



Extension of Hydrogeological Support Services

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Background

- Considerable backlog of groundwater development projects requires outsourcing of hydrogeological tasks through adjunct staff
- Backlog is primarily due to:
 - Increase in hydrogeology based projects and programs
 - Success in acquiring grant funding for projects
 - Limited number of specialized staff
 - Ongoing daily technical support needs
- Jacobs Engineering Group Inc., (Jacobs) was competitively selected for on-call services
- Initial contract with Jacobs to provide “extension of staff” services for four months

Hydrogeological Workload 2019-2020

- Perris North Basin Groundwater Contamination Prevention and Remediation Program
 - Perris North Basin Implementation Plan
 - Groundwater modeling to track movement of plumes near MARB under various pumping scenarios
- Perris South modeling with U. S. Army Corps of Engineers
- Perris II Reverse Osmosis Treatment Facility (Perris II ROTF)
 - Monitoring and Reporting Plan (MRP)
 - Monitoring wells siting, design, and construction
 - Groundwater production wells siting, exploratory drilling, and site acquisition
- Purified Water Replenishment (PWR) groundwater modeling
- Lakeview Water Banking - Recharge Feasibility Study
- San Jacinto Water Banking Enhanced Recharge Recovery Program
 - Wells 206 and 207 drilling and testing
 - 11 monitoring wells

Hydrogeological Support Services Scope

Proposed extension of Jacobs services by six months :

- Serve as overall project manager for new monitoring well installations, new production well installations, groundwater flow and solute transport modeling, groundwater recharge facility siting, and groundwater quality monitoring pilot studies
- Manage consultants completing hydrogeological documentation, including review and comment on technical studies and deliverables
- Assist with providing internal hydrogeological support on well rehabilitation and testing, construction project dewatering, and sanitary sewer overflows as needed
- Prepare request for proposals and assist with the procurement process for groundwater development projects and programs

Recommendation

Approve and Authorize execution by the General Manager, or his designee, of an Amendment to the Agreement with Jacobs Engineering Group, Inc., for Hydrogeological Support Services for an additional amount of \$240,353.



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