

MEMORANDUM



DATE: August 16, 2022

TO: Sierra Valley Groundwater Management
District Board of Directors

Jenny Gant, Board Clerk

COPY TO: Tracey Ferguson, County of Plumas

BETSY ELZUFON

1480 Drew Ave., Suite 100
Davis, CA 95618
530.753.6400
530.753.7030 fax
betsye@LWA.com

**SUBJECT: Additional GSP Category (c) Work Effort
LWA Amendment No. 2 – Budget**

The Larry Walker Associates (LWA) Technical Team began assisting the Sierra Valley Groundwater Management District (SVGMD) in the fall of 2020 with the development of a Groundwater Sustainability Plan (GSP) intended to meet the requirements of the Sustainable Groundwater Management Act (SGMA).

The GSP was successfully submitted to California Department of Water Resources (DWR) as required on January 28, 2022.

Due to complexities introduced by stakeholder input related to aspects of the monitoring network development and the characterization of groundwater dependent ecosystems (GDEs), the effort required to prepare the GSP and conduct Category (c) tasks, as described below, was more than initially budgeted:

The Technical Advisory Committee (TAC) requested an additional detailed analysis to reflect the importance of GDEs, although limited data was available to conduct the analysis, which added to the complexity of the Category (c) Projects and Management Actions (PMA) task (Task 3.7).

Extra work was required to agree on sustainable management criteria (SMCs) for groundwater elevation, GDEs, and subsidence (Task 3.6(a)).

Overall, these factors resulted in added effort for Category (c) GSP production and submittal (Task 3.8).

As such, LWA is requesting a Category (c) budget amendment in the amount of **\$19,110.00** to be authorized by the Board of Directors under Amendment No. 2 to the Professional Services Agreement by and between the SVGMD and LWA, with a revised maximum not to exceed cost to the District in the sum of **\$1,321,168.00**.

LWA worked with Jenny Gant, Tracey Ferguson, and District Counsel to prepare Amendment No. 2.

**AMENDMENT NO. 2
TO THE
PROFESSIONAL SERVICE AGREEMENT
BY AND BETWEEN
THE SIERRA VALLEY GROUNDWATER MANAGEMENT DISTRICT
AND
LARRY WALKER ASSOCIATES, INC.
FOR SUSTAINABLE GROUNDWATER SERVICES**

WHEREAS, an agreement was entered into the 17th day of August, 2020, (“Agreement”) by and between the SIERRA VALLEY GROUNDWATER MANAGEMENT DISTRICT (“DISTRICT”), and LARRY WALKER ASSOCIATES, INC. (“CONTRACTOR”), to provide sustainable groundwater services; and

WHEREAS, the Agreement provides for amendments;

WHEREAS, Amendment No. 1 was approved on March 15, 2021;

WHEREAS, the Agreement provides for a termination date of December 31, 2022; and

WHEREAS, the parties wish to amend the following parts of the Agreement:

1. Section 2.12 (Maximum Cost to District); and
2. The Budget and Bill Rate Schedules (Exhibit B).

NOW, THEREFORE, the parties hereto agree to the following:

1. Amend and restate Section 2.12 (Maximum Cost to District) in its entirety with the following:
 - a. Notwithstanding any other provision of this Agreement, in no event shall the cost to District for the services to be provided hereunder exceed the maximum sum of \$1,321,168.
2. Amend and restate the Budget and Bill Rate Schedules (Exhibit B) in its entirety with the Budget and Bill Rate Schedules (Exhibit B) attached hereto.

In all other respects, the terms of the Agreement are affirmed.

IN WITNESS WHEREOF, the parties hereto have executed this Amendment as of August 15, 2022.

DISTRICT:

CONTRACTOR:

By: _____

Einen Grandi
Board of Directors Chair

By: _____

Brian Laursen
Vice President

Date: _____

Date: _____

Approved as to form:

By: _____

David Prentice
District Counsel

EXHIBIT B - BUDGET

Task	Larry Walker Associates				DBS&A						Judie Talbot	Kennedy Jenks	Stillwater Science	Balance Hydrologic	SCI	Estimated Fee Proposal
	Associates	Senior Engineer	Staff Engineer	Sub-Total	Principal II	Senior I Professional	Senior II Programmer	Staff III Professional	Staff II Professional	Sub-Total	Sub-Total	Sub-Total	Sub-Total	Sub-Total	Sub-Total	
	Categories (a) - (c) rates	\$266	\$239	\$206	\$260	\$215	\$190	\$145	\$135	\$135						
Category (d) rates	\$274	\$246	\$212		\$265	\$215	\$190	\$148	\$137							
Task 1. Category (a) Grant Agreement Administration																
Serve as the General Project Manager	80	80		\$ 40,400						\$ -			\$ 6,000			
Manage overall project implementation				\$ -						\$ -			\$ 4,000			
Generate quarterly progress reports, invoices and documentation				\$ -						\$ -			\$ 3,000			
Create a draft Grant Completion report				\$ -						\$ -			\$ 3,000			
Complete a Final Grant Completion report				\$ -						\$ -			\$ 3,000			
Review GSA policies and contracting procedures				\$ -						\$ -			\$ 4,000			
Task Subtotal	80	80	0	\$ 40,400						\$ -	\$ -	\$ 23,000	\$ -			\$ 63,400
Task 2. Category (b) Stakeholder Engagement/Outreach																
Engage with tribes	12	24		\$ 8,928						\$ -		\$ -				
Outreach, stakeholder engagement and facilitation, update plan	40	60	40	\$ 33,220	20				24	\$ 8,440	540	\$ 72,900				
Presentation materials for technical meetings	24	24		\$ 12,120	20				40	\$ 10,600		\$ -				
Meeting summaries for the quarterly progress report	16			\$ 4,256						\$ -		\$ -				
Task Subtotal				\$ 58,524						\$ 19,040		\$ 72,900	\$ -	\$ -		\$ 150,464
Task 3. Category (c) GSP Development																
3.1 Initial Notification of GSP Preparation				\$ -						\$ -			\$ 5,000			
3.2 Data Collection and Analysis		8	40	\$ 10,152			40	60	80	\$ 27,100			\$ 16,294	\$ 15,000		
3.3 Integrated Hydrologic Modeling	24	24	60	\$ 24,480	100	200		600	800	\$ 264,000						
3.4 GSP Administrative Information	20	24		\$ 11,056						\$ -						
3.5 Basin Setting		24	40	\$ 13,976	60			160	160	\$ 60,400						
3.6 (a) Sustainable Management Criteria	78	122	204	\$ 91,930						\$ -			\$ 17,337	\$ 10,000		
3.6 (b) Data Gap and Monitoring Network Assessment for SMC	8	20	120	\$ 31,628						\$ -			\$ 5,592	\$ 10,000		
3.7 Projects and Management Actions	44	60	180	\$ 63,124						\$ -		\$ 14,000	\$ 5,935			
3.8 GSP Production and Submittal	99	40	129	\$ 62,468						\$ -		\$ 60,000				
Task Subtotal	273	322	773	\$ 308,814						\$ 351,500	\$ -	\$ 79,000	\$ 45,158	\$ 35,000		\$ 819,472
Task 4. Category (d) - Monitoring Networks and Data Management																
4.1 Protocols for Data Collection and Monitoring	24	40	80	\$ 33,376						\$ -						\$ 33,376
4.2 Data and Reporting Standards	20	24	40	\$ 19,864						\$ -		\$ -				\$ 19,864
4.3 Data Management System	20		13	\$ 8,236	40			120	160	\$ 50,280	20	\$ 2,700				\$ 61,216
4.4 (a) Subsidence network	20	40	80	\$ 32,280						\$ -		\$ -				\$ 32,280
4.4 (b) Well Network expansion using CASGEM	20	40	80	\$ 32,280						\$ -	20	\$ 2,700		\$ 15,000		\$ 49,980
4.4 (d) Groundwater Dependent Ecosystems	4	16		\$ 5,032						\$ -		\$ -	\$ 8,500	\$ 40,000		\$ 53,532
4.5 Financial and Economic Resources Assessment	16			\$ 4,384						\$ -	20	\$ 2,700			\$ 22,500	\$ 29,584
Task Subtotal	124	160	293	\$ 135,452						\$ 50,280	\$ 8,100	\$ -	\$ 8,500	\$ 55,000	\$ 22,500	\$ 279,832
Task 6. Category (d) - Monitoring Networks																
Coordinate with others (McGinley & Associates)	12		12	\$ 5,832						\$ -				\$ 2,168		\$ 8,000
Task Subtotal	12		12	\$ 5,832						\$ -	\$ -	\$ -	\$ -	\$ 2,168	\$ -	\$ 8,000
Total=																
Categories (a) - (c) Subtotal				\$ 407,738						\$ 370,540	\$ 72,900	\$ 102,000	\$ 45,158	\$ 35,000	\$ -	\$ 1,033,336
Category (d) Subtotal				\$ 141,284						\$ 50,280	\$ 8,100	\$ -	\$ 8,500	\$ 57,168	\$ 22,500	\$ 287,832
TOTAL				\$ 549,022						\$ 420,820	\$ 81,000	\$ 102,000	\$ 53,658	\$ 92,168	\$ 22,500	\$ 1,321,168

LARRY WALKER ASSOCIATES

Rate Schedule

PERSONNEL	Rate \$/Hour	REIMBURSABLE COSTS
<i>Administrative</i>	\$ 93	Travel:
<i>Contract Administrator (Andrew)</i>	\$129	Local mileage Current IRS rate
		Transportation Actual expense
		Auto rental Actual commercial rate
<i>Project Staff I-C</i>	\$119	Fares Actual expense
		Room Actual expense
<i>Project Staff I-B</i>	\$152	Subsistence ⁽¹⁾ \$48 per day
<i>Project Staff I-A</i>	\$180	The rate for each meal as follows: ⁽¹⁾
		Breakfast \$ 9
<i>Project Staff II-B</i>	\$191	Lunch \$13
		Dinner \$21
<i>Project Staff II-A</i>	\$212	Incidentals \$ 5
<i>Senior Staff</i>	\$246	Report Reproduction and Copying:
<i>Associate</i>	\$274	Actual expense
		Black and white copy, in-house \$0.08
<i>Vice President</i>	\$299	Color copy, in-house \$0.89
		Binding, in-house \$1.95
<i>Executive VP</i>	\$312	Special Postage and Express Mail:
<i>Senior Executive</i>	\$328	Actual expense
<i>President</i>	\$328	Other Direct Costs:
		Actual expense
		Daily Equipment Rental Rates:
		Single parameter meters & \$ 30
		equipment
		Digital Flow Meter \$ 60
		Multi-parameter field meters & \$100
		sondes
		Dye/tracer mapping or residence time \$200
		Multi-parameter continuous remote \$ 40
		sensing
		Subcontractors:
		Actual expense plus 10% fee

Note: ⁽¹⁾ Charged when overnight lodging is required.

DBSA Rates

Principal Professional II	\$260	Morgan, Tony
Staff Professional II	\$135	Tolley, Gus
Senior Professional I	\$215	Botros, Farag
Senior Professional I	\$215	Schnaar, Gregory
Staff Professional II	\$135	Schwartz, Kaelyn
Staff Professional III	\$145	Erbele, Hannah
Senior Professional II	\$190	Buczek, Gregory

Judie Talbot Rate

\$135/hour

Client/Address: Larry Walker Associates, Inc
 1480 Drew Avenue, Suite 100
 Davis, CA 95618

Contract/Proposal Date: August 12, 2020

Custom Schedule of Charges

Date: August 12, 2020

PERSONNEL COMPENSATION

Classification	Hourly Rate
Engineer-Scientist-Specialist 1	\$134
Engineer-Scientist-Specialist 2	\$170
Engineer-Scientist-Specialist 3	\$191
Engineer-Scientist-Specialist 4	\$206
Engineer-Scientist-Specialist 5	\$227
Engineer-Scientist-Specialist 6	\$252
Engineer-Scientist-Specialist 7	\$278
Engineer-Scientist-Specialist 8	\$299
Engineer-Scientist-Specialist 9	\$314
CAD-Technician	\$124
Senior CAD-Technician	\$144
CAD-Designer	\$160
Senior CAD-Designer	\$180
Project Administrator	\$134
Administrative Assistant	\$113
Aide.....	\$88

In addition to the above Hourly Rates, a four percent Communications Surcharge will be added to Personnel Compensation for normal and incidental copies, communications and postage.

Direct Expenses

Reimbursement for direct expenses, as listed below, incurred in connection with the work, will be at cost plus ten percent for items such as:

- a. Maps, photographs, 3rd party reproductions, 3rd party printing, equipment rental, and special supplies related to the work.
- b. Consultants, soils engineers, surveyors, contractors, and other outside services.
- c. Rented vehicles, local public transportation and taxis, travel and subsistence.
- d. Project specific telecommunications and delivery charges.
- e. Special fees, insurance, permits, and licenses applicable to the work.
- f. Outside computer processing, computation, and proprietary programs purchased for the work.

Reimbursement for vehicles used in connection with the work will be at the federally approved mileage rates or at a negotiated monthly rate.

If prevailing wage rates apply, the above billing rates will be adjusted as appropriate.

Overtime for non-exempt employees will be billed at one and a half times the Hourly Rates specified above.

Rates for professional staff for legal proceedings or as expert witnesses will be at rates one and one-half times the Hourly Rates specified above.

Excise and gross receipts taxes, if any, will be added as a direct expense.

The foregoing Schedule of Charges is incorporated into the agreement for the services provided.



Stillwater Sciences Hourly Billing Rates

Billing Classification	Billing Rate
S/A 1	68
S/A 2	80
S/A 3	88
S/E 4	98
S/E 5	104
S/E 6	112
S/E 7	119
S/E 8	123
S/E 9	132
S/E 10	140
S/E 11	151
S/E 12	159
S/E 13	169
S/E 14	179
S/E 15	191
S/E 16	206
S/E 17	230
S/E 18	242
S/E 19	257
S/E 20	273

S/A = Scientist/Administrator; S/E = Scientist/Engineer

These are applied for labor-hour level-of-effort contracts with reimbursement for expenses (including travel expenses and subcontractors) at cost plus 10%.

2855 Telegraph Avenue
Suite 400
Berkeley, CA 94705
510.848.8098

279 Cousteau Place
Suite 400
Davis, CA 95618
530.756.7550

850 G Street
Suite K
Arcata, CA 95521
707.822.9607

895 Napa Avenue
Suite B-4
Morro Bay, CA 93442
805.570.7499

555 W. 5th Street
35th Floor
Los Angeles, CA 90013
424.302.3910

108 NW Ninth Avenue
Suite 202
Portland, OR 97209
503.267.9006

***PROFESSIONAL FEE SCHEDULE
BALANCE HYDROLOGICS, INC.**

Scientific and Engineering Staff[†]	<u>Hourly Rate</u>
Senior Principal	\$245
Principal II	\$220
Principal I	\$210
Senior Professional	\$190
Project Professional	\$180
Senior Staff Professional	\$165
Staff Professional	\$140
Assistant Professional	\$130
Junior Professional	\$125
Support Staff	
GIS Senior Analyst	\$135
GIS/CADD Analyst	\$125
GIS/CADD Assistant Analyst	\$105
Senior Project Administrator	\$125
Senior Report Specialist	\$105
Report Specialist	\$95
Hydrologic Technician	\$95

- Mileage will be charged at \$0.64/mile (2WD) and \$0.67/mile (4WD, if 4WD needed).
- Rental vehicles will be charged at cost + 10%.
- Nominal use charges are applied for certain field and analytical instruments; fees vary with the nature, duration, and frequency of use. Rate schedule available on request.
- Per diem rates will be charged according to those rates set by the General Services Administration (www.gsa.gov) based on location, or nearest location to project site.
- Project-related expenses will be billed at cost plus 10%, including work by outside consultants and analytical or testing laboratories.
- Certain surcharges and minimums apply to courtroom or hearing testimony; particulars available upon request.

[†] Includes environmental scientists and engineers practicing in hydrology, geology, soil and watershed sciences, and civil and erosion-control engineering.