

**REVISED REQUEST FOR
QUALIFICATIONS (RFQ)
GROUNDWATER SUSTAINABILITY PLAN (GSP)
FOR
SAN LUIS REY VALLEY GROUNDWATER BASIN
SAN DIEGO COUNTY, CALIFORNIA**

REVISION DATE: July 13, 2020

RFQ Issued: March 27, 2019

Pre-Submittal Meeting: April 14, 2019, 1:00 p.m.

Initial RFQ Submission Deadline: 4:30 p.m., May 15, 2019

Yuima Municipal Water District

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FIGURES

- I Upper San Luis Rey Valley Groundwater Sub-Basin

1. BACKGROUND

On September 14, 2014, the Governor of California signed into law California Senate Bills 1168 and 1319, and California Assembly Bill (AB) 1739 (collectively, the "Sustainable Groundwater Management Act", or "SGMA"). In accordance with SGMA, the County of San Diego (County), Pauma Valley Community Services District (Pauma Valley CSD), Upper San Luis Rey Resource Conservation District (USLRRCD), and Yuima Municipal Water District (Yuima MWD) formed a multi-agency Groundwater Sustainability Agency (GSA) for those portions of the San Luis Rey Valley Groundwater Basin required to be managed per SGMA. As required by SGMA, the objective of the GSA will be to prepare a Groundwater Sustainability Plan (GSP) that will address and provide a roadmap to reach groundwater sustainability in the Upper San Luis Rey Valley Subbasin (Basin No. 9-7.001) ("Basin") within 20 years.

Per SGMA (e.g., Water Code, § 10727.2) and the Emergency Regulations for GSPs and Alternatives¹ (Emergency Regulations) approved by the California Water Commission on May 18, 2016, the GSP must include a physical description of the Basin, including groundwater levels, groundwater quality, subsidence, and information on groundwater and surface water interaction; data on historical and projected water demands and supplies as well as other pertinent information. In addition, the GSP must identify the specific projects and management actions that the local governments and water supply agencies will evaluate for implementation over the planning and implementation horizon, as needed, to prevent undesirable results; measurable objectives for monitoring GSP effectiveness; data monitoring, management and reporting provisions; and the milestones for GSP implementation.

GSPs are prepared by GSAs and submitted to the California Department of Water Resources (DWR) for approval. A GSP for the Upper San Luis Rey Valley Groundwater Sub-Basin (Basin No. 9-7.001) (See Figure 1) must be adopted and submitted to DWR by January 31, 2022.

2. BASIN INFORMATION

According to DWR's *California's Groundwater: Bulletin 118 (Bulletin 118)*, the medium-priority Basin (Number 9-7, which has been divided by DWR into Sub-Basins 9-7.001 and .002.) extends from the confluence of the San Luis Rey River and Paradise Creek continuing downstream through four valleys (Pauma, Pala, Bonsall and Mission) and ending at the Pacific Ocean in the City of Oceanside (Figure 1). Based on prior decisions by the State of California for the San Luis Rey Valley Groundwater Basin, the groundwater in the Mission, Bonsall, and Pala Subbasins, located downstream of Frey Creek, have been determined to be a subterranean stream flowing through known and definite channels. SGMA specifically excludes subterranean streams from its requirements, though impacts on surface waters of groundwater extraction will need to be evaluated in the GSP. The "Pauma Subbasin" extends from the confluence of the SLR River and Paradise Creek to the Agua Tibia Narrows near the confluence of the SLR River and Frey Creek. The "Pala Subbasin" extends from the Agua Tibia Narrows to Monserate Narrows.

During August, 2018 the Legislature passed, and the Governor subsequently signed, AB 1944, which redefined the boundaries of the San Luis Rey groundwater basins to become just the Upper Subbasin and the Lower Subbasin, with the boundary between the two being the Monserate Narrows immediately East of Interstate 15. In addition to complying with SGMA and the Emergency Regulations, the implementation measures of the GSP will need to meet the needs of the local agencies and other groundwater users in the Upper Subbasin of the Basin, including Tribal entities. The consultant will also be required to provide support for comprehensive stakeholder involvement which will include regularly scheduled public meetings to aid in developing the GSP.

3. REQUEST FOR QUALIFICATIONS

This RFQ is being issued by the Yuima MWD to retain professional consulting services, appropriately licensed by the State of California (Emergency Regulations Section 354.12), to prepare a GSP for the Upper San Luis Rey Valley Groundwater Sub-Basin. It is anticipated that the contract which will be developed with the chosen consulting team will only allow work to be performed following the issuance of Task Orders or Notices to Proceed by Yuima. It is anticipated that the initial Task Order will be issued shortly following contract execution and will call for the consultant to perform the tasks necessary to complete the Data Development phase of the overall GSP. Subsequent task orders will be issued for the consultant to perform the additional tasks necessary to complete the development of the final GSP.

Yuima MWD will not pay for any costs incurred in preparation and submission of the qualifications, or in anticipation of a contract.

4. QUALIFICATIONS SUBMISSION DEADLINE

Revised Submittals shall be emailed to Amy Reeh at the following email address before 4:30 pm July 27, 2020.

Amy @yuimamwd.com

Submittals shall be clearly marked as follows:

Revised Qualifications for Preparation of a Groundwater Sustainability Plan for the Upper San Luis Rey Valley Groundwater Sub-Basin of the San Luis Rey Valley Groundwater Basin.

No late submission will be accepted for any reason. No exceptions will be allowed.

5. QUALIFICATION SUBMITTAL REQUIREMENTS

Each revised submittal shall be limited to the maximum number of pages listed for each section. Qualifications shall be submitted via email to Amy Reeh at amy@yuimamwd.com.

i. Cover Letter (Maximum: 1 page)

Include in the cover letter, the office location where the project will be managed, and the name, title and location of the project manager.

ii. Revised Statement of Qualifications (Maximum: 5 pages)

Provide a summary demonstrating the offeror's and any subconsultants unique qualifications necessary to prepare a GSP and provide services and support related to any other SGMA needs of stakeholders within the Upper San Luis Rey Groundwater Sub-Basin. The revised summary needs to respond to the changes in the RFQ but otherwise need not be revised by the Consultant.

iii. Project Team (Maximum: 2 pages per resume, No section page limit)

Include an organization chart illustrating the key project team members, the firms they are affiliated with, and the role each will serve on the project; clearly identify the name and title of the proposed project manager; provide a brief resume demonstrating qualifications for successfully completing this work for each key project team member, their office location, and a brief summary for each proposed sub-consultant firm. The final contract will include a commitment of time and participation by the key staff identified by the consultant to be important to the objectives of the GSP for the study area. There is no requirement to revise the Project Team component unless the Consultant desires to update their proposed team from the last submission.

iv. Project Experience (Maximum: 5 pages)

Include a description for at least five projects that demonstrate the qualifications of the firm to prepare a GSP for the Basin. Responding firms should specifically describe which GSAs they are currently under contract to perform work for, any other SGMA-related work, and/or groundwater management experience that would be pertinent to prepare a GSP for the Basin. Indicate the key project team members for each project or SGMA related experience described. There is no requirement to revise the Project Experience component unless the Consultant desires to update their experience from the last submission.

v. Project Approach (Maximum: 20 pages)

Provide a description of the proposed tasks that will be required or recommended to complete a legally compliant GSP for the Basin. Identify those tasks that will involve significant input and participation from stakeholders/public and those tasks that will require significant decisions from the Upper San Luis Rey Executive Team (“Executive Team”)¹ Describe the

¹ The Executive Team is composed of appointed representatives from the three members of the Upper San Luis Rey GSA, Yuima, Pauma Valley CSD, and the Upper San Luis Rey Resource Conservation District. Representatives of the San Luis Rey Indian Water Authority, Valley Center Municipal Water District, Pauma Municipal Water

proposed approach for implementing SGMA and the Emergency Regulations with respect to preparing the GSP. Describe projects and management actions (“PMA”) milestones, appropriate deliverables, and important decisions to be made by the Executive Team that will be necessary to complete a GSP for the Basin. Include a project schedule/Gantt chart. The target completion date for the GSP is December 31, 2021.

Drawing upon GSPs or approved alternatives that have already been prepared in California, including but not limited to plans in the Central Valley, Ventura County, Borrego Springs, and other pertinent locations where GSPs or alternatives have already been submitted to DWR, the consultant will be required to recommend a suite of PMAs that can potentially be taken by the GSA to ensure the Upper San Luis Rey Valley Sub-Basin achieves sustainability by the conclusion of the SGMA implementation period of twenty years. The Consultant will also be required to recommend sustainability projects and appropriate enforcement mechanisms in the GSP where undesirable results are identified by the GSA.,. The Consultant should also demonstrate qualifications to recommend funding strategies for incorporation into the GSP that will ensure the GSA has a consistent and adequate source of funding to support future GSA activities and implementation of PMAs. The selected consultant is expected to demonstrate a clear understanding of the jurisdictional complexities, asserted water rights, unique geologic and hydrogeological characteristics of the entire San Luis Rey Valley Basin, state requirements and stakeholder concerns specific to the Pala and Pauma Subbasins (Upper Subbasin).

The Project approach must also include a description of how the GSP will satisfy all of the requirements of the grants that Yuima currently administers for development of a GSP within the Sub-Basin.

Portions of the La Jolla, Pala, Pauma, and Rincon Tribes are located within the Upper Subbasin. The San Pasqual Tribe is also located in the vicinity of the Upper Subbasin. The GSP and GSA will need to consider and respect federally reserved water rights to groundwater as part of the management of the Basin. A confidentiality agreement between the consultant and tribes (as well as other pumpers) may be required in order to ensure the consultant can obtain pumping, well elevation, and other data to complete the GSP,

Time is of the Essence: The ability of the consultant to execute on preparation of the GSP quickly, without substantial time to get up to speed, for development and completion of the GSP, utilizing approaches submitted by GSAs in other critically over drafted basins, will be a significant factor in determining the best qualified consultant to prepare the GSP.

vi. References (Maximum: 2 pages)

Provide contact names and phone numbers for at least three (3) references for similar projects that the Proposer has performed related services within the last five years. Please include a brief description of the services provided, the duration of the project, the

District, and Rainbow Municipal Water District have also been invited to join the Executive Team in an ex officio capacity.

completion status of the projects, the total contracted fee for the project, and the agency contact name, title, phone number, and email. The consultant may update references but is not required to do so.

vii. Conflict of Interest

Provide a discussion of any potential conflicts of interest the firm may have in performing this work for the GSA and any work currently being done or previously performed for any of the stakeholders, water rights holders, or land owners in the San Luis Rey Basin. Stakeholders are defined as all governmental and Tribal interests within the San Luis Rey Valley Groundwater Basin, as well as any major landowner or business within said area.

viii. Fee Schedule and Cost Proposal (No page limit)

Include a fee schedule listing the billing rates for all classifications of personnel and sub-consultants that may be assigned to the project. Be advised that the fee schedule shall be included as an attachment to any contract that may result from this selection process, and, therefore, the fee schedule should reflect billing rates that will remain in effect through January 31, 2022. A total cost proposal must also be submitted based upon the submitted fee schedule which provides the total estimated cost for the proposing consultant to complete the GSP in compliance with the requirements identified herein.

All work associated with the preparation of the GSP and other tasks assigned by Yuima MWD shall be performed on a time and materials basis with a Cost Not to Exceed provision, which shall be negotiated with the successful consultant and included in the Executed Agreement for the subject work under individual Task Orders to be reviewed and approved by Yuima MWD. All work shall be completed to the satisfaction of Yuima MWD and the Executive Team within the time periods allocated for each Task Order and within the budget assigned to each Task Order.

6. QUALIFICATION REVIEW AND SELECTION PROCESS

Consistent with the amended MOU, Yuima MWD and the Executive Team will select a GSP consultant based upon their determination of who is best qualified to perform the work in a timely and cost-effective manner.

7. SCHEDULE

A fully executed agreement with the selected firm(s) is anticipated by July 31, 2020.

8. CONTACT INFORMATION

All comments and questions regarding this RFQ shall be made in writing via email or U.S. Mail to Yuima MWD at:

amy@yuimamwd.com

Yuima Municipal Water District
P.O. Box 177
Pauma Valley, CA 92061-0177

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SGWP Grant and IRWM DACI Grant Tasks Comparison

IRWM DACI Grant			SGWP Grant		
Task	Title	Activities	Task	Title	Activities
4.1	Project Management		Cat A	Grant Administration	
		Quarterly progress reports and invoices, and Needs Assessment Project Management and Grant Administration to be done by Yuima Staff.			Manage grant agreement; Submit invoices; Quarterly progress reports. Includes administrative responsibilities associated with the Project such as coordinating with DWR, partnering agencies, and consultants/contractors. Project Management and Grant Administration to be done by Yuima Staff
4.2	DAC Outreach		Cat B	GSP Development	
4.2a	Community Outreach – GSP	Quarterly stakeholder outreach and community engagement activities during GSP preparation; Prepare background materials on SGMA implementation and GSP process; outreach and Executive Team meetings held with local agencies and public to discuss GSP components; consensus approach to necessary projects and management actions	1	Monitoring Program and Data Management System	Evaluate existing monitoring network; recommendations on expanding network; develop an ongoing monitoring program to including water level monitoring and water quality sampling throughout GSP implementation phase; develop a data management system to store and report information relevant to the GSP and basin monitoring
			2	Water Level and Quality Data – Pala Subbasin	Conduct water level monitoring and groundwater quality sampling of wells in areas where pumping and water-level decline are greatest in the Pala Subbasin; includes aquifer testing on wells and evaluation of aquifer parameters
4.3	Planning				
4.3a	Existing Data Compilation and Assessment	Collection and assessment of data, including reports, plans, studies, models, well information, basin condition, pumping records, groundwater elevation, water quality, stream gauging, precipitation, water rights summary, water demand, etc.; prepare tech memo	3	Groundwater Sustainability Plan (GSP) Development	Prepare Draft GSP that meets SGMA regulations and DWR requirements, including, but not limited to, the sections outlined below.
4.3b	Water Level and Quality Data	Conduct quarterly water level monitoring and semi-annual water sampling/analysis of wells in groundwater monitoring network in Pauma Subbasin	3.1	Plan Introduction	Purpose of GSP; Summarize Sustainability Goal; Admin/Agency Info; GSP organization
4.3c	Water Budget	Develop hydrogeologic flow model/water budget for Subbasins to simulate current conditions in groundwater system regarding water levels and water quality for model to predict future impacts; forms basis for understanding sustainable use of basin	3.2	Plan Area	Describe geographical and jurisdictional areas and other features, including, water resources monitoring/management program; general and land use plans; additional GSP element; communication section how GSP may change water demands; etc.
			3.3	Basin Setting – Pala Subbasin	Analyze current and historical groundwater conditions, including groundwater elevation data, estimate of groundwater storage, groundwater quality issues. Develop and analyze water budget for current, historical and future conditions of the Pala Subbasin; provide information on Management areas. Combine the Pala Subbasin information with the Pauma Subbasin for inclusion in GSP
			3.4	Hydrogeologic Conceptual Model	Create a hydrogeologic conceptual model for both the Pala and Pauma Subbasins to include in GSP; develop the hydrogeologic flow model to simulate current conditions and future impacts to the groundwater system regarding water levels and water quality; model will consider both surface and groundwater data and run predictive simulations to determine effects of recharge and extraction on levels and quality along with implementation measures detailed in GSP; prepare an assessment of sustainable management that will detail proposed projects and management action necessary to bring the SLR Basin into sustainability

IRWM DACI Grant			SGWP Grant		
Task	Title	Activities	Task	Title	Activities
			3.5	Sustainable Management Criteria	Identify and evaluate Sustainability Management Criteria based on hydrogeologic conceptual model, groundwater conditions and water budgets. Include: Sustainability Goals, Measurable Objectives; Minimum Thresholds; Undesirable Results; Monitoring Network
			3.6	Projects and Management Actions to Achieve Sustainability Goal	Develop and analyze projects and management actions to achieve sustainability goal. Include: identified projects and management actions, management scenarios, project schedule and time accrual of expected benefits, and cost estimates and plan to meet costs
			3.7	GSP Implementation	Prepare and plan for GSP implementation. Include: Estimate of GSP implementation costs, schedule for implementation, annual reporting; and process for required periodic evaluations
			3.8	Groundwater Sustainability Plan	Prepare Draft GSP utilizing data and results obtained from modeling and basin analysis that identifies activities and recommended implementation measures needed to meet groundwater sustainability requirement in the SLR Basin. Distribute Draft GSP to appropriate parties for review/comment prior to finalizing; collect/evaluate comment, provide responses to comments, and incorporate revisions into the Final GSP.