

AMENDMENT TO CONTRACT GREATER THAN \$25,000

This Amendment to the Contract identified below, between the Vina Groundwater Sustainability Agency and the Contractor identified below, reflects the mutual agreement between the parties to amend this Contract in consideration for the mutual promises contained herein.

Amendment Number	0001	Date of Amendment	5/14/2025
Contract Number	VX0002	Date of Contract	3/13/2024
Contractor	Larry Walker Associates		
Previous Contract Price	\$695,000	<input type="checkbox"/> Fixed Price	<input checked="" type="checkbox"/> Not-to-Exceed Price
Net Change This Amendment	\$704,000	<input type="checkbox"/> Fixed Price	<input checked="" type="checkbox"/> Not-to-Exceed Price
Revised Contract Price	\$1,399,000	<input type="checkbox"/> Fixed Price	<input checked="" type="checkbox"/> Not-to-Exceed Price
Current Completion Date	April 15, 2026		
Revised Completion Date	March 30, 2027		

Description of Additional Changes: Increases the Contractor’s responsibility in the original scope of work sections; Task 3 and Task 5. Also adds CalSIP Component: Stream Gage Enhancements Project. Expands Budget and Timeline in order to accommodate additional responsibilities. All changes are reflected in the amended Attachment III, Scope of Work.

Addition to the Scope of Work:

Task 2: Removes deliverable: Draft Application for DWR Technical Support Services Program, since this activity is not eligible for reimbursement by the grant.

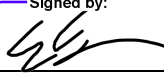
Task 3: Increase number of multi-completion wells from a minimum of one to two and the number of shallow wells from a minimum of 9 to ten.

Task 4 and 5: Adds Final GSP Amendments and Periodic Evaluation as new deliverable

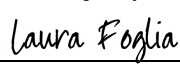
Task 5: Adds information requirements to complete the GSP Periodic Evaluation.

CalSIP Component: Adds Contractor responsibility to meet the requirements of the CalSIP grant which will be performed in conjunction with the existing activities of the SGM tasks initially in the contract. This component adds Contractor responsibility for Reporting, Invoicing, Permitting, Installing Equipment, Operation and Maintenance of Installed Equipment, Data Collection, and Reporting Data.

All other terms of this Contract shall remain in full force and effect and are hereby reaffirmed as originally stated or as previously amended by prior written amendment to this contract.

Signed by:  5/30/2025

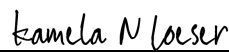
D9549FE039264DC
Evan Tuchinsky **Date**
 Chair, Vina Groundwater Sustainability Agency

DocuSigned by:  5/21/2025

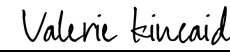
03253759E3024E2
Laura Foglia, Vice President **Date**
 Larry Walker Associates

REVIEWED FOR CONTRACT POLICY COMPLIANCE
Kamie Loeser
 Management Committee Representative

APPROVED AS TO FORM
Valerie Kincaid
 GSA Legal Counsel

Signed by:  6/2/2025

7C838AF655C9409...
Kamela N Loeser **Date**

Signed by:  6/3/2025

75DDE669305E4D2...
Valerie Kincaid **Date**

**ATTACHMENT III (Amendment 1)
Scope of Work**

COMPONENT 2: GSP UPDATES, DATA GAPS, AND OUTREACH SCOPE

Component 2 consists of the installation of monitoring sites and dedicated monitoring equipment, to expand the understanding of basin conditions in the Vina subbasin and address data gaps as identified in the Groundwater Sustainability Plan (GSP). In aggregate, project tasks will help expand the understanding of the hydrogeology and hydrology in the Subbasin to support updates to the GSP and successful management of the subbasin.

Additionally, the project focuses on improving the understanding of the domestic well conditions in the Subbasin by performing an in-depth review of the domestic wells in the Subbasin and by creating a Community Monitoring Program with dry well tracking. In aggregate, project tasks will help expand the understanding of the domestic well conditions in the Subbasin. The project includes preparation of the five-year GSP Periodic Evaluation and tasks to address recommended corrective actions identified by DWR in the Determination Letter for the Vina GSP.

The public and interested parties will be informed of the activities associated with this project through regular Stakeholder Advisory Committee Meetings, meetings of the GSA Boards, public workshops, and regular email correspondence to the interested parties list, similar to the approach taken during GSP development. In addition, targeted outreach will be conducted to stakeholders near and around the monitoring sites.

Category (b): Environmental / Engineering / Design

Task 1: Landowner Access Agreement/Site Access

CONTRACTOR shall work with landowners to identify and secure site locations for new monitoring infrastructure or equipment. CONTRACTOR and GSA shall work together to acquire landowner access agreement(s) required to install monitoring wells, piezometers, and stream gages if applicable. Any access agreements obtained shall allow for adequate long-term, access for construction and maintenance of the well, piezometer, or stream gage.

Deliverables:

- Landowner access agreement(s)

Assumptions:

- GSA staff will play a limited role in landowner contacts and coordination
- Landowner access agreements will be reviewed and approved by GSA legal counsel

Task 2: Multi-Completion Monitoring Wells, Shallow Wells and Stream Gages Planning

CONTRACTOR shall conduct planning and design activities associated with the multi-completion monitoring well installation, shallow well or piezometer and stream gage installation/maintenance within the Subbasin. Monitoring well planning will consider data gaps identified in the Vina Groundwater Sustainability Plan and monitoring needs of other projects that are underway in the Vina subbasin, including the Lindo Channel Project. Task 8 activities will be coordinated with overall monitoring well planning conducted under this task.

CONTRACTOR shall perform a technical assessment of potential monitoring well locations, associated costs, and landowner participation to determine the final number and location of

monitoring wells to be installed, and the final number of completions to be included in each monitoring well. Locations for additional monitoring wells will be identified for inclusion in a DWR Technical Support Services application. CONTRACTOR shall draft application content and will coordinate well drilling/monitoring activities with DWR's Technical Support Services (TSS) Program, as feasible.

CONTRACTOR shall acquire necessary permits required for the installation of the wells, piezometers and gages and any additional permits, as required.

CONTRACTOR shall prepare the environmental documentation, as required, under CEQA with the County Clerk's Office and State Clearinghouse. CONTRACTOR shall submit the CEQA document(s) to the GSA who will work with the DWR Grant Manager for review and concurrence prior to beginning construction. Construction may not begin and no costs for Category (c) may be incurred until an exemption from CEQA is granted, or the State has reviewed the CEQA document(s), completed its CEQA responsible agency obligations and given its environmental clearance. CONTRACTOR shall wait for Notice to Proceed before construction begins.

Deliverables:

- Map of recommended locations for monitoring wells, piezometers and gages for GSA approval
- Required environmental documentation for CEQA compliance
- Copies of required permits

Category (c): Implementation / Construction

Task 3: Multi-Completion Monitoring Wells, Shallow Wells and Stream Gages Installation

CONTRACTOR shall conduct a competitive bid process, including develop bid documents, prepare advertisement and contract documents for construction contract bidding, conduct pre-bid meeting, bid opening and evaluation, selection of the contractor, award of contract for the selection of a contractor to install wells and gages, as applicable. CONTRACTOR shall coordinate with GSA to publicly advertise bid in accordance with the requirements for public bidding for construction and prepare an engineer's estimate. Received bids will be reviewed and a recommendation for award made. CONTRACTOR shall send a Notice of Intent to Award to the selected bidder(s) and submit a Notice(s) to Award.

CONTRACTOR shall manage the selected contractor to install a minimum of two (2) multi-completion monitoring well with a minimum of two (2) vertical zones per well. CONTRACTOR shall assess the Hydrogeologic Conceptual Model (HCM) to decide the number of screen intervals, water conditions, well locations, water trends and conditions, and access agreements. CONTRACTOR shall install a minimum of three (3) new surface water flow monitoring sites and install a minimum of ten (10) new shallow monitoring wells. CONTRACTOR will assess the HCM to decide the final well design including the depth and distance of the wells from stream gages, water conditions, data gaps, water trends and conditions, and access agreements.

Construction may not begin and no costs for Category (c) may be incurred until an exemption from CEQA is granted, or the State has reviewed the CEQA document(s), completed its CEQA responsible agency obligations and given its environmental clearance. CONTRACTOR shall

wait for GSA to provide Notice to Proceed before beginning category (c) tasks. CONTRACTOR shall install stream gages and provide construction management support during well drilling. The GSA will contract directly with the well driller(s).

Any costs incurred for Category (c) prior to an exemption from CEQA is granted, or DWR gives its environmental clearance shall not be reimbursed and any such amounts shall be deducted from the total contract amount.

Deliverables:

- Bid documents
- Installation Plan for GSA approval
- Notice of award
- Well permits, if applicable
- Notice to Proceed (to well contractor)
- Photos of completed wells
- Well completion reports
- 100% Design, plans and specifications
- Surface and groundwater monitoring site summary report

Assumptions:

- GSA will provide Notice to Proceed to CONTRACTOR once DWR provides concurrence on environmental documentation and approval for category (c) construction activities to begin.

Category (d): Monitoring / Assessment

Task 4: Response to DWR GSP Determination

CONTRACTOR shall identify key aspects of the GSP to modify in response to DWR's determination letter received in July 2023. CONTRACTOR shall work with GSA staff, advisory committees, and with the Vina GSA and Rock Creek Reclamation District GSA Boards to determine how corrective actions will be addressed and to develop amendments to the GSP. Corrective actions were listed that must be addressed by the time of the DWR's periodic review set to begin January 28, 2027. A Draft Amended GSP shall be made available for public review and comment prior to March 2026, or as mutually agreed upon.

Deliverables:

- Draft Amended GSP
- Final Amended GSP
- Map files and data sets developed for GSP amendments

Task 5: Draft Periodic Evaluation of the GSP

CONTRACTOR shall develop the Periodic Evaluation to accompany the amended GSP, for submittal to DWR before January 2027, as part of the required 5-year Periodic Evaluation. The draft Periodic Evaluation will be made available for public review and comment prior to March 2026, or as mutually agreed. In addition to other required elements of the Periodic Evaluation, CONTRACTOR shall analyze existing available data in the Chico area and data from new monitoring wells to better understand and define the relationship of the Chico Urban Forest to the shallow groundwater and principal aquifer in the Chico area. CONTRACTOR shall work

with GSA staff, advisory committees, and with the Vina GSA and Rock Creek Reclamation District GSA Boards to develop content for the GSP Periodic Evaluation.

Deliverables:

- Draft GSP Periodic Evaluation
- Final GSP Periodic Evaluation
- Board meeting presentations on GSP evaluations
- Map files and data sets developed for the GSP Periodic Evaluation

Task 6: Gather, Evaluate Data, and Develop Approach for Interconnected Surface Water (ISW) Sustainable Management Criteria

CONTRACTOR shall refine the sustainable management criteria for Interconnected Surface Water to address DWR comments on the Vina GSP related to the technical approach for the use of groundwater levels as proxies for measurable objectives and minimum thresholds. CONTRACTOR will use new data to fill initial data gaps and develop a refined approach to set the Interconnected Surface Water SMC for inclusion in the amended GSP.

CONTRACTOR shall use the Butte Basin Groundwater Model (BBGM), or similar tool mutually agreed upon, to assess ISW loss and gains. Model inputs/outputs will be refined/updated using the new data. An assessment of the loss/gain values will be conducted to determine if they represent the overall interaction between the surface water and groundwater system or if the quantity of depletion is due to groundwater pumping. Estimates of agricultural pumping will be derived using DWR’s Statewide Crop Mapping Datasets, available evapotranspiration estimates (e.g., OpenET), and surface water diversion records. Proposed PMAs will be modeled to determine impacts to ISWs. This task will be coordinated with other GSA modeling activities.

Deliverables:

- Draft and Final Technical Memo or Updated Chapter in GSP
- A copy of the refined/updated BBGM files
- Map files and datasets developed or utilized to develop the SMC

Task 7: Domestic Well Survey

CONTRACTOR shall conduct activities to address the identified data gap related to domestic wells in the Vina Subbasin. CONTRACTOR shall perform a desktop survey of existing domestic well dataset to identify wells with poor construction information and wells with a high potential to go dry. Activities will include field visits to the wells identified to confirm use status and well video surveys on wells in-use with poor construction information. CONTRACTOR shall update current dataset of domestic wells with results of the survey including active domestic wells and their construction information.

Deliverables:

- Technical Memorandum
- Domestic well database

Task 8: Create Community Monitoring Plan and Equip Volunteer Wells with Monitoring Equipment

CONTRACTOR shall create a monitoring program plan for domestic well owners that will include methods for outreach and engagement, identifying and meeting education needs,

identifying methods for data management, and how the plan will be implemented. CONTRACTOR shall purchase and install necessary monitoring equipment to track water levels in eight (8) domestic wells. CONTRACTOR shall support engagement with domestic well owners who volunteer to participate.

Deliverables:

- Map of installed equipment
- Summary of well characteristics

Task 9: Community Monitoring and Dry Well Data and Visualization

CONTRACTOR shall enhance the existing Data Management System (DMS) to house the water levels collected as part of the community monitoring program established under Task 8 and to track dry wells. CONTRACTOR shall coordinate task activities with County DMS development process. CONTRACTOR shall develop a system for verifiably reporting and tracking dry wells and will append community monitoring data to the County DMS.

Deliverables:

- DMS input tables

Category (e): Engagement / Outreach

Task 10: Community Monitoring Program Engagement and Education

CONTRACTOR shall participate in public engagement through two in-person workshops designed to educate participants in the community monitoring program and instruct the GSA on how to use the installed monitoring equipment including how to upload the data to the DMS. CONTRACTOR shall work with GSA to inform interested parties about implementation progress through continued GSP-related outreach, relevant reports, and data. Develop public information materials to be distributed informing the public of the program and how they can participate. Hold workshops to discuss the program and hear the suggestions, questions, and concerns of the community.

Deliverables:

- Informational handouts for up to two workshops

CalSIP Component: STREAM GAGE ENHANCEMENTS PROJECT

Improve stream gage infrastructure and data availability as part of the Stream Gage Improvement Program (CalSIP) funded by the Department of Water Resources (DWR). These tasks and activities are an expansion of work of Component 2, Task 3 funded by the Vina GSA SGM grant.

Task 1. Administration and Planning – Site Selection and Permitting

CONTRACTOR shall identify and confirm a suitable location for the seven (7) new stream gage sites. CONTRACTOR shall review hydrological data, consult with local experts, and conduct field reconnaissance and surveys, as applicable. Sites shall have favorable hydraulic conditions for accurate streamflow measurement at various flow levels, be relatively geomorphically stable for consistent hydraulic conditions over time and be as accessible as possible. CONTRACTOR shall identify the permits, studies, and reports needed for the site and perform all necessary biological, cultural, and other resource field investigations to support the application and

development of needed regulatory environmental permits. CONTRACTOR shall commence the permitting and fieldwork as appropriate. CONTRACTOR shall be responsible for all fieldwork, permit applications, reports, and all elements to secure permits for installation and continued measurements and maintenance of the gages. Permits may include, but are not limited to 404, 401, potentially Central Valley Flood Protection Board (CVFPB) for those in the floodway encroachment, roadway right-of-way encroachment permits (for installation on public bridges), and cultural resources (if excavation is needed). CONTRACTOR shall be responsible for CEQA requirements and compliance as applicable.

CONTRACTOR shall investigate the property and properties that may require access to the site and obtain appropriate authority and approvals for all needed access and work to sustain field operations and maintenance for the site.

CONTRACTOR shall submit monthly invoices, which shall include a detailed description of all work performed during the billing period. CONTRACTOR shall provide written monthly progress reports as part of the invoicing to formally communicate progress, issues, changes, and deliverable status.

Permits and access shall be completed prior to performing field installations or excavations.

Deliverables:

- Monthly invoicing
- Monthly progress reports
- Map of selected sites
- Property Access agreements, as required
- Final CEQA documents, as required
- Permit Approval Documentation, as required

Task 2. Installation – Equipment Installation

CONTRACTOR shall obtain, install, and make operational new stream gage equipment, including sensors, data loggers, power supply, and telemetry systems. This includes selecting appropriate equipment, ensuring compatibility with existing infrastructure, and installing it according to manufacturer specifications and industry standards. The equipment installation process will involve setting up data loggers, sensors, and telemetry systems in secure and weatherproof housing. CONTRACTOR shall ensure that all components are properly connected and configured for optimal performance.

CONTRACTOR shall provide equipment, labor, and materials to install equipment on-site, perform initial flow measurement, and other applicable calibration and equipment testing to transmit data to California Data Exchange Center (CDEC) online data portal. Following initial approvals, obtaining applicable permits, real property rights, and NESDIS(GOES) IDs, CONTRACTOR shall procure applicable equipment, tools, and incidentals to install gage infrastructure, power supply, and sensors, adding surveyed reference gages (outside staff or wire weight) and a minimum of two nearby survey benchmark monuments with established vertical datum (NAVD88). CONTRACTOR shall track equipment purchased and installed for the site. Telemetry configuration and channels for the site shall be documented and gage equipment shall be installed in conjunction with permits and real property rights and follow best practices.

Deliverables:

- Photo documentation of installed and operational stream gage equipment
- Documentation of equipment purchased
- Shapefile with locations of all gage stations

Task 3. Installation – Instrument and Telemetry Setup

CONTRACTOR shall install and calibrate instruments and telemetry systems, ensuring data transmission to the California Data Exchange Center (CDEC). This includes configuring data loggers, calibrating sensors, and testing telemetry systems to ensure reliable data transmission. This task shall be completed by October 1, 2026. Calibration of instruments shall be done according to the manufacturer's specifications. Telemetry systems shall be configured to transmit data in real-time to the specified data portal.

Deliverables:

- Calibration and setup report detailing the configuration and calibration of instruments and telemetry systems.
- Screenshot of data on CDEC.

Task 4. Operations and Maintenance – Flow Measurements

CONTRACTOR shall conduct initial flow measurements and establish a rating curve. CONTRACTOR shall perform ongoing measurements as required. This involves conducting flow measurements using standard methods, analyzing data to establish a rating curve, and scheduling regular measurements for ongoing data collection to refine and develop the stage-discharge rating curve. Initial measurements shall be conducted as soon as reasonably possible (order of weeks); ongoing measurements will be conducted as needed to capture flows at different depths throughout the water year, at extreme events as possible, and to confirm prior measurements. Flow measurements shall be conducted using standard techniques such as the velocity-area method or the use of flow meters. Data collected shall be analyzed to develop a rating curve, which will be used to convert water levels to flow rates. CONTRACTOR shall conduct regular measurements to ensure that the rating curve remains accurate over time.

Annual data reports shall include analysis and interpretation and incorporate measurement data, field records, and curve calculations for data validation.

Deliverables:

- Initial flow measurement data
- Annual Data Report including data files

Task 5. Operation and Maintenance – Stream Gage

CONTRACTOR shall operate and maintain the stream gage site to ensure continuous data collection and equipment functionality. CONTRACTOR shall conduct routine inspections, calibration checks, and necessary repairs to equipment. CONTRACTOR shall implement protocols for data quality assurance and troubleshooting any issues that may arise with the equipment or data transmission systems and shall regularly update and maintain the equipment to adhere to industry standards and manufacturer recommendations.

To provide quality control and quality assurance to the program, for each gage CONTRACTOR shall submit annually, to DWR, for review and approval of the data, the rating curve adjustments, all field observations, and all operational information.

All station records for stage and flow measurements shall be processed and submitted by December 31 of each year for the prior water year (October 1 through September 30). This process is considered the annual “certification” process that signifies the applicable prior-year data is valid and referenced to reflect all adjustments and corrections are correct. A final certification package needs to be provided as a hard copy and electronic copy and shall include the following elements:

- A. Site summary report.
- B. Field notes from all site visits and measurements.
- C. Flow measurement report summary to summarize when, how, and results of flow measurements.
- D. Certification (signature) from a qualified and experienced reviewer (someone who has completed a USGS, or similar course; or professional licensed civil engineer).
- E. Flow measurement sheets.
- F. Rating table documentation, PDF or Excel spreadsheet.
- G. Rating table and discrete flow measurement plots.
- H. Primary computations.
- I. Mean daily gage height summary.
- J. Mean daily flow summary.
- K. Mean daily temperature summary.
- L. Mean daily gage height, water rear plots.
- M. Mean daily gage flow, water year plots.
- N. Mean daily gage water temperature, water year plots.

Deliverables:

- Final Certification package as a hard copy and electronic version

Contractor Compensation:

The maximum amount billable under this contract shall not exceed one million and three hundred ninety nine thousand (\$1,399,000). Billing rates are identified on Attachment III, Exhibit “A”, CONTRACTOR Fee Schedule, attached hereto and incorporated herein. CONTRACTOR shall submit fully delineated invoices by budget category and task monthly to GSA. Using a general overhead percentage is not allowed and shall not be used for invoicing. Expenditures for tasks shall not exceed totals specified in each Budget Category presented in the Cost Breakdown Table.

Costs that are not eligible for reimbursement under this contract include, but are not limited to the following items:

- A. Costs for preparing and filing a grant application and/or spending plan.
- B. Travel and per diem costs, except for mileage.
- C. Meals, food items, or refreshments.

Purchase of monitoring equipment or other materials shall be preapproved by GSA and accompanied by receipts for reimbursement. Total expenses of equipment shall not exceed \$150,000. GSA staff may approve additional funds for equipment as needed.

Invoices: CONTRACTOR shall submit invoices via email to the GSA Project Manager or their designee.

Fully Delineated invoices must include:

- Contract Number
- Date of the invoice
- Invoice number
- Work Performance Period
- Total amount due for the invoice time period
- Invoices must be itemized based on the categories (i.e., Component, budget categories and tasks) specified in the Cost Table. The amount claimed for salaries/wages/consultant fees must include a calculation formula (i.e., hours or days worked times the hourly or daily rate = the total amount claimed).
- Each invoice shall include separate totals due for Component 2 and and CalSIP Component.
- Reimbursable expense receipts; mileage logs
- Subcontractor invoice copies shall be submitted with invoices from Contractor

Upon receipt, review and approval of Contractor invoices, GSA shall authorize County Auditor's Office to make payment within 30 days.

Cost Breakdown Tables

Component 2: GSP Updates, Data Gaps, and Outreach

The proposed Cost Breakdown by task is summarized in Table 1 below. CONTRACTOR shall invoice based on a time and material basis according to CONTRACTOR standard rates. Costs may be transferred between tasks within the same Budget Category as mutually agreed.

Table 1. Component 2 Cost Breakdown by Task.

Budget Category / Task	Cost
Budget Category (a): Administration	
Not Applicable	\$0
Budget Category (a) Subtotal:	\$0
Budget Category (b): Environmental / Engineering / Design	
1. Landowner Access Agreement/Site Access	\$16,364
2. Multi-Completion Monitoring Wells, Shallow Wells and Stream Gages Planning	\$45,636
Budget Category (b) Subtotal:	\$62,000
Category (c): Implementation / Construction	
3. Multi-Completion Monitoring Wells, Shallow Wells and Stream Gages Installation (min. of 2 multi-completion well, 10 shallow wells, and 3 stream gages)	\$175,000
Budget Category (c) Subtotal:	\$175,000
Category (d): Monitoring / Assessment	
4. Response to DWR GSP Determination	\$79,560
5. Draft and Final Periodic Evaluation of the GSP	\$99,450
6. Gather, Evaluate Data, and Develop Approach for Interconnected Surface Water Sustainable Management Criteria	\$238,612
7. Domestic Well Survey	\$88,860
8. Create Community Monitoring Plan and Equip Volunteer Wells with Monitoring Equipment (8 wells)	\$116,160
9. Community Monitoring and Dry Well Data and Visualization	\$14,858
Budget Category (d) Subtotal:	\$637,500
Category (e): Engagement / Outreach	
10. Community Monitoring Program Engagement and Education	\$7,500
Budget Category (e) Subtotal:	\$7,500
Project Total:	\$882,000

Note: Budget Category C, Task 3 excludes \$453,000 to drill a minimum of two (2) multi-completion monitoring wells with a minimum of two (2) vertical zones per well and ten (10) new shallow monitoring wells. The GSA or County will contract directly with the driller(s) awarded the work. The budgeted amount may be adjusted as bids are received. Budget may be moved between tasks within the same Budget Category as mutually agreed. A well installation plan will be developed under Budget Category (c) after bids have been received to get GSA approval of the number of new monitoring sites to be drilled. LWA shall be responsible for installing the stream gages and providing construction management services while drilling.

CalSIP Component: Stream Gage Enhancements

The cost by task is summarized in Table 2 below. CONTRACTOR shall invoice based on a time and material basis according to CONTRACTOR standard rates. Costs may be transferred between tasks as mutually agreed. The billable amount under this Component shall not exceed \$517,000. CONTRACTOR will subcontract to local technical professionals to support instrumentation and site calibration and maintenance activities as needed.

Table 2. CalSIP Component Cost Breakdown by Task

Task No.	Description	Budget
1	Administration / Planning - Site Selection and Permitting	\$75,000
2	Installation - Equipment Installation	\$140,000
3	Installation - Instrument and Telemetry Setup	\$140,000
4	Operations and Maintenance - Flow Measurements	\$129,600
5	Operation and Maintenance - Stream Gage	\$32,400
Total:		\$517,000

Schedule

Component 2: GSP Updates, Data Gaps, and Outreach

The project schedule (Table 2) is based on an anticipated project start date in March 2024 with project completion in December 2026 (i.e., 34-month timeline). The estimated completion time of the project may change (shorten/lengthen) based upon the responsiveness of the other agencies to information requests, design review phases, permitting, contractor availability, procurement lead times (supply chain), and the ability to perform some project tasks concurrently. CONTRACTOR shall inform GSA staff of any schedule changes. All activities reimbursable by the SGM grant shall be completed by December 31, 2026.

Table 2. Component 2 Deliverable Due Dates.

Budget Category	Task Number	Deliverable	Due Date
Budget Category (a): Administration	N/A	N/A	N/A
Category (b): Environmental / Engineering / Design	1. Landowner Access Agreement/Site Access	Landowner access agreement(s)	August 2024
	2. Multi-Completion Monitoring Wells, Shallow Wells and Stream Gages Planning	Draft Application for DWR Technical Support Services Program	June 2024
		Map of recommended locations for monitoring wells, piezometers, and gages for GSA approval	June 2025
		Required environmental documentation for CEQA compliance	June 2025
		Copies of required permits	June 2025
Category (c): Implementation / Construction	3. Multi-Completion Monitoring Wells, Shallow Wells and Stream Gages Installation	Bid documents	May 2025
		Installation Plan for GSA approval	June 2025
		Notice of award	June 2025
		Well permits, if applicable	June 2025
		Notice to Proceed (to well contractor)	June 2025
		Photos of completed wells	October 2025

Budget Category	Task Number	Deliverable	Due Date
		Well completion reports	December 2025
		100% Design, plans and specifications	May 2025
		Surface and groundwater monitoring site summary report	Dec 2025
Category (d): Monitoring / Assessment	4. Response to DWR GSP Determination	Draft Amended GSP	June 2026
		Map files and data sets developed for GSP amendments	January 2027
	5. Draft / Final Periodic Evaluation of the GSP	Draft GSP Periodic Evaluation	June 2026
		Board meeting presentations on GSP evaluations	May 2026
		Map files and data sets developed for the GSP Periodic Evaluation	January 2027
	6. Gather, Evaluate Data, and Develop Approach for ISW SMC	Technical Memo or Updated Chapter in GSP	June 2026
		Draft Tech Memo/Chapter	March 2026
		A copy of the refined/updated BBGM files	January 2027
	7. Domestic Well Survey	Map files and datasets developed or utilized to develop the SMC	January 2027
		Technical Memorandum	August 2025
	8. Create Community Monitoring Plan and Equip Volunteer Wells with Monitoring Equipment	Domestic well database	August 2025
		Map of installed equipment	September 2025
		Summary of well characteristics	September 2025
9. Community Monitoring and Dry Well Data and Visualization	DMS input tables	Dec 2025	
Category (e): Engagement / Outreach	10. Community Monitoring Program Engagement and Education	Informational handouts for up to two workshops	July 2025/March 2026

CalSIP Component: Stream Gage Enhancements Schedule

Task No.	Description	Due Date
1	Administration / Planning - Site Selection and Permitting	March 30, 2027
2	Installation - Equipment Installation	Oct 1, 2026
3	Installation - Instrument and Telemetry Setup	Oct 1, 2026
4	Operations and Maintenance - Flow Measurements	March 30, 2027
5	Operation and Maintenance - Stream Gage	March 30, 2027

Exhibit A: CONTRACTOR Fee Schedule



LARRY WALKER ASSOCIATES, INC.

Rate Sheet Effective July 1, 2024 – June 30, 2025

TITLE	RATE (\$/Hour)	REIMBURSABLE COSTS	
Administrative	\$80	Travel	
Contract Manager	\$150	Local Mileage	Current IRS Rate
Graphic Designer	\$138	Auto Rental	Actual Expense
Project Staff I-C	\$146	Room	Actual Expense
Project Staff I-B	\$171	Subsistence and Per Diem Meals ⁽¹⁾	Current GSA Rate
Project Staff I-A	\$196	Breakfast	Current GSA Rate
Project Staff II-B	\$215	Lunch	Current GSA Rate
Project Staff II-A	\$241	Dinner	Current GSA Rate
Senior Staff I	\$261	Incidentals	Current GSA Rate
Senior Staff II	\$281	Report Reproduction and Copying	
Associate I	\$295	Per Color Copy, In-House	\$0.89
Associate II	\$315	Per Black and White Copy, In-House	\$0.08
Vice President	\$332	Per Binding, In-House	\$1.95
Executive Vice President	\$347	Special Postage and Express Mail	Actual Expense
Senior Executive	\$357	Third-Party Material Preparation	Actual Expense
President	\$357	Other Direct Costs	Actual Expense
		Daily Equipment Rental Rates (Daily Rate)	
		Single Parameter Meters & Equipment	\$30.00
		Digital Flow Meter	\$60.00
		Multi-Parameter Field Meters & Sondes	\$100.00
		RTK-GPS, River Surveyor, Tracer Study Equipment	\$250.00
		Multi-Parameter Continuous Remote Sensing	\$40.00
		Field Rig (Field Vehicle and All Equipment)	\$200.00
		Subcontractors	Actual Expense Plus 10% Fee
		<small>Note: (1) Charged when overnight lodging is required. U.S. General Services Administration rates specified by location of work at gsa.gov</small>	