consultant represents to the Agency that it is fully qualified and available to perform the Services for and as requested by the Agency.

NOW, THEREFORE, in consideration of the mutual promises, covenants, and terms and conditions herein, the Parties agree as follows:

1. SCOPE OF WORK

- 1.1. Consultant shall provide all services set out in Appendix A, Scope of Work, attached and incorporated here to the satisfaction of the Agency.
- 1.2. **Independent Contractor; Agency** - The Consultant is acting hereunder as an independent contractor and not as an agent or employee of the Agency. The Consultant is thus not eligible to receive workers' compensation, medical, indemnity or retirement benefits, including but not limited to enrollment in the Alameda County Employees' Retirement Association (ACERA). Except as expressly provided herein, the Consultant is not eligible to receive overtime, vacation or sick pay. The Consultant shall not represent or otherwise hold out itself or any of its directors, officers, partners, employees, or agents to be an agent or employee of the Agency.
- 1.3. **Extra Services** - Before performing any services outside the scope of this Agreement ("Extra Services"), Consultant shall submit a written request for approval of such Extra Services and receive written approval from the Agency. The Agency shall have no responsibility to compensate Consultant for any Extra Services provided by Consultant without such prior written approval.



- 1.4. **Methods** - Consultant shall have the sole and absolute discretion in determining the methods, details and means of performing the Services required by the Agency. The Agency shall not have any right to direct the methods, details and means of the Services; however, Consultant must receive prior written approval from the Agency before assigning or changing any assignment of Consultant's project manager or key personnel and before using any Sub-consultants ("Sub-consultants") or Sub-consultant agreements for services or materials under this Agreement and any work authorizations.
- 1.5. **Review** - Consultant shall furnish the Agency with reasonable opportunities from time to time to ascertain whether the Services of Consultant are being performed in accordance with this Agreement. All work done and materials furnished shall be subject to final review and approval by the Agency. The Agency's review and approval of the Services shall not; however, relieve Consultant of any of its obligations under this Agreement.

2. COMPENSATION

- 2.1. **Amount** – As consideration for the Services described above, THE AGENCY will pay the Consultant an amount not to exceed \$_____ ("Maximum Amount"). DESCRIBE ANY PERIODIC BILLING REQUIREMENTS, EXPECTATIONS OR OTHER PARTICULARS, E.G., NOT TO EXCEED \$_____ PER MONTH, OR CONSULTANT SHALL NOTIFY THE AGENCY WHEN TOTAL INVOICED AMOUNT EQUALS 80% OF MAXIMUM AMOUNT.

Payments will be made at the rates set forth in the Fee Schedule which is attached hereto within and incorporated herein as though fully set forth ("Fee Schedule" – Appendix B). Consultant shall submit an invoice within ten (10) days after the end of each month during the term of this Agreement describing the Services performed for which payment is requested.

- 2.2. **Invoicing** – The invoice shall identify and describe the activities performed by Consultant and state the total cost of the Services for the period of the invoice; the hours worked; the name and title of the person(s) performing the work; the hourly rate for the person(s) performing the work; the accrued reimbursable expenses; and the budget amount and percentage remaining (after invoice payment), without reduction for retentions. The invoice shall also identify expenses for which reimbursement is requested and attach supporting documentation, including original receipts and/or bills. Any expenses exceeding \$500 shall require written approval from the Agency. Reimbursable costs shall not include any administrative or overhead expenses and shall be reimbursable as described in the Fee Schedule.



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Costs or expenses not designated or identified in the Fee Schedule shall not be reimbursable unless otherwise provided in this Agreement. Only actual time in providing the Services will be charged. The Agency will not make any payments for Consultant's travel time incurred in providing the Services, and Consultant agrees not to invoice the Agency for any travel time incurred in providing the Services.

The Agency shall review and approve all invoices prior to payment. Consultant agrees to submit additional supporting documentation to support the invoice if requested by the Agency. If the Agency does not approve an invoice, the Agency shall send a notice to the Consultant setting forth the reason(s) the invoice was not approved. Consultant may re-invoice the Agency to cure the defects identified in the Agency notice. The revised invoice will be treated as a new submittal. If the Agency contests all or any portion of an invoice, the Agency and the Consultant shall use their best efforts to resolve the contested portion of the invoice.

The Agency shall pay approved invoice amounts within thirty (30) days of receipt. The Agency's determinations regarding verification of Consultant's performance, accrued reimbursable expenses, and percentage of completion shall be binding and conclusive. Consultant's time records, invoices, receipts and other documentation supporting the invoices shall be available for review by the Agency upon reasonable notice and shall be retained by Consultant for three (3) years after completion of the Project.

All invoices submitted for payment must indicate the Agreement number and either are to be emailed to accountspayable@zone7water.com or a hard copy mailed to Zone 7 Water Agency, 100 North Canyons Parkway, Livermore, CA 94551, Attention: Accounts Payable.

- 2.3. **Withholding Payment** – In the event the Agency has reasonable grounds for believing Consultant will be unable to materially perform the Services under this Agreement or unable to complete the Services within the Maximum Amount described in this Agreement, or if the Agency becomes aware of a potential claim against Consultant or the Agency arising out of Consultant's negligence, intentional act or breach of any provision of this Agreement, including a potential claim against Consultant by the Agency, then the Agency may withhold payment of any amount payable to Consultant that the Agency determines is related to such inability to complete the Services, negligence, intentional act, or breach.

3. TAXES; INSURANCE; PERMITS; LICENSES

- 3.1. **Taxes** - Consultant shall be solely responsible for the payment of all federal, state and local income tax, social security tax, worker's compensation insurance, state disability insurance, and any other taxes or insurance Consultant, as an independent contractor, is responsible for paying under federal, state or local law.



Consultant is aware of the provisions of Section 3700 of the California Labor Code, which requires every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and Consultant shall comply with such provisions before commencing the performance of the Services under the Agreement. Consultant and its Sub-consultants shall maintain applicable workers' compensation insurance for their employees in effect during all work covered by the Agreement.

- 3.2. **Permits and Licenses** - Consultant shall procure and maintain all permits, and licenses and other government-required certification necessary for the performance of the Services, all at the sole cost of Consultant. None of the items referenced in this section shall be reimbursable to Consultant under the Agreement. Consultant shall comply with any and all applicable local, state, and federal regulations and statutes including Cal/OSHA requirements.

4. RISK TRANSFER PROVISIONS

- 4.1. **Workers' Compensation Insurance** - By his/her signature hereunder, Consultant certifies that he/she is aware of the provisions of Section 3700 of the California Labor Code which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and he/she will comply with such provisions before commencing the performance of the work of this Agreement.
- 4.2. **Indemnification** - To the fullest extent permitted by law, Consultant will immediately defend, indemnify and hold harmless the Agency, its directors, officers, employees, or authorized volunteers, and each of them (collectively "the Agency") from and against:
- 4.2.1. All claims, demands, liabilities and losses arising out of the performance (or actual or alleged non-performance) of the services by Consultant, including its agents and employees, under this Agreement, for damages to persons or property arising, pertaining to or relating to the Consultant's negligent acts or omissions or willful misconduct or the failure of Consultant to comply with any professional standard of care applicable to Consultant's services.
- 4.2.2. Any and all actions, proceedings, damages, costs, expenses, penalties or liabilities, in law or equity, of every kind or nature whatsoever, arising out of, resulting from, or on account of the intentional or negligent violation of any governmental law or regulation, compliance with which is the responsibility of Consultant.



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- 4.2.3. Any and all losses, expenses, damages (including damages to the work itself), attorneys' fees, and other costs, including all costs of defense, including but not only costs of counsel acceptable to the Agency, which the Agency may incur with respect to the failure, neglect, or refusal of Consultant to perform the Services or its obligations under the Agreement. Such costs, expenses, and damages shall include all costs, including attorneys' fees, incurred by the Agency in any lawsuit to which it is a party. Upon the Agency's tender, Consultant shall immediately defend, at its own cost, expense and risk, any and all such suits, actions or other legal proceedings, with counsel acceptable to the Agency. Consultant shall further defend itself against any and all liabilities, claims, losses, damages, and costs arising out of or alleged to arise out of performance or non- performance of the work hereunder, and shall not tender such claims to the Agency nor to its directors, officers, employees, or authorized volunteers, for defense or indemnity.
- 4.2.4. Consultant shall pay and satisfy any judgment, award or decree that may be rendered against the Agency or its directors, officers, employees, or authorized volunteers, in any and all such aforesaid suits, actions, or other legal proceedings if arising as provided in the previous subsections of this Section.
- 4.2.5. Consultant shall reimburse the Agency or its directors, officers, employees, or authorized volunteers, for any and all legal expenses and costs incurred by each of them in connection therewith.

Consultant's indemnification obligations shall not be limited in any way by any limitation on the amount or type of damages, compensation, or benefits payable by or for the Consultant, its agents, employees under any applicable Worker Compensation Act, Disability Benefits Act, or other employee benefit act. Consultant's obligation to defend and indemnify shall not be restricted by the insurance requirements of this Agreement or to insurance proceeds, if any received by the Agency, or its directors, officers, employees, or authorized volunteers.

Notwithstanding the foregoing obligations, Consultant shall not at any time be responsible for any claims, liabilities or demands to the extent that they arise from the negligence or willful misconduct of the Agency, provided, however, that contributory negligence will not relieve Consultant of its obligation to defend unless the claims, liabilities or demand are the result of the sole negligence or willful misconduct of Agency.

The indemnity provided under this indemnification provision is intended to and will survive the expiration or termination of the Agreement and remain in full force and effect until barred by the applicable statute of limitations.

5. GENERAL CONDITIONS



- 5.1. **Laws, Regulations and Permits** -The Consultant shall give all notices required by law and comply with all laws, ordinances, rules, and regulations pertaining to the conduct of the work. The Consultant shall be liable for all violations of the law in connection with work furnished by the Consultant. If the Consultant performs any work knowing it to be contrary to such laws, ordinances, rules and regulations, the Consultant shall bear all costs arising therefrom.
- 5.2. **Safety** - The Consultant shall execute and maintain his/her work so as to avoid injury or damage to any person or property.

In carrying out his/her work, the Consultant shall at all times exercise all necessary precautions for the safety of employees appropriate to the nature of the work and the conditions under which the work is to be performed, and be in compliance with all applicable federal, state and local statutory and regulatory requirements including State of California, Department of Industrial Relations (Cal/OSHA) regulations, and the U.S. Department of Transportation Omnibus Transportation Employee Testing Act. Safety precautions, as applicable, shall include but shall not be limited to: adequate life protection and life-saving equipment; adequate illumination; instructions in accident prevention for all employees, such as the use of machinery guards, safe walkways, scaffolds, ladders, bridges, gang planks, confined space procedures, trenching and shoring, fall protection, and other safety devices; equipment and wearing apparel as are necessary or lawfully required to prevent accidents, injuries, or illnesses; and adequate facilities for the proper inspection and maintenance of all safety measures.

- 5.3. **Labor Compliance Requirements** - Labor Compliance requirements (Prevailing Wage, SB 854): Contractor/Vendor must comply with all labor compliance requirements including but not limited to prevailing wage requirements, SB 854, Labor Code sections 1771.1(a) & 1725.5, Public Works Contractor Registration Program, and Electronic Certified Payroll Records to Labor Commissioner. Additional information about these requirements and the new public works program regarding compliance monitoring, administration and enforcement are available at the Department of Industrial Relations. **[For Public Works Contracts]** Copies of the rate of per diem prevailing wage shall be on file at the principal office of the Agency, and shall be made available to any interested party upon request.

6. REQUIRED INSURANCE

Liability Insurance - The Consultant shall provide and maintain at all times during the performance of the work under this Agreement, the following commercial general liability, professional liability and automobile liability insurance. All of the insurance shall be provided on policy forms and through companies satisfactory to the Agency.



- 6.1. **Coverage** - Coverage shall be at least as broad as the following or as provided in Appendix C:
 - 6.1.1. Coverage for Professional Liability appropriate to the Consultant's profession covering Consultant's wrongful acts, negligent actions, errors or omissions. **If Claims Made Policies:** the Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work; insurance must be maintained and evidence of insurance must be provided **for at least five (5) years after completion of the contract of work**; and if coverage is canceled or non-renewed, and not **replaced with another claims-made policy form with a Retroactive Date** prior to the contract effective date, the Consultant must purchase "extended reporting" coverage for a minimum of **five (5) years** after completion of contract work.
 - 6.1.2. Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 0001).
 - 6.1.3. Insurance Services Office (ISO) Business Auto Coverage (Form CA 0001), covering Symbol 1 (non-owned and hired automobiles).
- 6.2. **Limits** - The Consultant shall maintain limits no less than the following:
 - 6.2.1. Professional Liability – Two million dollars (\$2,000,000) per claim and annual aggregate.
 - 6.2.2. Commercial General Liability – Two million dollars (\$2,000,000) per occurrence or the full per occurrence limits of the policies available, whichever is greater for bodily injury, personal injury and property damage and products & completed operations liability. If Commercial General Liability Insurance or other form with a general aggregate limit or products-completed operations aggregate limit is used, either the general aggregate limit shall apply separately to the project/location (with the ISO CG 25 03, or ISO CG 25 04, or insurer's equivalent endorsement provided to the Agency) or the general aggregate limit and products-completed operations aggregate limit shall be twice the required occurrence limit.
 - 6.2.3. Automobile Liability – One million dollars (\$1,000,000) for bodily injury and property damage each accident limit.
 - 6.2.4. Excess Liability – The limits of insurance required in this Agreement may be satisfied by a combination of primary and umbrella or excess insurance. Any umbrella or excess insurance shall contain or be endorsed to contain a provision that such coverage shall also apply on a primary and non-contributory basis for



the benefit of the Agency (if agreed to in a written contract or agreement) before the Agency's own primary or self- Insurance shall be called upon to protect it as a named insured.

- 6.3. **Required Provisions** - The general liability and automobile liability policies are to contain, or be endorsed to contain, the following provisions:
- 6.3.1. The Agency, its directors, officers, employees, and authorized volunteers are to be given insured status at least as broad as ISO endorsement CG 20 10 10 01 specifically naming all of the Agency parties required in this Agreement, or using language that states "as required by contract"). All Sub-consultants hired by Consultant must also have the same forms or coverage at least as broad; as respects: liability arising out of activities performed by or on behalf of the Consultant; products and completed operations of the Consultant; premises owned, occupied or used by the Consultant; and automobiles owned, leased, hired or borrowed by the Consultant. The coverage shall contain no special limitations on the scope of protection afforded to the Agency, its directors, officers, employees, or authorized volunteers.
 - 6.3.2. Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the Agency. Additionally, Consultant shall give Agency thirty (30) days written notice prior to any material change or cancellation of said coverage.
 - 6.3.3. For any claims related to this project, the Consultant's insurance shall be primary insurance as respects the Agency, its directors, officers, employees, or authorized volunteers, using the ISO CG 20 01 04 13 or coverage at least as broad. Any insurance, self-insurance, or other coverage maintained by the Agency, its directors, officers, employees, or authorized volunteers shall be in excess of the insurance required under this Agreement, and shall not contribute to it.
 - 6.3.4. Any failure to comply with the reporting or other provisions of the policies including breaches and warranties shall not affect coverage provided to the Agency, its directors, officers, employees, or authorized volunteers.
 - 6.3.5. Such liability insurance shall indemnify the Consultant and his/her Sub-consultants against loss from liability imposed by law upon, or assumed under contract by, the Consultant or his/her Sub-consultants for damages on account of such bodily injury (including death), property damage, personal injury, completed operations, and products liability.



- 6.3.6. The general liability policy shall cover bodily injury and property damage liability, owned and non-owned equipment, blanket contractual liability, completed operations liability.
- 6.3.7. The automobile liability policy shall cover all owned, non-owned, and hired automobiles.
- 6.4. **Workers' Compensation and Employer's Liability Insurance** - The Consultant and all Sub-consultants shall cover or insure under the applicable laws relating to workers' compensation insurance, all of their employees employed directly by them or through Sub-consultants in carrying out the work contemplated under this Agreement, all in accordance with the "Workers' Compensation and Insurance Act", Division IV of the Labor Code of the State of California and any Acts amendatory thereof, with statutory limits. The Consultant shall provide employer's liability insurance with limits of no less than \$1,000,000 each accident, \$1,000,000 disease policy limit, and \$1,000,000 disease each employee. **Waiver of Subrogation:** The insurer(s) named above agree to waive all rights of subrogation against the Agency, its elected or appointed officers, officials, agents, authorized volunteers and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for the Agency; but this provision applies regardless of whether or not the Agency has received a waiver of subrogation from the insurer.
- 6.5. **Deductibles and Self-Insured Retentions** - Any deductible or self-insured retention must be declared to and approved by the Agency. At the option of the Agency, the insurer shall either reduce or eliminate such deductibles or self-insured retentions. Policies containing any self-insured retention (SIR) provision shall provide or be endorsed to provide that the SIR may be satisfied by either the named or additional insureds, co-insurers, and/or insureds other than the First Named Insured.
- 6.6. **Acceptability of Insurers** - Insurance is to be placed with insurers having a current A.M. Best rating of no less than A:VII or equivalent or as otherwise approved by the Agency.
- 6.7. **Evidences of Insurance** - Prior to execution of the Agreement, the Consultant shall file with the Agency a certificate of insurance (Acord Form 25 or equivalent) signed by the insurer's representative evidencing the coverage required by this Agreement. Such evidence shall include (1) attached additional insured endorsements with primary & non-contributory wording, (2) Workers' Compensation waiver of subrogation. The Agency reserves the right to obtain complete, certified copies of all required insurance policies, at any time. Consultant shall maintain the Insurance required by this Agreement throughout the term of the



Agreement and for a period of not less than 5 years following the termination of completion of this Agreement. Consultant further waives all rights of subrogation under this Agreement. Failure to continually satisfy the Insurance requirements is a material breach of contract.

The Consultant shall, upon demand of the Agency, deliver to the Agency such policy or policies of insurance and the receipts for payment of premiums thereon.

- 6.8. **Continuation of Coverage** - If any of the required coverages expire during the term of this Agreement, the Consultant shall deliver the renewal certificate(s) including the general liability additional insured endorsement to the Agency at least ten (10) days prior to the expiration date. Failure to comply with any of the Insurance requirements shall constitute material breach of contract. The insurance requirements in this Agreement do not in any way represent or imply that such coverage is sufficient to adequately cover the Consultant's obligations under this Agreement. All Insurance or self-insurance coverage and limits applicable to a given loss or available to the named insured shall be available and applicable to the additional insured. The insurance obligations under this Agreement are independent of and in addition to the defense and indemnity obligations contained elsewhere in this Agreement and shall not in any way act to limit or restrict the defense or indemnity or additional insure obligations of the Consultant or the Consultant's insurance carrier, and shall be for (1) the full extent of the insurance or self-insurance overages and limits carried by or available to the Consultant, or (2) the minimum insurance coverage and amounts shown in this Agreement; whichever is greater. Agency reserves the right to add such other parties as may be required in the future to the indemnity and additional insured requirements of this Agreement.
- 6.9. **Sub-Consultants** - In the event that the Consultant employs other consultants ("Sub-consultants") as part of the services covered by this Agreement, it shall be the Consultant's responsibility to require and confirm that each Sub-consultant meets the minimum insurance requirements specified above.

7. LABOR AND MATERIALS

Consultant shall furnish, at its own expense, all labor, materials, equipment, tools, transportation and services necessary for the successful completion of the Services to be performed under this Agreement. Consultant shall give its full attention and supervision to the fulfillment of the provisions of this Agreement by its employees and Sub-consultants and shall be responsible for the timely performance of the Services required by this Agreement. Consultant's standard schedule of fees and charges is attached, which is incorporated herein as though fully set forth in the Fee Schedule attached hereto (Appendix B). All compensation for Consultant's Services under this Agreement shall be pursuant to the Fee Schedule.



8. TERM OF THE AGREEMENT

- 8.1. **Period of Services** – This Agreement between the Agency and Consultant is for a term of NUMBER OF MONTHS, beginning DATE and ending DATE, subject to the termination provisions herein.
- 8.2. **Termination** – The Agency may terminate this Agreement for any reason by giving Consultant at least thirty (30) days or earlier (depending on nature of services) prior written notice of such termination. Such termination shall not relieve the Agency from responsibility for payment for Services rendered by Consultant prior to the date of termination but shall relieve the Agency of its obligations for the full payment of compensation due under the Agreement for the Services of Consultant after the notice of termination.
- 8.3. **Termination for Cause** – The Agency may terminate the Agreement for cause, effective immediately upon written notice of such termination to Consultant, based upon the occurrence of any of the following events:
- 8.3.1. Material breach of the Agreement by Consultant
 - 8.3.2. Cessation of Consultant to be licensed, as required by law
 - 8.3.3. Failure of Consultant to substantially comply with any applicable federal, state or local laws or regulations
 - 8.3.4. The voluntary or involuntary filing of any petition under any law for the relief of debtors with respect to Consultant
 - 8.3.5. Conviction of Consultant of any crime other than minor traffic offenses
- 8.4. **Compensation Upon Termination** - If the Services of Consultant are terminated, in whole or in part, Consultant shall be compensated as provided herein for all Services and approved Extra Services performed prior to the date of such termination.

9. CALIFORNIA LABOR CODE REQUIREMENTS

- 9.1. Consultant is aware of the requirements of California Labor Code Sections 1720 et seq. and 1770 et seq., which require the payment of prevailing wage rates and the performance of other requirements on certain "public works" and "maintenance" projects. If the services are being performed as part of an applicable "public works" or "maintenance" project, as defined by the Prevailing Wage Laws, and if the total compensation is \$1,000 or more, Consultant agrees to fully comply with such Prevailing Wage Laws, if applicable. Consultant shall defend, indemnify and hold



the Agency, its elected officials, officers, employees and agents free and harmless from any claims, liabilities, costs, penalties or interest arising out of any failure or alleged failure to comply with the Prevailing Wage Laws. It shall be mandatory upon the Consultant and all sub-consultants to comply with all California Labor Code provisions, which include but are not limited to prevailing wages, employment of apprentices, hours of labor and debarment of contractors and subcontractors.

- 9.2. **Effective March 1, 2015**, if the services are being performed as part of an applicable "public works" or "maintenance" project, in addition to the foregoing, then pursuant to Labor Code sections 1725.5 and 1771.1, the Consultant and all sub-consultants must be registered with the Department of Industrial Relations ("DIR"). Consultant shall maintain registration for the duration of the project and require the same of any sub-consultants. This project may also be subject to compliance monitoring and enforcement by the DIR. It shall be Consultant's sole responsibility to comply with all applicable registration and labor compliance requirements, including the submission of payroll records directly to the DIR.

10. INTERESTS OF CONSULTANT

- 10.1. Consultant represents and warrants that it presently has no interests, and covenants that it will not acquire any interests, direct or indirect, financial or otherwise, that would conflict with the performance of the Services to be provided by Consultant under the Agreement. Consultant further covenants that, in the performance of the Agreement, it will not employ any Sub-consultant or employee with any such interest. Consultant certifies that no one who has or will have any financial interest under this Agreement or within Consultant is a director, officer or employee of the Agency.
- 10.2. Although Consultant is retained as an independent contractor, Consultant's employees or agents may still be required under the California Political Reform Act and the Agency Conflict of Interest Code to file annual financial disclosure statements. Consultant agrees that its employees and/or agents will file with the Agency in a timely manner those financial disclosure statements that the Agency determines Consultant is required to file pursuant to the Political Reform Act. Failure to file such financial disclosure statements by Consultant and any of its employees or agents is grounds for termination of this Agreement.

11. COMPLETED WORK AND WORK PRODUCT

In the event of termination or completion of the Services under the Agreement, Consultant shall, at the Agency's request, promptly surrender to the Agency all completed work and work in progress and all materials, records and notes developed, procured, or produced



pursuant to the Agreement. Consultant may retain copies of such work product as a part of its record of professional activity.

12. CONFIDENTIALITY AND RESTRICTIONS ON DISCLOSURE

- 12.1. **Confidential Nature of Materials** - The Consultant understands that all documents, records, reports, data, or other materials (collectively "Materials") provided by the Agency to the Consultant pursuant to the Agreement, including but not limited to draft reports, final report(s) and all data, information, documents, graphic displays and other items that are not proprietary to the Consultant and that are utilized or produced by the Consultant pursuant to the Agreement are to be considered confidential for all purposes.
- 12.2. **No Disclosure of Confidential Materials** - The Consultant shall be responsible for protecting the confidentiality and maintaining the security of the Agency documents and records in its possession. All Materials shall be deemed confidential and shall remain the property of the Agency. The Consultant understands the sensitive nature of the above and agrees that neither its officers, partners, employees, agents or Sub-consultants will release, disseminate, or otherwise publish said reports or other such data, information, documents, graphic displays, nor other materials except as provided herein or as authorized, in writing, by the Agency. The Consultant agrees not to make use of such Materials for any purpose not related to the performance of the Services under the Agreement. The Consultant shall not make written or oral disclosures thereof, other than as necessary for its performance of the Services hereunder, without the prior written approval of the Agency. Disclosure of confidential Materials shall not be made to any individual, agency, or organization except as provided for in the Agreement or as may be required by law, or by a court of competent jurisdiction.
- 12.3. **Protections to Ensure Control over Materials** - All confidential Materials saved or stored by the Consultant in an electronic form shall be protected by adequate security measures to ensure that such confidential Materials are safe from theft, loss, destruction, erasure, alteration, and any unauthorized viewing, duplication, or use. Such security measures shall include, but not be limited to, the use of current virus protection software, firewalls, data backup, passwords, and internet controls.

The provisions of this Section survive the termination or completion of the Agreement.

13. OWNERSHIP OF DOCUMENTS AND DISPLAYS

All original written or recorded data, documents, graphic displays, reports or other materials which contain information relating to the Consultant's performance hereunder and which are originated and prepared for the Agency pursuant to the Agreement shall be "work for hire"



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and shall be the property of the Agency. The Consultant hereby assigns all of its right, title and interest therein to the Agency, including but not limited to any copyright interest. In addition, the Agency reserves the right to use, duplicate and disclose in whole, or in part, in any manner and for any purpose whatsoever all such data, documents, graphic displays, reports or other materials delivered to the Agency pursuant to this Agreement and to authorize others to do so.

To the extent that the Consultant utilizes any of its property (including, without limitation, any hardware or software of Consultant or any proprietary or confidential information of Consultant or any trade secrets of Consultant) in performing services hereunder, such property shall remain the property of Consultant, and the Agency shall acquire no right or interest in such property.

14. ASSIGNMENT PROHIBITED

The Consultant shall not assign, transfer, convey, or otherwise dispose of its rights, title or interest in or to this Agreement or any part thereof without the previous written consent of the Agency.

15. REPRESENTATIVES OF THE PARTIES AND SERVICE OF NOTICES

- 15.1. **Designated Representatives** – The Agency representative designated below shall be the principal representative of the Agency for purposes of the Services that are the subject of this Agreement. Consultant shall designate, in writing, Consultant's project engineer and/or project manager for the performance of the Services under this Agreement, which designation shall be subject to the Agency's reasonable approval.

The representatives of the Parties who are authorized to administer this Agreement and to whom formal notices, demands and communications shall be given are as follows:

ZONE 7 WATER AGENCY Representative:

Name
Title
Zone 7 Water Agency
100 N. Canyons Parkway
Livermore, CA 94551

Consultant:

Name



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Title
Firm Name
Address
Firm Tax ID

- 15.2. **Notices** - Formal notices, demands and communications to be given hereunder by either Party shall be made in writing and may be effected by personal delivery or fax or by registered or certified mail, postage prepaid, return receipt requested to the address set out below and shall be deemed communicated as of the date of mailing. If the name or address of the person to whom notices, demands or communications shall be given changes, written notice of such change shall be given, in accordance with this section within five (5) working days.

16. MISCELLANEOUS PROVISIONS

- 16.1. **Integration** – This Agreement represents the complete Agreement of the parties and supersedes any other Agreements between the parties, whether written or oral.
- 16.2. **No Waiver** – No waiver by either parties of any term or condition of this Agreement shall be a continuing waiver thereof.
- 16.3. **Modification** – This Agreement only may be amended in writing, signed by all parties.
- 16.4. **Attorneys' Fees** – In any proceeding to enforce this Agreement, the prevailing party shall be entitled to attorneys' fees and costs in any amount determined by the court.
- 16.5. **Choice of Laws/Venue** – This Agreement shall in all respects be governed by the laws of the State of California applicable to Agreement executed and to be wholly performed with the State. Any action regarding this Agreement shall be brought in Alameda County Superior Court.
- 16.6. **Counterparts** – This Agreement may be executed in separate counterparts that, together, shall constitute and be one and the same instrument.
- 16.7. **No Third Party Beneficiaries** – This Agreement is for the sole benefit of the parties hereto and their permitted assigns (if any), and nothing herein expressed or implied shall give or be construed to give to any person, other than the parties hereto and such assigns any legal or equitable rights hereunder.



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- 16.8. No Presumption Regarding Drafter – The parties to this Agreement acknowledge that its terms and provisions have been negotiated and discussed among them and that it reflects their mutual agreement regarding its subject matter. Therefore, neither party shall be deemed to be the drafter of this Agreement nor shall there be no presumption for or against the drafter in its interpretation or enforcement.

IN WITNESS WHEREOF, the Parties have executed this Agreement at the place and as of the date first written above.

ALAMEDA COUNTY FLOOD CONTROL and WATER
CONSERVATION DISTRICT, Zone 7, commonly known as
ZONE 7 WATER AGENCY ("Agency")

Consultant

Valerie L. Pryor
General Manager

Date

Signature

Date

Print Name & Title

Address

Telephone

TIN or SS Number



INSURANCE

This is an appendix attached to, and made a part of, the Services Agreement dated _____ ("Agreement") between THE ALAMEDA COUNTY FLOOD CONTROL AND WATER CONSERVATION DISTRICT, ZONE 7 commonly known as ZONE 7 WATER AGENCY ("District") and _____ ("Consultant"), for the provision of services agreement ("Services").

Minimum Insurance Requirements: Consultant shall procure and maintain for the duration of the contract insurance against claims for injuries or death to persons or damages to property which may arise from or in connection with the performance of the work hereunder and the results of that work by the Consultant, his agents, representatives, employees or sub-contractors.

Coverage - Coverage shall be at least as broad as the following:

1. **Commercial General Liability (CGL)** - Insurance Services Office (ISO) Commercial General Liability Coverage (Occurrence Form CG 00 01) including products and completed operations, property damage, bodily injury, personal and advertising injury with limit of at least two million dollars (\$2,000,000) per occurrence or the full per occurrence limits of the policies available, whichever is greater. If a general aggregate limit applies, either the general aggregate limit shall apply separately to this project/location (coverage as broad as the ISO CG 25 03, or ISO CG 25 04 endorsement provided to the District) or the general aggregate limit shall be twice the required occurrence limit.
2. **Automobile Liability** - Insurance Services Office (ISO) Business Auto Coverage (Form CA 00 01), covering Symbol 1 (any auto) or if Consultant has no owned autos, Symbol 8 (hired) and 9 (non-owned) with limit of one million dollars (\$1,000,000) for bodily injury and property damage each accident.
3. **Workers' Compensation Insurance** - as required by the State of California, with Statutory Limits, and Employer's Liability Insurance with limit of no less than \$1,000,000 per accident for bodily injury or disease. Waiver of Subrogation: The insurer(s) named above agree to waive all rights of subrogation against the District, its elected or appointed officers, officials, agents, authorized volunteers and employees for losses paid under the terms of this policy which arise from work performed by the Named Insured for the Agency; but this provision applies regardless of whether or not the District has received a waiver of subrogation from the insurer.
4. **Professional Liability** - (Also known as Errors & Omission – *Technology Exposure – Other Contractual Considerations) Insurance appropriate to the Consultant profession,



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with limits no less than \$1,000,000 per occurrence or claim, and \$2,000,000 policy aggregate.

If Claims Made Policies:

1. The Retroactive Date must be shown and must be before the date of the contract or the beginning of contract work.
2. Insurance must be maintained and evidence of insurance must be provided for at least five (5) years after completion of the contract of work.
3. If coverage is canceled or non-renewed, and not replaced with another claims-made policy form with a Retroactive Date prior to the contract effective date, the Consultant must purchase "extended reporting" coverage for a minimum of five (5) years after completion of contract work.

If the Consultant maintains broader coverage and/or higher limits than the minimums shown above, the District requires and shall be entitled to the broader coverage and/or higher limits maintained by the Consultant. Any available insurance proceeds in excess of the specified minimum limits of insurance and coverage shall be available to the District.

Other Required Provisions - The general liability policy must contain, or be endorsed to contain, the following provisions:

1. **Additional Insured Status:** Zone 7 Water Agency, its directors, officers, employees, and authorized volunteers are to be given insured status (at least as broad as ISO Form CG 20 10 10 01), with respect to liability arising out of work or operations performed by or on behalf of the Consultant including materials, parts, or equipment furnished in connection with such work or operations.
2. **Primary Coverage:** For any claims related to this project, the Consultant's insurance coverage shall be primary at least as broad as ISO CG 20 01 04 13 as respects to the Zone 7 Water Agency, its directors, officers, employees and authorized volunteers. Any insurance or self-insurance maintained by the Member Water Agency its directors, officers, employees and authorized volunteers shall be excess of the Consultant's insurance and shall not contribute with it.

Notice of Cancellation: Each insurance policy required above shall provide that coverage shall not be canceled, except with notice to the District.

Self-Insured Retentions - Self-insured retentions must be declared to and approved by the District. The District may require the Consultant to provide proof of ability to pay losses and related investigations, claim administration, and defense expenses within the retention. The



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policy language shall provide, or be endorsed to provide, that the self-insured retention may be satisfied by either the named insured or the District.

Acceptability of Insurers - Insurance is to be placed with insurers having a current A.M. Best rating of no less than A: VII or as otherwise approved by the District.

Verification of Coverage – Consultant shall furnish the District with certificates and amendatory endorsements or copies of the applicable policy language effecting coverage required by this clause. All certificates and endorsements are to be received and approved by the District before work commences. However, failure to obtain the required documents prior to the work beginning shall not waive the Consultant's obligation to provide them. The District reserves the right to require complete, certified copies of all required insurance policies, including policy Declaration pages and Endorsement pages.

Sub-contractors - Consultant shall require and verify that all sub-contractor maintain insurance meeting all the requirements stated herein, and Consultant shall ensure that Zone 7 Water Agency, its directors, officers, employees, and authorized volunteers are an additional insured are an additional insured on Commercial General Liability Coverage.



ATTACHMENT B

Exceptions or Deviations Form

Use this form to list any proposed changes/revisions or deviations to Attachment B

Exceptions or Deviations

List below exceptions and/or deviations, if any, to the RFP and its exhibits and submit with your proposal.

The District is under no obligation to accept any exceptions and/or deviations and may be used in the evaluation of proposals.

Item No.	Reference To:		Description
	Page No.	Paragraph No.	

_____	_____	_____
Bidder Name	Bidder Signature	Date



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ATTACHMENT C

Scope of Work for Zone 7 Well Master Plan Update



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Zone 7 Water Agency (Zone 7) prepared a Well Master Plan in 2003 (CH2MHill) and is seeking a consultant or firm with experience in preparing master plans (Consultant) to prepare an updated Well Master Plan for the Livermore Valley Groundwater Basin (DWR Basin No. 2-010).

Zone 7 seeks to develop a plan with phased implementation of groundwater supplies in various areas of the Basin; this will help meet water demands to 2045 and beyond. The Plan needs to account for factors including future water demand, climate change, an updated Hydrogeologic Conceptual Model (HCM) (being developed as part of a separate scope of services for numerical groundwater model development and use), and recent groundwater conditions including groundwater quality. Prospective Consultants should prepare a detailed scope of services and budget estimate for the scope of work presented below.

SCOPE OF WORK

TASK 1. DEVELOP WELL MASTER PLAN OBJECTIVES

The Consultant will coordinate with Zone 7 staff to establish the objectives for the Well Master Plan and plan for outreach for the different phases of the project. In addition, Consultant shall develop evaluation criteria for locating new wells in later tasks and identify all regulatory compliance needs relating to the Well Master Plan and its implementation, distribution system infrastructure, and/or recharge facilities.

This task should include frequent communication with Zone 7 staff to accomplish the following:

- Coordinate with Zone 7 to identify and document objectives for the well master planning process.
- Develop protocols for documentation of stakeholder activities throughout all aspects of the well master planning process.
- Develop and document evaluation criteria for future wells and pumping scenarios with Zone 7 input.
- Identify regulatory and CEQA compliance for all aspects of the well master planning process.
- Develop Sustainable Groundwater Management Act (SGMA) Compliance section detailing compliance with Zone 7's Alternative Plan and existing statewide executive orders relating to well permitting and construction.
- Develop a plan for project outreach.

Deliverables and Meetings:

- Deliverables for this task should include documentation of the items above in the technical memoranda (TM) that will be developed in Tasks 8 and 11.
- Consultant shall include scope and budget for meetings to address the items listed above in coordination with Zone 7 staff.

TASK 2. ASSESS FUTURE WATER DEMAND ESTIMATE PROJECTIONS

The Consultant shall prepare water demand projections based on review of recent estimates of future demands including general plans of local agencies, comparison of past demand estimates to actual water use, and assessment of the impacts of climate change on demands. Zone 7 anticipates that the demand estimates for the Well Master Plan be developed in a tiered format that would correspond to



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future well requirements in phases. These demand estimates should consider the range of demands that may be included in other local planning efforts, including the upcoming Urban Water Management Plan for Zone 7, and should be presented in tiers. Future demand estimates must extend to at least 2045 and include estimates for incremental periods that correspond to new well requirements referenced in later tasks. At a minimum, this task should include the following:

- Review recent water demand estimates and projections and compare them to historical demand projections and actual water use
- Evaluate water demand projection changes related to climate change
- Develop flexible future water demand with tiered estimates for evaluating the number and general location of wells Zone 7 will need to meet water demand in 2045

Deliverables and Meetings:

- Deliverables for this task will be included in Task 8.
- Consultant shall include scope and budget for meetings to address the items listed above in coordination with Zone 7 staff.

TASK 3. ASSESS AREAS FOR FUTURE GROUNDWATER PRODUCTION

Consultant shall use existing information and information developed in the ongoing groundwater model update to assess areas for future groundwater production. Zone 7 envisions expanding the areas of the Basin from which they have historically produced groundwater in addition to increasing the number of wells in the areas of historical production. This task should include a detailed assessment of the potential for new and/or additional groundwater development throughout the Basin. As noted above, Zone 7 will also be constructing a new numerical groundwater model of the Basin under a separate professional services contract. This will include updates and revisions to the HCM for the Basin based on recent and new information. The Consultant shall coordinate with Zone 7 staff to use all available existing and new information developed as part of the HCM and numerical model update to identify areas for future groundwater production, including:

- Hydrostratigraphy
- Aquifer storage
- Aquifer transmissivity
- Groundwater quality, including PFAS occurrences
- Existing and potential future expansion of Zone 7 water transmission systems
- Existing and planned future managed aquifer recharge (MAR)

Evaluation of areas for new groundwater development shall be consistent with the criteria developed in Task 1.

Deliverables and Meetings:

- Deliverables for this task will be included in Task 8.
- Consultant shall include scope and budget for meetings to address the items listed above in coordination with Zone 7 staff.



TASK 4. IDENTIFY POTENTIAL FUTURE WELL LOCATIONS

Consultant shall use the information developed in Task 3 to identify potential future well locations. Well location evaluation shall also be consistent with the criteria developed in Task 1. As with the work in Task 3, well identification shall be based on existing information and new information developed as part of the HCM and numerical model update. The number and location of wells should reflect future demand estimates developed in Task 2 and include sufficient wells to meet demands at all tier levels. All prospective well location identification and selection shall be based on evaluation of the following:

- Water demand
- Hydrostratigraphy
- Aquifer storage
- Aquifer transmissivity
- Potential short and long term well production capacity
- Groundwater quality, including PFAS occurrences and GeoTracker sites
- Existing and future Zone 7 water transmission systems
- Existing and planned future managed aquifer recharge (MAR)
- Property acquisition considerations

Consultant must recognize that all identified locations may not be available when the need for the new well arises. Consultant shall therefore consider areas around each well location as alternatives. In addition, Consultant shall provide sufficient information for each site and alternative to allow for ranking and selection when wells are needed.

Deliverables and Meetings:

- Deliverables for this task will be included in Task 8.
- Consultant shall include scope and budget for meetings to address the items listed above in coordination with Zone 7 staff.

TASK 5. ASSESS SOURCES OF RECHARGE FOR EACH WELL LOCATION

Sources of recharge for all prospective new well locations must be identified and considered. All new well locations must be capable of producing groundwater without causing undesirable results, as defined in the 2021 SGMA Alternative Plan for the Basin. Consultant shall assess natural recharge, existing managed aquifer recharge (MAR), and need for additional MAR relative to all proposed new well locations. If a prospective well or wells do not currently have adequate local recharge to support new groundwater production, then Consultant shall assess and identify potential new MAR relative to potential well locations. New MAR may include aquifer storage and recovery (ASR), indirect potable recharge (IPR), and other management actions and/or projects identified in the Zone 7 SGMA Alternative Plan. If additional recharge is necessary for individual well locations, Consultant shall work with Zone 7 staff to identify MAR options for the location(s).

Deliverables and Meetings:

- Deliverables for this task will be included in Task 8.
- Consultant shall include scope and budget for meetings to address the items listed above in coordination with Zone 7 staff.



TASK 6. IDENTIFY CONCEPTUAL WATER TREATMENT REQUIREMENTS FOR NEW WELL LOCATIONS

The Master Plan shall address water treatment needs for all new well locations. Consultant will use information developed from Tasks 3 and 4 to identify all water treatment requirements including disinfection or other chemical treatment for each new well location. Conceptual treatment needs shall be identified for each ranked location from Task 4. Consultant shall consider efficiencies such as combining treatment for multiple wells in a single location. This task does not need to include details related to treatment or preliminary design for treatment systems; however, water quality constituents of concern and potential treatment technologies and approximate costs should be identified for each relevant location.

Deliverables and Meetings:

- Deliverables for this task will be included in Task 8.
- Consultant shall include scope and budget for meetings to address the items listed above in coordination with Zone 7 staff.

TASK 7. DEVELOP PRELIMINARY WELL LOCATION RANKING

Consultant shall use the information from Tasks 4 through 6 to preliminarily rank the potential future well locations. Ranking shall consider all the elements from these previous tasks and include sufficient detail to support the ranked order. It shall be the responsibility of the Consultant to develop the ranking criteria.

The well site rankings developed in this task will be preliminary and shall be refined by Consultant in Task 9.

Deliverables and Meetings:

- Deliverables for this task will be included in Task 8.
- Consultant shall include scope and budget for meetings to address the items listed above in coordination with Zone 7 staff.

TASK 8. STAKEHOLDER AND ZONE 7 BOARD MEETINGS AND TECHNICAL MEMORANDUM SUMMARIZING TASKS 1 THROUGH 7

Consultant shall develop materials and present at stakeholder outreach and Zone 7 Board meetings and prepare a technical memorandum (TM) for Tasks 1 through 7. Zone 7 anticipates two public stakeholder outreach meetings and presentations at two Zone 7 Board meetings during this period.

The first stakeholder outreach meeting will focus on scoping to correspond with the items listed in Task 1 and the second stakeholder outreach meeting will take place following completion of Tasks 2 through 7. The first meeting will be used to solicit information and feedback from stakeholders for identification of Well Master Plan objectives, groundwater production and well location evaluation criteria, and regulatory and SGMA compliance. The second meeting will include presentation, discussion, and solicitation of feedback on the information developed in Tasks 2 through 7. Stakeholders invited to



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these meetings will likely include local water retailers, agricultural interests, regulatory entities, other local agencies, private well owners, and other stakeholders. The Consultant shall be responsible for working with Zone 7 staff to develop the stakeholder lists based on other recent groundwater planning outreach, scheduling meetings, developing meeting agendas and technical presentations, maintaining attendance lists, preparing meeting minutes, and incorporating documentation of these meetings into the TM and later reports.

The Consultant will prepare materials and provide two presentations to Zone 7's Board of Directors: the first presenting information from Tasks 1 through 3 and the second from Tasks 4 through 7. The first presentation will be held before proceeding from Task 3 to Task 4, the second will be held after the second stakeholder meeting.

The TM shall include detailed documentation of the work included in Tasks 1 through 7. The TM will be presented in draft prior to the second stakeholder and Zone 7 Board meeting and finalized after receiving feedback from stakeholders and Zone 7's staff and Board of Directors. All draft and final submittals will be electronic in Microsoft Word and PDF formats.

Deliverables and Meetings:

- Materials to support presentation to two (2) stakeholder meetings, as described above.
- Materials to support presentation at two (2) Zone 7 Board meetings, as described above.
- Administrative draft, draft, and final versions of an interim Technical Memorandum (TM) presenting detailed documentation of Tasks 1 through 7 above. All draft and final TM versions will be submitted electronically in Microsoft Word and PDF formats.
- Meetings will include planning calls and remote meetings to coordinate and plan for all stakeholder outreach and Zone 7 Board meeting presentations in addition to the stakeholder and Zone 7 Board meetings. Consultant shall include scope and budget for all meetings and presentations.

TASK 9. DEFINE AND COORDINATE MODEL SIMULATION OF FUTURE PUMPING

Consultant shall develop information to support simulation of well production from existing and potential new wells to meet future demands and coordinate with Zone 7's modeling consultant to model up to three (3) individual future pumping scenarios. As noted above, Zone 7 will be updating the HCM and numerical model for the Basin and running the Well Master Plan model simulations under a separate contract. The Consultant will work with Zone 7 and their modeling consultant to develop the information required to prepare model inputs for up to three (3) individual future pumping scenarios using some or all of the well locations identified in the preceding tasks. Zone 7 and the modeling consultant will determine which version of the model is appropriate for these simulations and the modeling consultant will be responsible for running the model and presenting the results to Zone 7 and Consultant. It will then be Consultant's responsibility to evaluate the model results to identify which scenarios meet Zone 7's objectives, including those developed in Task 1 and those listed below:

- Meet 2045 water demand
- Minimize subsidence potential
- Maintain groundwater levels and storage within Zone 7's SGMA minimum thresholds



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- Minimize interference between wells
- Minimize PFAS treatment needs
- Provide climate change resilience

It is not anticipated that Consultant will have direct access to the numerical groundwater model during this task.

Deliverables and Meetings:

- Deliverables for this task will be included in Task 11.
- Consultant shall include scope and budget for meetings to address the items listed above in coordination with Zone 7 staff and the modeling consultant.

TASK 10. DEVELOP FINAL WELL LOCATION RANKING

Consultant will refine the well location ranking from Task 4 in consideration of the modeling results from Task 9 and prepare a final ranking of the well locations. The final ranking should provide Zone 7 with clear and complete information to plan for future well construction throughout the Basin. As noted above, identified locations may not be available when the need for new wells arises. The final ranking should provide sufficient information to allow Zone 7 to evaluate alternative locations or move on to lower ranked wells in the vicinity in the event that the highest ranked location is not available.

Deliverables and Meetings:

- Deliverables for this task will be included in Task 11.
- Consultant shall include scope and budget for meetings to address the items listed above in coordination with Zone 7 staff and the modeling consultant.

TASK 11. STAKEHOLDER AND ZONE 7 BOARD MEETINGS AND TECHNICAL MEMORANDUM (TM) SUMMARIZING TASKS 8 THROUGH 10

Consultant shall develop materials and present at a stakeholder outreach and a Zone 7 Board meeting and prepare a TM for Tasks 8 through 10. As in Task 7, Consultant shall be responsible for working with Zone 7 staff to, scheduling the stakeholder outreach meeting, developing the meeting agenda and technical presentation, maintain attendance lists, prepare meeting minutes, and incorporate documentation of the meetings into the TM and later reports. In addition, the Consultant will prepare materials and provide a presentation to Zone 7's Board of Directors illustrating the results of Tasks 8 through 10. The Zone 7 Board meeting presentation will be scheduled to occur after the second stakeholder meeting in this task.

The TM for this task shall document the work and results from Tasks 8 through 10 in sufficient detail to be understandable to Zone 7 and stakeholders and allow Zone 7 to use and or repeat the work as necessary. The TM will be presented in draft prior to the stakeholder and Zone 7 Board meeting and finalized after receiving feedback from stakeholders and Zone 7's staff and Board of Directors. All draft and final submittals will be electronic in word and PDF formats.



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Deliverables and Meetings:

- Materials to support presentation to a stakeholder meeting, as described above.
- Materials to support presentation at a Zone 7 Board meeting, as described above.
- Administrative draft, draft, and final versions of a second interim TM presenting detailed documentation of Tasks 9 and 10 above. All draft and final TM versions will be submitted electronically in Microsoft Word and PDF formats.
- Meetings will include planning calls and remote meetings to coordinate and plan for all stakeholder outreach and Zone 7 Board meeting presentations in addition to the stakeholder and Zone 7 Board meetings. Consultant shall include scope and budget for all meetings and presentations.

TASK 12. PREPARE WELL IMPLEMENTATION PLAN

In consultation with Zone 7, Consultant shall prepare a well implementation plan that includes recommendations and schedules for exploratory borings, wells, associated infrastructure, and treatment system construction for all planned wells.

This task shall include identification of locations for pilot borings for all selected wells required to meet future water demands. Pilot borings should be located to efficiently provide information that can be used to assess the feasibility of potential new well sites. Individual pilot borings may not be required for all well locations; a single boring may suffice when well locations are close to one another. Consultant shall provide recommendations for pilot borehole drilling and testing, including drilling method, borehole depth, borehole diameter, and testing procedures. In addition, Consultant shall provide criteria against which to evaluate the results of borehole drilling and testing that clearly illustrate when a location is adequate for the intended purpose and under what circumstances a location is not appropriate for construction of a water supply well.

Consultant shall also develop conceptual designs for all well locations and types identified in preceding tasks. This need not include individual designs for each specific well location but should instead include conceptual designs for wells grouped by location and type. Conceptual designs should be as complete as possible, and are expected to include:

- Well and facility locations and types
- Criteria for well site investigation and well design procedures
- General well and associated infrastructure design
- General treatment facility requirements and description(s)
- Specific description of recommended wells, associated infrastructure, and treatment by well location and type
- Summary of regulatory compliance requirements for all wells, infrastructure, and water treatment
- Engineers detailed cost estimates including itemized cost breakdown for all recommended wells including property acquisition, well construction associated infrastructure construction, and treatment for each well location and type

Deliverables and Meetings:

- The deliverable for this task is expected to be a conceptual design report including the information listed above along with supporting information, maps, and graphics.



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- The conceptual design report will be submitted in administrative draft and presented to Zone 7 staff in a workshop, then revised in a draft for stakeholder and Zone 7 Board of Directors review prior to finalization.
- All draft and final submittals will be electronic in Microsoft Word, Microsoft Excel (cost breakdown tables), and PDF formats.

TASK 13. PREPARE AND PRESENT WELL MASTER PLAN

Consultant shall prepare a comprehensive Well Master Plan incorporating and documenting all preceding tasks. The Well Master Plan should be a stand-alone document that includes all components of the project from objecting identification and stakeholder outreach through the well implementation plan. Interim work product should be appended to the Master Plan but should also be summarized in the text in sufficient detail to provide planning guidance to Zone 7 through the 2045 planning horizon.

Deliverables and Meetings:

- The Well Master Plan will be delivered electronically as an administrative draft along with a presentation to Zone 7 staff. Comments from staff will be incorporated into a draft version for stakeholder and Zone 7 Board of Directors review and comment prior to finalization.
- All draft and final submittals will be electronic in Microsoft Word and PDF formats.

TASK 14. PROJECT MANAGEMENT

Project management should include routine communications with Zone 7, monthly progress meetings and reporting, and maintenance of overall project budget and schedule including percent completion of tasks and monthly budget balance. Upon notice to proceed, Consultant shall organize a project kick-off meeting to discuss the scope of work and project roles and responsibilities and schedule monthly progress meetings. All key members of Consultant's team must be present at the kick-off meeting. Monthly progress meetings will be held virtually at a mutually agreed time. Consultant is free to select which team members, in addition to the Project Manager, attend monthly progress meetings. Monthly progress reports shall accompany invoices and include sufficient detail for Zone 7 to track progress by task and present expected upcoming activities for all active tasks.

Deliverables and Meetings:

- Deliverables for this task include monthly progress reports, agenda and minutes for project kick-off and monthly meetings, and schedule updates as needed.