

Wyandotte Creek Groundwater Sustainability Agency Services Agreement

This Agreement is entered into as of the date last signed and dated below by and between the Wyandotte Creek Groundwater Sustainability Agency, a joint powers authority (“GSA”), and Larry Walker Associates, Inc., a California corporation (“Contractor”), who agree as follows:

1 Scope of Work

Contractor shall perform the work and render the services described in the attached Attachment I (the “Work”). Contractor shall provide all labor, services, equipment, tools, material and supplies required or necessary to properly, competently and completely perform the Work. Contractor shall determine the method, details and means of doing the Work.

2 Payment

2.1 GSA shall pay to Contractor a fee based on *[check one]*:

Contractor’s time and expenses necessarily and actually expended or incurred on the Work in accordance with Contractor’s fee schedule on the attached Exhibit A.

The fee arrangement described on the attached Exhibit A.

The total fee for the Work shall not exceed **\$1,510,750**. There shall be no compensation for extra or additional work or services by Contractor unless approved in advance in writing by GSA. Contractor’s fee includes all of Contractor’s costs and expenses related to the Work.

2.2 At the end of each month, Contractor shall submit to GSA an invoice for the Work performed during the preceding month. The invoice shall include a brief description of the Work performed, the dates of Work, number of hours worked and by whom (if payment is based on time), payment due, and an itemization of any reimbursable expenditures. If the Work is satisfactorily completed and the invoice is accurately computed, GSA shall pay the invoice within 60 days of its receipt.

3 Term

3.1 This Agreement shall take effect on the above date and continue in effect until completion of the Work or no later than April 15, 2026, unless sooner terminated as provided below. Time is of the essence in this Agreement. If Attachment I includes a Work schedule or deadline, then Contractor must complete the Work in accordance with the specified schedule or deadline, which may be extended by GSA for good cause shown by Contractor.

3.2 This Agreement may be terminated at any time by GSA upon 10 days advance written notice to Contractor. In the event of such termination, Contractor shall be fairly compensated for all work performed to the date of termination as calculated by GSA based on the above fee and payment provisions. Compensation under this section shall not include any termination-related expenses, cancellation or demobilization charges, or lost profit

associated with the expected completion of the Work or other such similar payments relating to Contractor's claimed benefit of the bargain.

4 Professional Ability of Contractor

4.1 Contractor represents that it is specially trained and experienced, and possesses the skill, ability, knowledge and certification, to competently perform the Work provided by this Agreement. GSA has relied upon Contractor's training, experience, skill, ability, knowledge and certification as a material inducement to enter into this Agreement. All Work performed by Contractor shall be in accordance with applicable legal requirements and meet the standard of care and quality ordinarily to be expected of competent professionals in Contractor's field.

4.2 The individuals whose certifications are included in Attachment II are designated as key personnel and are considered to be essential to the successful performance of the work hereunder. Contractor agrees that these individuals may not be removed from the Work or replaced without compliance with the following sections:

4.2.1 If one or more of the key personnel, for whatever reason, becomes, or is expected to become, unavailable for work under this contract for a continuous period exceeding 30 work days, or is expected to devote substantially less effort to the work than indicated in the proposal or initially anticipated, Contractor shall immediately notify GSA and shall, subject to GSA's concurrence, promptly replace the personnel with personnel of at least substantially equal ability and qualifications.

4.2.2 Each request for approval of substitutions must be in writing and contain a detailed explanation of the circumstances necessitating the proposed substitutions. The request must also contain a complete resume for the proposed substitute and other information requested or needed by GSA to evaluate the proposed substitution. GSA shall evaluate Contractor's request and promptly notify Contractor of its decision in writing.

5 Conflict of Interest

Contractor (including principals, associates and professional employees) represents and acknowledges that (a) it does not now have and shall not acquire any direct or indirect investment, interest in real property or source of income that would be affected in any manner or degree by the performance of Contractor's services under this agreement, and (b) no person having any such interest shall perform any portion of the Work. The parties agree that Contractor is not a designated employee within the meaning of the Political Reform Act and GSA's conflict of interest code because Contractor will perform the Work independent of the control and direction of the GSA, any of its member agencies, or of any GSA or GSA member agency official, other than normal contract monitoring, and Contractor possesses no authority with respect to any GSA decision beyond the rendition of information, advice, recommendation or counsel.

6 Contractor Records

6.1 Contractor shall keep and maintain all ledgers, books of account, invoices, vouchers, canceled checks, and other records and documents evidencing or relating to the Work and invoice preparation and support for a minimum period of three years (or for any

longer period required by law) from the date of final payment to Contractor under this Agreement. GSA may inspect and audit such books and records, including source documents, to verify all charges, payments and reimbursable costs under this Agreement.

6.2 In accordance with California Government Code section 8546.7, the parties acknowledge that this Agreement, and performance and payments under it, are subject to examination and audit by the California State Auditor for three years following final payment under the Agreement.

7 Ownership of Documents

All works of authorship and every report, study, spreadsheet, worksheet, plan, design, blueprint, specification, drawing, map, photograph, computer model, computer disk, magnetic tape, CAD data file, computer software and any other document or thing prepared, developed or created by Contractor under this Agreement and provided to GSA ("Work Product") shall be the property of GSA, and GSA shall have the rights to use, modify, reuse, reproduce, publish, display, broadcast and distribute the Work Product and to prepare derivative and additional documents or works based on the Work Product without further compensation to Contractor or any other party. Contractor may retain a copy of any Work Product and use, reproduce, publish, display, broadcast and distribute any Work Product and prepare derivative and additional documents or works based on any Work Product; provided, however, that Contractor shall not provide any Work Product to any third party without GSA's prior written approval, unless compelled to do so by legal process. If any Work Product is copyrightable, Contractor may copyright the same, except that, as to any Work Product that is copyrighted by Contractor, GSA reserves a royalty-free, nonexclusive and irrevocable license to use, reuse, reproduce, publish, display, broadcast and distribute the Work Product and to prepare derivative and additional documents or works based on the Work Product. If GSA reuses or modifies any Work Product for a use or purpose other than that intended by the scope of work under this Agreement, then GSA shall hold Contractor harmless against all claims, damages, losses and expenses arising from such reuse or modification. For any Work Product provided to GSA in paper format, upon request by GSA at any time (including, but not limited to, at expiration or termination of this Agreement), Contractor agrees to provide the Work Product to GSA in a readable, transferable and usable electronic format generally acknowledged as being an industry-standard format for information exchange between computers (e.g., Word file, Excel spreadsheet file, AutoCAD file).

8 Confidentiality of Information

8.1 Contractor shall keep in strict confidence all confidential, privileged, trade secret, and proprietary information, data and other materials in any format generated, used or obtained by the GSA or created by Contractor in connection with the performance of the Work under this Agreement (the "Confidential Material"). Contractor shall not use any Confidential Material for any purpose other than the performance of the Work under this Agreement, unless otherwise authorized in writing by GSA. Contractor also shall not disclose any Confidential Material to any person or entity not connected with the performance of the Work under this Agreement, unless otherwise authorized in advance in writing by GSA. If there is a question if Confidential Material is protected from disclosure or is a public record or in the public domain, the party considering disclosure of such materials shall consult with the other party concerning the proposed disclosure.

8.2 Contractor, and its officers, employees, agents, and subcontractors, shall at all times take all steps that are necessary to protect and preserve all Confidential Material. At no time shall Contractor, or its officers, employees, agents, or subcontractors in any manner, either directly or indirectly, use for personal benefit or divulge, disclose, or communicate in any manner, any Confidential Material to any person or entity unless specifically authorized in writing by the GSA or by order of a court or regulatory entity with jurisdiction over the matter. Contractor, and its officers, employees, agents, and subcontractors shall protect the Confidential Material and treat it as strictly confidential in accordance with applicable law, GSA policies and directives, and best industry security practices and standards.

8.3 If any person or entity, other than GSA or Contractor, requests or demands, by subpoena, discovery request, California Public Records Act request or otherwise, Confidential Material or its contents, the party to whom the request is made will immediately notify the other party, so that the parties may collectively consider appropriate steps to protect the disclosure of those materials. The parties agree to take all steps reasonably necessary to preserve the confidential and privileged nature of the Confidential Material and its content. In the event that the parties cannot agree whether to oppose or comply with a disclosure demand, the opposing party may oppose the demand at its sole cost and expense, in which event the party favoring disclosure will refrain from disclosing the demanded Confidential Material until such time as a final agreement regarding disclosure is reached or, if an agreement is not reached, a judicial determination is made concerning the demand.

8.4 Unless otherwise directed in writing by the GSA, upon contract completion or termination, Contractor must destroy all Confidential Materials (written, printed and/or electronic) and shall provide a written statement to the GSA that such materials have been destroyed.

9 Compliance with Laws

9.1 General. Contractor shall perform the Work in compliance with all applicable federal, state and local laws and regulations. Contractor shall possess, maintain and comply with all federal, state and local permits, licenses and certificates that may be required for it to perform the Work. Contractor shall comply with all federal, state and local air pollution control laws and regulations applicable to the Contractor and its Work (as required by California Code of Regulations title 13, section 2022.1). Contractor shall be responsible for the safety of its workers and Contractor shall comply with applicable federal and state worker safety-related laws and regulations.

9.2 Intentionally omitted.

9.3 Contractor may perform some of the Work pursuant to funding provided to the GSA by various federal and/or state grant and/or loan agreement(s) that impose certain funding conditions on GSA and its sub-recipients (the "Funding Conditions"). For any such Work, if GSA informs Contractor about the Funding Conditions, then Contractor agrees to determine, comply with and be subject to the Funding Conditions that apply to GSA's Contractors and contractors performing the Work, including, but not limited to, provisions concerning record keeping, retention and inspection, audits, state or federal government's right to inspect Contractor's work, nondiscrimination, workers' compensation insurance, drug-free workplace certification, and, compliance with the Americans with Disabilities Act and related State laws.

10 Indemnification.

10.1 Contractor shall indemnify, defend, protect, and hold harmless GSA, and its officers, employees and agents (“Indemnitees”) from and against any claims, liability, losses, damages and expenses (including attorney, expert witness and Contractor fees, and litigation costs) (collectively a “Claim”) that arise out of, pertain to, or relate to the negligence, recklessness, or willful misconduct of Contractor or its employees, agents or subcontractors. The duty to indemnify, including the duty and the cost to defend, is limited as provided in this section. However, this indemnity provision will not apply to any Claim arising from the sole negligence or willful misconduct of GSA or its employees or agents. Contractor’s obligations under this indemnification provision shall survive the termination of, or completion of Work under, this Agreement.

10.2 This section 10.2 applies if the Contractor is a “design professional” as that term is defined in Civil Code section 2782.8. If a court or arbitrator determines that the incident or occurrence that gave rise to the Claim was partially caused by the fault of an Indemnitee, then in no event shall Contractor’s total costs incurred pursuant to its duty to defend Indemnitees exceed Contractor’s proportionate percentage of fault as determined by a final judgment of a court or final decision of arbitrator.

11 Insurance

Types & Limits. Contractor at its sole cost and expense shall procure and maintain for the duration of this Agreement the following types and limits of insurance:

<i>Type</i>	<i>Limits</i>	<i>Scope</i>
Commercial general liability	\$2,000,000 per occurrence & \$4,000,000 aggregate	at least as broad as 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
Automobile liability	\$1,000,000 per accident	at least as broad as ISO Business Auto Coverage (Form CA 00 01)
Workers’ compensation	Statutory limits	
Employers’ liability	\$1,000,000 per accident	
Professional liability*	\$1,000,000 per claim	

*Required only if Contractor is a licensed engineer, land surveyor, geologist, architect, doctor, attorney or accountant.

11.1 **Other Requirements.** The general and automobile liability policy(ies) shall be endorsed to name GSA, its officers, employees, volunteers and agents as additional insureds regarding liability arising out of the Work. Contractor's general and automobile coverage shall be primary and apply separately to each insurer against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability. GSA's insurance or self-insurance, if any, shall be excess and shall not contribute with Contractor's insurance. Each insurance policy shall be endorsed to state that coverage shall not be canceled, except after 30 days (10 days for non-payment of premium) prior written notice to GSA. Insurance is to be placed with insurers authorized to do business in California with a current A.M. Best's rating of A:VII or better unless otherwise acceptable to GSA. Workers' compensation insurance issued by the State Compensation Insurance Fund is acceptable. Except for professional liability insurance, Contractor agrees to waive subrogation that any insurer may acquire from Contractor by virtue of the payment of any loss relating to the Work. Contractor agrees to obtain any endorsement that may be necessary to implement this subrogation waiver. The workers' compensation policy must be endorsed to contain a subrogation waiver in favor of GSA for the Work performed by Contractor.

11.2 **Proof of Insurance.** Upon request, Contractor shall provide to GSA the following proof of insurance: (a) certificate(s) of insurance evidencing this insurance; and (b) endorsement(s) on ISO Form CG 2010 (or insurer's equivalent), signed by a person authorized to bind coverage on behalf of the insurer(s), and certifying the additional insured coverage.

12 **General Provisions**

12.1 **Entire Agreement; Amendment.** The parties intend this writing to be the sole, final, complete, exclusive and integrated expression and statement of the terms of their contract concerning the Work. This Agreement supersedes all prior oral or written negotiations, representations, contracts or other documents that may be related to the Work, except those other documents (if any) that are expressly referenced in this Agreement. This Agreement may be amended only by a subsequent written contract approved and signed by both parties.

12.2 **Independent Contractor.** Contractor's relationship to GSA is that of an independent contractor. All persons hired by Contractor and performing the Work shall be Contractor's employees or agents. Contractor and its officers, employees and agents are not GSA or GSA member agency employees, and they are not entitled to GSA or GSA member agency employment salary, wages or benefits. Contractor shall pay, and GSA shall not be responsible in any way for, the salary, wages, workers' compensation, unemployment insurance, disability insurance, tax withholding, and benefits to and on behalf of Contractor's employees. Contractor shall, to the fullest extent permitted by law, indemnify GSA, GSA member agencies, and its officers, employees, volunteers and agents or the officers, employees, volunteers and agents of its member agencies from and against any and all liability, penalties, expenses and costs resulting from any adverse determination by the federal Internal Revenue Service, California Franchise Tax Board, other federal or state agency, or court concerning Contractor's independent contractor status or employment-related liability.

12.3 **Subcontractors.** No subcontract shall be awarded nor any subcontractor engaged by Contractor without GSA's prior written approval. Contractor shall be responsible for requiring and confirming that each approved subcontractor meets the minimum

insurance requirements specified in section 11 of this Agreement. Any approved subcontractor shall obtain the required insurance coverages and provide proof of same to GSA in the manner provided in section 11 of this Agreement.

12.4 Assignment. This Agreement and all rights and obligations under it are personal to the parties. The Agreement may not be transferred, assigned, delegated or subcontracted in whole or in part, whether by assignment, subcontract, merger, operation of law or otherwise, by either party without the prior written consent of the other party. Any transfer, assignment, delegation, or subcontract in violation of this provision is null and void and grounds for the other party to terminate the Agreement.

12.5 No Waiver of Rights. Any waiver at any time by either party of its rights as to a breach or default of this Agreement shall not be deemed to be a waiver as to any other breach or default. No payment by GSA to Contractor shall be considered or construed to be an approval or acceptance of any Work or a waiver of any breach or default.

12.6 Severability. If any part of this Agreement is held to be void, invalid, illegal or unenforceable, then the remaining parts will continue in full force and effect and be fully binding, provided that each party still receives the benefits of this Agreement.

12.7 Governing Law and Venue. This Agreement will be governed by and construed in accordance with the laws of the State of California. The county and federal district court where GSA's office is located shall be venue for any state and federal court litigation concerning the enforcement or construction of this Agreement.

12.8 Notice. Any notice, demand, invoice or other communication required or permitted to be given under this Agreement must be in writing and delivered either (a) in person, (b) by prepaid, first class U.S. mail, (c) by a nationally-recognized commercial overnight courier service that guarantees next day delivery and provides a receipt, or (d) by email with confirmed receipt. Such notices, etc. shall be addressed as follows:

GSA:

Wyandotte Creek Groundwater Sustainability Agency

Attn: Dillon Raney

Wyandotte Creek Groundwater Sustainability Agency, 308 Nelson Avenue, Oroville,
CA 95965

E-mail: DRaney@buttecounty.net

Contractor:

Larry Walker Associates

Attn: Ryan Fulton

Larry Walker Associates, 1480 Drew Avenue, Suite 100, Davis, CA 95618

E-mail: ryanf@lwa.com

Notice given as above will be deemed given (a) when delivered in person, (b) three days after deposited in prepaid, first class U.S. mail, (c) on the date of delivery as shown on the overnight courier service receipt, or (d) upon the sender's receipt of an email from the other party

confirming the delivery of the notice, etc. Any party may change its contact information by notifying the other party of the change in the manner provided above.

12.9 **Signatures and Authority.** Each party warrants that the person signing this Agreement is authorized to act on behalf of the party for whom that person signs. This Agreement may be executed in two or more counterparts, each of which shall be deemed an original, but all of which together shall constitute the same instrument. Counterparts may be delivered by facsimile, electronic mail (including PDF or any electronic signature complying with California’s Uniform Electronic Transactions Act (Cal. Civ. Code, §1633.1, et seq.) or any other applicable law) or other transmission method. The parties agree that any electronic signatures appearing on the Agreement are the same as handwritten signatures for the purposes of validity, enforceability, and admissibility.

Wyandotte Creek Groundwater Sustainability Agency:

Dated: 28 MARCH 2024

By: Bill Connelly
Bill Connelly, Chair

Larry Walker Associates:

Dated: 03/21/2024

By: Laura Foglia
Laura Foglia, Vice President

Approved as to Form By

DocuSigned by:
Andrew Ramos 4/3/2024
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Andrew Ramos
GSA Legal Counsel

Attachment I. "Work"

Duties and obligations of the CONTRACTOR:

COMPONENT 2: DATA GAPS AND REFINEMENTS SCOPE

Component 2 consists of installing monitoring sites and dedicated monitoring equipment to expand the understanding of basin conditions and address data gaps related to groundwater conditions, shallow monitoring and stream gages, domestic well database, and Groundwater Dependent Ecosystems (GDEs). Activities will be coordinated with neighboring subbasins. Tasks also include modifying the Groundwater Sustainability Plan (GSP) in response to the DWR Determination letter, refining and developing an approach to the interconnected surface water Sustainable Management Criteria (SMC), completing the Periodic Evaluation and supporting an Outreach Program through the GSA to engage the public and stakeholders as the GSP is amended, data gaps are filled, and projects and management actions progress.

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. Ensure adequate long-term access for construction and maintenance of the well, piezometer, and/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 Planning

CONTRACTOR shall conduct planning and design activities associated with the multi-completion monitoring well installation within the Subbasin. Monitoring well planning will consider data gaps identified in the Wyandotte Creek GSP and monitoring needs of other projects that are underway in the subbasin, as needed. Task 11 Community Monitoring Plan and installation of equipment under Task 6 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, as well as the final number of completions to be included in each monitoring well.

CONTRACTOR shall prepare environmental documentation under CEQA with the County Clerk's Office and State Clearinghouse. GSA will submit the CEQA document(s) to the DWR Grant Manager for review and concurrence prior to beginning construction.

CONTRACTOR shall wait for Notice to Proceed from the GSA before construction begins. 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. Any costs incurred for Category (c) prior to receiving a Notice to Proceed from the GSA shall not be reimbursed and any such amounts shall be deducted from the total contract amount.

CONTRACTOR will confirm that all necessary permits and coordination agreements are acquired before construction begins.

CONTRACTOR shall prepare preliminary and final design plans and specifications. CONTRACTOR shall provide preliminary design plans and specifications to the GSA for submission to DWR Grant Manager for review and concurrence prior to finalizing said design plans and specifications.

CONTRACTOR shall conduct a competitive bid process, including development of 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.

Deliverables:

- Installation Plan for GSA approval
- Map of recommended locations for monitoring wells for GSA approval
- All CEQA and NEPA documents
- All required permits
- Preliminary and final design plans and specifications
- Proof of Advertisement
- Bid Documentation
- Notice of Award
- Notice to Proceed (to well drilling contractor)

Assumptions:

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

Task 3: Shallow Wells and Stream Gages Planning

CONTRACTOR shall conduct planning and design activities associated with the shallow well or piezometer and stream gage installation/maintenance within the Subbasin. Activities of this task shall include performing a technical assessment of potential monitoring locations, associated costs, and landowner participation to determine the final number and location of sites to be installed, as well as the final number of stream gages to be installed.

CONTRACTOR shall prepare environmental documentation under CEQA with the County Clerk's Office and State Clearinghouse and submit the CEQA document(s) to the GSA for submission to 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. CONTRACTOR shall wait for Notice to Proceed before construction begins. Any costs incurred for Category (c) prior to receiving a Notice to Proceed from the GSA shall not be reimbursed and any such amounts shall be deducted from the total contract amount.

CONTRACTOR shall acquire necessary permits.

CONTRACTOR shall prepare preliminary and final design plans and specifications and provide design plans and specifications to GSA for submission to the DWR Grant Manager for review and concurrence prior to finalizing said design plans and specifications.

CONTRACTOR shall perform all work necessary for GSA to conduct a competitive bid process, including development of 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 assist GSA in sending a Notice of Intent to Award to the selected bidder(s) and submit a Notice(s) to Award.

Once costs are known for installation of new wells, CONTRACTOR shall provide an Installation Plan outlining the number and types of wells and stream gages to be installed given available grant funding for category (c). GSA will approve the Installation Plan and confirm DWR approval to begin construction before providing Notice to Proceed to CONTRACTOR.

Deliverables:

- Installation Plan for GSA approval
- Map of recommended locations for shallow wells, piezometers, and stream gages for GSA approval
- All required CEQA and NEPA documents
- All required permits
- Preliminary and final design plans and specifications
- Proof of Advertisement
- Bid Documentation
- Notice of Award
- Notice to Proceed (to well driller contractor)

Assumptions:

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

Category (c): Implementation / Construction

Task 4: Multi-Completion Monitoring Wells Installation

CONTRACTOR shall manage a well driller to install a minimum of three (3) multi-completion monitoring wells with a minimum of two (2) vertical zones per well. Final well locations and designs, including the number of screen intervals, will be based on the HCM, water conditions, available budget, and access agreements. CONTRACTOR shall prepare a well installation report, summarizing installation activities and data acquired during installation. GSA will contract with the well driller(s) directly.

Deliverables:

- Summaries of activities and photo documentation of pre-construction, construction and post construction conditions to include in the associated quarterly Progress Reports
- Record drawings
- Well completion reports
- Proof of equipment and materials purchased
- Certification of Completion Letter(s)
- Acknowledgement of Credit signage
- Well installation summary report

Task 5: Shallow Wells and Stream Gages Installation

CONTRACTOR shall install a minimum of five (5) new interconnected surface water monitoring sites. Each stream gage installed shall be paired with the three (3) new shallow monitoring wells. CONTRACTOR shall manage a contractor to install the shallow wells. Final well locations and designs, including the number of screen intervals, will be based on the HCM, water conditions, available budget, and access agreements. CONTRACTOR shall prepare a surface and groundwater monitoring site report, summarizing equipment installation activities and data acquired during installation. CONTRACTOR shall install stream gages and provide construction management support during well drilling.

Deliverables:

- Summaries of activities and photo documentation pre-construction, construction and post construction to include in the associated quarterly Progress Reports
- Record drawings
- Well completion reports
- Proof of equipment and materials purchased
- Certification of Completion Letter(s)
- Acknowledgement of Credit signage
- Surface and groundwater monitoring site summary report

Task 6: Equip Volunteer Owners Wells with Monitoring Equipment

CONTRACTOR shall purchase and install necessary monitoring equipment to track water levels in a minimum of ten (10) domestic wells. CONTRACTOR shall support engagement with domestic well owners who have volunteered to participate.

Deliverables:

- Proof of equipment and materials purchased
- Summaries of activities and photo documentation pre-installation, installation, and post installation activities

Category (d): Monitoring / Assessment

Task 7: 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 Wyandotte Creek GSA Board 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
- Map files and data sets developed for GSP amendments

Task 8: Develop Approach for Interconnected Surface Water Sustainable Management Criteria (ISW SMC)

CONTRACTOR shall provide technical work toward refining the SMC for Interconnected Surface Water (ISW) to address DWR comments on the GSP and will coordinate approaches on a regional basis. Approach may include utilizing groundwater levels as proxies for measurable objectives and minimum thresholds in the GSP and utilizing new data to fill initial data gaps and develop a refined approach to set the ISW SMC for the updated GSP.

CONTRACTOR shall use the Butte Basin Groundwater Model (BBGM), or similar tool as 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:

- Technical Memorandum (or Updated Chapter in GSP) summarizing the data evaluation and detailing the approach used to set ISW SMC in the Wyandotte Creek GSP
- A copy of the refined/updated BBGM
- Map files and datasets developed or utilized to develop the SMC

Task 9: Draft Five-Year GSP 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 upon. CONTRACTOR shall work with GSA staff, advisory committees, and with the GSA Board to develop content for the GSP Periodic Evaluation.

Deliverables:

- Draft Periodic Evaluation
- Board meeting presentations and meeting minutes on GSP evaluation, update progress and findings
- Map files and data sets developed for the GSP Periodic Evaluation

Task 10: GDE Biological Field Surveys

CONTRACTOR shall develop an updated field-based survey of potential GDEs to better understand current and cyclical GDE trends. Activities from this task will improve estimation of ISW in the Subbasin. CONTRACTOR shall conduct data collection using field mapping techniques supplemented by desktop research conducted during the planning phase and will compare these GDE estimates to potential GDE information provided in the GSP. CONTRACTOR shall update the comprehensive basin-wide dataset of GDEs.

Deliverables:

- Work Plan
- Technical Memorandum summarizing potential GDEs, estimates, and the basin-wide dataset
- Map files and datasets from field surveys and analysis

Task 11: Create Community Monitoring Plan

CONTRACTOR shall create a monitoring program plan for domestic well owners, including methods for outreach and engagement to identify and meet education needs. Identify methods for data management and plan implementation of equipment installed under Task 6. Maintain installed monitoring equipment.

Deliverables:

- Community Monitoring Plan
- Well Monitoring Equipment Summary Technical Memorandum

Task 12: Community Monitoring 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. Task activities will be coordinated with County DMS development process and will append community monitoring data to County DMS.

Deliverables:

- DMS input tables

Category (e): Engagement / Outreach

Task 13: Community Monitoring Program Engagement and Education

CONTRACTOR shall support public engagement through in-person participation in up to two (2) workshops designed to educate participants in the community monitoring program. Efforts will inform interested parties about implementation progress through continued GSP-related outreach, relevant reports, and data. Workshops will be held to discuss the program and hear suggestions, questions, and concerns of the community.

Deliverables:

- Informational handouts and/or presentation materials for up to two (2) workshops

Task 14: Inter-basin Coordination- Monitoring Network

Participate in up to two (2) meetings with neighboring subbasins/GSAs to coordinate planning and monitoring well and stream gage site locations.

Deliverables:

- Meeting materials for up to two (2) workshops

COMPONENT 4: REGIONAL CONJUNCTIVE USE PROJECT SCOPE

Component 4 consists of three main tasks: (1) Intra-Basin Water Exchange Feasibility Study, (2) Agricultural Surface Water Supplies Feasibility Study, and (3) Agricultural Irrigation Efficiency. Task 1, Intra-Basin Water Exchange Feasibility Study, will focus on working with water purveyors with service areas within and outside the Subbasin to enhance their ability to divert supply and make it available to agricultural users within the subbasin. Task 2, Agricultural Surface Water Supplies Feasibility Study, is intended to utilize existing surface water available in the region for agricultural users in the Wyandotte Creek subbasin. Task 3, Agricultural Irrigation Efficiency will improve subbasin sustainability related to groundwater levels and groundwater storage by decreasing consumptive use (i.e., evaporation and transpiration or ET) by applying ET-based water management principles of precision irrigation and ET monitoring.

Category (b): Environmental / Engineering / Design

Task 1: Intra-Basin Water Exchange Feasibility Study: Planning and Feasibility

CONTRACTOR shall conduct planning and design activities associated with diverting water exchange from intra-basin sources such as the Thermalito Water and Sewer District and/or South Feather Water and Power Agency.

The approach to plan and assess feasibility of intra-basin water exchanges is as follows:

1. Meet with GSA to:
 - a. determine the potential parties participating in the exchanges
 - b. discuss a framework for the water exchange agreements
 - i. who receives the water,
 - ii. what does the recipient exchange for the water, and
 - iii. benefits and costs of the exchange
 - c. Develop list of entities within the basin that may have water available for exchange.

2. Meet with each entity within the basin with water available for exchanges including the Thermalito Water and Sewer District and South Feather Water and Power Agency to discuss:
 - a. a framework for water exchanges including benefits and costs resulting from the exchanges.
3. Determine how the exchange would occur and, if conveyance is necessary, the conveyance that would be used and/or built as necessary.
4. Complete feasibility study associated with intra-basin water exchanges and identify CEQA and NEPA requirements and required permits.
5. Present feasibility results at workshop with the GSA and other potential participating agencies.

If the intra-basin exchanges are found to be feasible, prepare:

1. Draft water exchange agreements, and
2. A recommendation, cost estimate and schedule for environmental documentation.
3. A recommendation, cost estimate and schedule for acquiring necessary permits and coordination agreements required for expansion of water purveyor exchanges.

Deliverables:

- Feasibility Study Summary Report
- Recommendation, cost estimate and schedule for environmental documentation.
- Recommendation, cost estimate and schedule for acquiring necessary permits and coordination agreements required for expansion of water purveyor exchanges.
- Draft Water Exchange Agreements

Task 2: Agricultural Surface Water Supplies Feasibility Study: Planning and Feasibility

CONTRACTOR shall conduct planning, and design activities associated with the increased use of surface water for agricultural use for in-lieu recharge. CONTRACTOR shall complete feasibility study identifying potential agricultural users who could use surface water in-lieu of groundwater supply. Identify CEQA and NEPA requirements, required permits, and assess potential costs and benefits of the program. CONTRACTOR shall prepare preliminary, conceptual (10%) design plans and specifications for infrastructure updates needed for implementation.

If increased use of surface supplies for agriculture is found to be feasible, prepare:

1. A recommendation, cost estimate and schedule for environmental documentation.
2. A recommendation, cost estimate and schedule for acquiring necessary permits.

Deliverables:

- Feasibility Study Summary Report
- Recommendation, cost estimate and schedule for environmental documentation.
- Recommendation, cost estimate and schedule for acquiring necessary permits.
- Preliminary, conceptual (10%) design plans and specifications for infrastructure to support in-lieu recharge in the subbasin

Task 3: Agricultural Irrigation Efficiency Piloting Program: Planning and Feasibility

CONTRACTOR shall plan and assess feasibility of an agricultural irrigation efficiency pilot program through the following anticipated activities:

- 1.) Form ad hoc committee consisting of landowners and technical support staff,
- 2.) Identify program objectives,
- 3.) Enroll landowners/farms in the program,
- 4.) Conduct farm assessments in coordination with technical experts including with the University of California Cooperative Extension and the Tehama County Resource Conservation District, and
- 5.) Identify precision irrigation technologies to implement and estimate expected benefits.

A brief description of each step is provided below.

Step 1. An ad hoc committee consisting of landowners and technical support staff shall be immediately formed to advise on program development and implementation activities. It will be important to understand what has already been tried and to better understand the scope and scale of precision irrigation program that is likely to be most acceptable.

Step 2. Project objectives shall be identified based on stakeholder input. The primary objective is to reduce non-beneficial evapotranspiration (ET) by improving on-farm management practices. Land use patterns in the Wyandotte Creek Subbasin are dominated by agricultural uses including nut and fruit trees, vineyards, row crops, grazing, and forage. Studies conducted by the University of California, Davis (Lampinen, et.al., 2020) have shown ET and nut and fruit tree yields generally increase as tree canopy sizes increase. However, some orchards with large canopy sizes and high ET have lower yields and lower water efficiency. It is recommended to perform diagnostics to distinguish areas of crop production with high, medium, and low water efficiency then prioritize where efforts to improve water efficiency should be targeted. Steps to increase water efficiency may include reducing non-beneficial ET by managing crop water stress, crop canopy size, and managing plant nutrition and various pests to increase crop production. Land units with a proven history of low water efficiency and several unsuccessful attempts to improve it may be considered for alternative annual cash crops with lower ET, and land fallowing or retirement. The most effective combination of practices for reducing non-beneficial ET will vary by farm and, thus, individual farm assessments are recommended as a diagnostic phase. Land fallowing and retirement is not anticipated to be economically viable within the Wyandotte Creek Subbasin.

Step 3. Contractor shall conduct outreach to enroll landowners/farms in the program. Ideally, at least 1,500 acres will be enrolled in the pilot program to implement efficiency projects across a range of crop types utilizing various irrigation technologies. Select farms representative of the crop types, irrigation methods, and water sources in the Wyandotte Creek Subbasin. DWR's Statewide Crop Mapping Datasets and County Land Use Surveys (including irrigation method) will be used. Establish landowner agreements including conditions for ongoing operations and maintenance terms of the project.

Step 4. CONTRACTOR shall perform diagnostic farm assessments including estimates of applied water, crop yield, evapotranspiration (e.g., OpenET), canopy cover, soil types and depth to groundwater (relative to SGMA management objectives). Develop metrics and group fields

based on water efficiency characteristics. Meet with ad hoc committee and landowners to review diagnostic results and discuss options for implementing precision irrigation practices that achieve ET reductions and improved water efficiencies. Project methods will be used to protect landowner information and uphold confidentiality as requested. Technical experts will be consulted throughout this step.

Step 5. CONTACTOR shall review state of the art precision irrigation technology and farm management practices to achieve the desired program objectives and subsequently select the most appropriate technologies and practices to implement for each farm/field. Technical experts will be consulted throughout this step.

As needed, CONTRACTOR shall prepare environmental documentation under CEQA with the County Clerk's Office and State Clearinghouse. Submit the CEQA document(s) to the GSA for submission to DWR Grant Manager for review and concurrence prior to beginning construction or implementation activities.

This project is not expected to have construction or other significant ground disturbance activities. Construction will not begin and no costs for Category (c) will be incurred until Notice to Proceed has been received from the GSA.

Deliverables:

- Feasibility Study Summary Report, including geospatial maps of results from field-scale ground-based inventory of irrigation methods, crops, and water sources for the Subbasin.
- All CEQA and NEPA documents as applicable
- All Necessary Permits
- Agricultural irrigation efficiency pilot program plan

Category (c): Implementation / Construction

The implementation budget for the Agricultural Irrigation Efficiency Pilot Program was removed from LWA's scope at this stage and therefore no work will be conducted in this budget category. This may be renegotiated as implementation projects are further defined. Implementation will be coordinated with the Butte County Farm Bureau to leverage CDFA SWEEP Block Grant funding as feasible.

Category (d): Monitoring / Assessment

CONTRACTOR shall measure and assess results of the Agricultural Irrigation Efficiency pilot program and continue the monitoring and maintenance of equipment purchased and installed under the Agricultural Irrigation Efficiency pilot program.

Deliverables:

- Implementation Summary Report summarizing results of the Agricultural Irrigation Efficiency pilot program.

Category (e): Engagement / Outreach

CONTRACTOR shall perform grower engagement through up to three (3) in-person workshops designed to educate participants on the three phases of the Component. Outreach efforts will

inform interested parties about study and pilot program progress through continued GSP-related outreach, relevant reports, and data. Develop public informational handouts to be distributed informing the public of the program and how they can participate. Hold up to three (3) workshops to discuss the program and hear the suggestions, questions, and concerns of the community.

Deliverables:

- Informational handouts for up to three (3) workshops.

Contractor Compensation:

The maximum amount billable under this contract shall not exceed one million, five hundred and ten thousand, seven hundred and fifty dollars (\$1,510,750). Billing rates are identified on Attachment I, 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 Tables.

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 \$100,000.

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).
- 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: Data Gaps and Refinements

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	Budget
Budget Category (a): Administration	
Not Applicable	\$0
Budget Category (a) Subtotal:	\$0
Budget Category (b): Environmental / Engineering / Design	
1. Landowner Access Agreement/Site Access	\$12,500
2. Multi-Completion Monitoring Wells Planning	\$15,000
3. Shallow Wells and Stream Gages Planning	\$32,500
Budget Category (b) Subtotal:	\$60,000
Category (c): Implementation / Construction	
4. Multi-Completion Monitoring Wells Installation (min. of 3 wells)	\$297,500
5. Shallow Wells (min. of 15 wells) and Stream Gages (min. of 5 sites) Installation	\$297,500
6. Equip Volunteer Owners Wells with Monitoring Equipment (min. of 10 sites)	\$80,000
Budget Category (c) Subtotal:	\$675,000
Category (d): Monitoring / Assessment	
7. Response to DWR GSP Determination	\$51,730
8. Develop Approach for Interconnected Surface Water Sustainable Management Criteria (ISW SMC)	\$192,908
9. Draft Five-Year GSP Periodic Evaluation of the GSP	\$60,330
10. GDE Biological Field Surveys	\$58,166
11. Create Community Monitoring Plan	\$65,712
12. Community Monitoring Data and Visualization	\$14,904
Budget Category (d) Subtotal:	\$443,750
Category (e): Engagement / Outreach	
13. Community Monitoring Program Engagement and Education	\$7,477
14. Inter-basin Coordination - Monitoring Network	\$7,523
Budget Category (e) Subtotal:	\$15,000
Project Total:	\$1,193,750

Notes: Budget Category C, Task 4 excludes \$375,000 to drill a minimum of three (3) multi-completion monitoring wells with a minimum of two (2) vertical zones per well. Budget Category C, Task 5 excludes \$150,000 to drill a minimum of fifteen (15) new shallow monitoring wells. The GSA 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 (b) 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 under Budget Category (c).

Component 4: Regional Conjunctive Use Project

The proposed Cost Breakdown 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 within the same Budget Category as mutually agreed.

Table 2. Component 4 Cost Breakdown by Task.

Budget Category / Task	Budget
Budget Category (a): Administration	
Not Applicable	\$0
Budget Category (a) Subtotal:	\$0
Budget Category (b): Environmental / Engineering / Design	
1. Intra-Basin Water Exchange Feasibility Study: Planning and Feasibility	\$95,000
2. Agricultural Surface Water Supplies Feasibility Study: Planning and Feasibility	\$95,000
3. Agricultural Irrigation Efficiency Piloting Program: Planning and Feasibility	\$90,000
Budget Category (b) Subtotal:	\$280,000
Category (c): Implementation / Construction	
4. Implement Agricultural Irrigation Efficiency Pilot Program	\$0
Budget Category (c) Subtotal:	\$0
Category (d): Monitoring / Assessment	
5. Assessment of Precision Irrigation Pilot Program	\$20,000
Budget Category (d) Subtotal:	\$20,000
Category (e): Engagement / Outreach	
6. Stakeholder Engagement, Education, and Outreach	\$17,000
Budget Category (e) Subtotal:	\$17,000
Project Total:	\$317,000

Schedule

Component 2: GSP Updates, Data Gaps, and Outreach

The project schedule (Table 3) is based on an anticipated project start date in March 2024 with project completion in March 2026 (i.e., 24-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.

Table 3. Component 2 Deliverable Due Dates.

Budget Category	Task Number	Deliverable	Due Date
Budget Category (a): Administration	N/A	N/A	N/A
	1. Landowner Access Agreement/Site Access	Landowner access agreement(s)	Aug 2024
Category (b): Environmental / Engineering / Design	2. Multi-Completion Monitoring Wells Planning	Map of recommended locations for monitoring wells for GSA approval	June 2024
		All CEQA and NEPA documents	Sept 2024
		All required permits	Sept 2024
		Preliminary and final design plans and specifications	Aug 2024
		Proof of Advertisement	Sept 2024
		Bid Documents	Oct 2024
		Installation Plan for GSA Approval	Nov 2024
		Notice of Award	Dec 2024
		Notice to Proceed (to well drilling contractor)	Dec 2024
		Map of recommended locations for shallow wells, piezometers, and stream gages for GSA approval	June 2024
3. Shallow Wells and Stream Gages Planning	All required CEQA and NEPA documents	Sept 2024	
	All required permits	Sept 2024	
	Preliminary and final design plans and specifications	Aug 2024	
	Proof of Advertisement	Sept 2024	

Budget Category	Task Number	Deliverable	Due Date
		Bid Documents Installation Plan for GSA Approval Notice of Award Notice to Proceed (to well drilling contractor)	Oct 2024 Nov 2024 Dec 2024 Dec 2024
	4. Multi-Completion Monitoring Wells Installation	Summaries of activities and photo documentation of pre-construction, construction and post construction conditions to include in the associated quarterly Progress Reports Record drawings Well completion reports Proof of equipment and materials purchased Certification of Completion Letter(s) Acknowledgement of Credit signage Well installation summary report	June 2025 June 2025 June 2025 June 2025 June 2025 June 2025 Dec 2025
Category (c): Implementation / Construction	5. Shallow Wells and Stream Gages Installation	Summaries of activities and photo documentation of pre-construction, construction and post construction conditions to include in the associated quarterly Progress Reports Record drawings Well completion reports Proof of equipment and materials purchased Certification of Completion Letter(s) Acknowledgement of Credit signage Surface and groundwater monitoring site summary report	June 2025 June 2025 June 2025 June 2025 June 2025 Dec 2025
	6. Equip Volunteer Owners Wells with Monitoring Equipment	Proof of equipment and materials purchased Summaries of activities and photo documentation pre-installation, installation, and post installation activities	June 2025 June 2025

Budget Category	Task Number	Deliverable	Due Date
Category (d): Monitoring / Assessment	7. Response to DWR GSP Determination	Draft Amended GSP Map files and data sets developed for GSP amendments	Feb 2026
	8. Develop Approach for ISW SMC	Technical Memo or Updated Chapter in GSP	Jan 2026
		Draft Tech Memo/Chapter	Dec 2025
		A copy of the refined/updated BBGM files	Mar 2026
	9. Draft Five-Year GSP Periodic Evaluation of the GSP	Map files and datasets developed or utilized to develop the SMC	Mar 2026
		Draft GSP Periodic Evaluation	Jan 2026
		Board meeting presentations and meeting minutes on GSP evaluation, update progress and findings	Feb 2026
		Map files and data sets developed for the GSP Periodic Evaluation	Mar 2026
	10. GDE Biological Field Surveys	Work Plan	Jun 2024
		Technical Memorandum summarizing potential GDEs, estimates, and the basin-wide dataset	Nov 2025
Map files and datasets from field surveys and analysis		Mar 2026	
Community Monitoring Plan		Jun 2025	
Well Monitoring Equipment Summary Technical Memorandum		Oct 2025	
Category (e): Engagement / Outreach	11. Create Community Monitoring Plan	DMS input tables	Jun 2025
	12. Community Monitoring Data and Visualization	Informational handouts for up to two workshops	Jan 2025 / Jun 2025
	13. Community Monitoring Program Engagement and Education	Meeting materials for up to two (2) workshops	Oct 2024 / Jun 2025
	14. Inter-basin Coordination- Monitoring Network		

Component 4: Regional Conjunctive Use Project

The project schedule (Table 4) is based on an anticipated project start date in March 2024 with project completion in March 2026 (i.e., 24-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.

Table 4. Component 4 Deliverable Due Dates.

Budget Category		Task Number	Deliverable	Due Date
Budget Category (a): Administration	N/A		N/A	N/A
	1. Intra-Basin Water Exchange Feasibility Study: Planning and Feasibility	Feasibility Study Summary Report	Jun 2025	
Budget Category (b): Environmental / Engineering / Design		Recommendation, cost estimate and schedule for environmental documentation.	Mar 2026	
		Recommendation, cost estimate and schedule for acquiring necessary permits and draft water exchange agreements required for expansion of water purveyor exchanges.	Mar 2026	
		Feasibility Study Summary Report	Jun 2025	
	2. Agricultural Surface Water Supplies Feasibility Study: Planning and Feasibility	Recommendation, cost estimate and schedule for environmental documentation	Mar 2026	
		Recommendation, cost estimate and schedule for acquiring necessary permits	Mar 2026	
		Preliminary, conceptual (10%) design plans and specifications for infrastructure to support in-lieu recharge in the subbasin	Mar 2026	

Budget Category	Task Number	Deliverable	Due Date
	3. Agricultural Irrigation Efficiency Piloting Program: Planning and Feasibility	Feasibility Study Summary Report, including geospatial maps of results from field-scale ground-based inventory of irrigation methods, crops, and water sources for the Subbasin All CEQA and NEPA documents as applicable All Necessary Permits Agricultural irrigation efficiency pilot program plan	Sept 2024 Oct 2024 Oct 2024 Dec 2024
Category (c): Implementation / Construction	Task 4. Implementation tasks and deliverables will be identified as part of Task 3: Agricultural Irrigation Efficiency Piloting Program: Planning and Feasibility. Implementation is expected to begin by January 2025 or as mutually agreed.		Jan 2025
Category (d): Monitoring / Assessment	5. Assessment of Precision Irrigation Pilot Program	Implementation Summary Report summarizing results of the Agricultural Irrigation Efficiency pilot program	Mar 2026
Category (e): Engagement / Outreach	6. Stakeholder Engagement, Education, and Outreach	Informational handouts for up to three (3) workshops.	May 2024 / Dec 2024 / Dec 2025

Exhibit A: CONTRACTOR Fee Schedule



LARRY WALKER ASSOCIATES RATE SHEET

Effective July 1, 2023 – June 30, 2024

TITLE	RATE (\$/Hour)
Intern	\$65
Administrative	\$ 80
Contract Coordinator	\$145
AR/AP Manager	\$145
Graphic Designer	\$134
Senior Graphic Designer	\$174
Project Staff I-C	\$140
Project Staff I-B	\$169
Project Staff I-A	\$196
Project Staff II-B	\$208
Project Staff II-A	\$235
Senior Staff I	\$253
Senior Staff II	\$272
Associate I	\$289
Associate II	\$305
Vice President	\$322
Executive Vice President	\$337
Senior Executive	\$353
President	\$353

REIMBURSABLE COSTS	
Travel	
Local Mileage	Current IRS Rate
Transportation	Actual Expense
Auto Rental	Actual Expense
Fares	Actual Expense
Room	Actual Expense
Subsistence and Per Diem Meals ⁽²⁾	Current GSA Rate
Breakfast	Current GSA Rate
Lunch	Current GSA Rate
Dinner	Current GSA Rate
Incidentals	Current GSA Rate
Report Reproduction and Copying	
Per Color Copy, In-House	\$0.89
Per Black and White Copy, In-House	\$0.08
Per Binding, In-House	\$1.95
Special Postage and Express Mail	Actual Expense
Third-Party Material Preparation	Actual Expense
Other Direct Costs	Actual Expense
Daily Equipment Rental Rates	
Single Parameter Meters & Equipment	\$30.00
Digital Flow Meter	\$60.00
Multi-Parameter Field Meters & Sondes	\$100.00
RTK-GPS, RiverSurveyor, 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

Note: (2) Charged when overnight lodging is required. U.S. General Services Administration rates specified by location of work at [gsa.gov](https://www.gsa.gov)

ATTACHMENT II
PROFESSIONAL CREDENTIALS

The CONTRACTOR herein presents the required and essential credentials for performance of this contract and warrants them to be authentic, current and duly granted.

Table 5. Professional credentials of key staff overseeing the project. Support staff offer additional credentials as needed.

Name	Professional Degree(s)	Licenses / Certifications / Bonds
Ryan Fulton (LWA)	M.Eng., Civil & Environmental Engineering, Utah State University, Logan, UT B.S., BioResource and Agricultural Engineering, California Polytechnic State University, San Luis Obispo, CA	Professional Engineer, CA No. C87403
Laura Foglia (LWA)	Ph.D. in Environmental Engineering, ETH Zurich, Zurich, Switzerland M.S., Physics, University of Milan, Milan, Italy	N/A
Eddy Teasdale (subcontractor)	M.S., Hydrogeology, University of Idaho, Moscow, Idaho B.S., Geology, University of Texas, Arlington, Texas	Professional Geologist, CA No. 7791; ID No. 1561 Certified Hydrogeologist, CA No. 926
Bryan Thoreson (subcontractor)	Ph.D., Agricultural Engineering, University of Arizona, Tucson M.S., Agricultural Engineering, South Dakota State University, Brookings B.S., Agricultural Engineering, South Dakota State University, Brookings	Professional Engineer, CA No. C56194