

**AMENDMENT NO. 3 TO AGREEMENT A4418A
BETWEEN THE SANTA CLARA VALLEY WATER DISTRICT
AND COWI NORTH AMERICA, INC.**

This Amendment No. 3 (Amendment), effective as of the date it is fully executed by the Parties, amends the terms and conditions of the Standard Consultant Agreement A4418A dated January 5, 2021, as amended by Amendment No. 1 dated December 13, 2022, and Amendment No. 2 dated February 27, 2024 (as amended, the Agreement) between SANTA CLARA VALLEY WATER DISTRICT (Valley Water) and COWI NORTH AMERICA, INC., (Consultant), collectively, the Parties.

RECITALS

WHEREAS, the Consultant is currently providing professional construction management services for Valley Water's Anderson Dam Tunnel Project (ADTP); and

WHEREAS, the Agreement currently expires on April 30, 2026; and

WHEREAS, the Parties desire to extend the term of the Agreement for Consultant to perform additional construction management services for ADTP; to increase the Not-To-Exceed fee to provide funds for the additional services and to amend the Agreement to incorporate administrative changes.

NOW, THEREFORE, in consideration of the mutual promises and agreements stated herein and notwithstanding anything to the contrary stated in the Agreement, Amendment No. 1 and Amendment No. 2, Valley Water and Consultant hereby agree to amend the Agreement as follows:

1. Revised Schedule CM, Scope of Services, Section 1. Representative, is amended to state as follows:

"1. Representatives

- A. Valley Water's representatives are as listed below. Unless otherwise provided in this Agreement, all correspondence to Valley Water must be addressed to the Valley Water Project Manager (VWPM).

Alen Masic (Valley Water Project Manager)
Senior Engineer
Water Utility Capital Division
Santa Clara Valley Water District
5750 Almaden Expressway
San Jose, CA 95118-3638

Phone: (408) 630-2452
Email: amasic@valleywater.org

Ryan McCarter
Deputy Operating Officer
Dam Safety and Capital Delivery Unit
Santa Clara Valley Water District
5750 Almaden Expressway

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AND COWI NORTH AMERICA, INC.**

Phone: (408) 630-2983

Email: rmccarter@valleywater.org

- B. The Consultant's Project Manager is as listed below. All Valley Water questions pertaining to this Agreement shall be referred to the Consultant's Project Manager.

Jack Gerwick, P.E.
Sr. Project Manager
COWI North America, Inc.
Sr. Project Manager
555 12th Street, Suite 1700
Oakland, CA 94607

Phone: (650) 468-7583

Email: jckg@cowi.com

- C. The Consultant's Principal Officer for this Agreement is as listed below. As per the Agreement, Section Twelve, Miscellaneous Provisions, subsection 18. Notices, all notices pertaining to this Agreement must be submitted to the Consultant's Principal Officer.

Thomas Dahlgren
President
COWI North America, Inc.
88 Pine Street/Wall Street Plaza, 4th Floor
New York, NY 10005

Phone: (929) 526-0306

Email: thda@cowi.com ”

2. Revised Schedule CM, Scope of Services, Section 4. Project Background, subtask K, is amended to state as follows:

“K. Project construction schedule is tentatively estimated as follows:

DESCRIPTION	APPROXIMATE DATES
Construction Notice to Proceed	May 2021
Mobilization	May 2021 to October 2021
Construct Diversion Portal	October 2021 to July 2022
Construct Diversion Outlet Foundation	June 2022 to December 2022
Construction of Tunnel	June 2022 to October 2026
Construction of Outlet Structure	December 2022 to November 2025
Construction of Coyote Creek Channel Improvements	August 2022 to October 2025
Construction of Existing Intake Stabilization Improvements	May 2025 to August 2025
Restorations and Landscape Establishment Period	October 2026 to December 2028

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3. Revised Schedule CM, Revised Attachment One, Fees and Payments, is amended as set forth in the Revised Schedule CM, Revised Attachment One, Fees and Payments, attached hereto and incorporated herein by this reference.
4. Revised Schedule CM, Revised Attachment Two, Schedule of Completion, is amended as set forth in the Revised Schedule CM, Revised Attachment Two, Schedule of Completion, attached hereto and incorporated herein by this reference.
5. Revised Schedule CM, Revised Attachment Three, Consultants Key Staff and Subconsultants, is amended as set forth in the Revised Schedule CM, Revised Attachment, Consultants Key Staff and Subconsultants, attached hereto and incorporated herein by this reference.
6. All other terms and conditions of the Agreement not otherwise amended as stated herein remain in full force and effect.

IN WITNESS WHEREOF, THE PARTIES HAVE SET FORTH BELOW THEIR CONSENT TO THE TERMS AND CONDITIONS OF THIS AMENDMENT NO. 3 TO AGREEMENT A4418A THROUGH THE SIGNATURES OF THEIR DULY AUTHORIZED REPRESENTATIVES.

SANTA CLARA VALLEY WATER DISTRICT
Valley Water

By: _____
Tony Estremera
Chair, Board of Directors

Date: July 8, 2025

ATTEST:

Candice Kwok-Smith
Clerk, Board of Directors

COWI NORTH AMERICA, INC.

Consultant
DocuSigned by:

By: Thomas Dahlgren
Thomas Dahlgren
President

Date: 5/29/2025

Consultant's Address:
88 Pine Street/Wall Street Plaza, 4th Floor
New York, NY 10005

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**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

1. Total Authorized Funding (REVISED)

Total payment for Services performed, to the satisfaction of Valley Water, as described in the Schedule(s) will not exceed a total amount of **\$53,170,972** (Not-to-Exceed Fees or NTE). Under no conditions will the total compensation to the Consultant exceed this NTE payment amount without prior written approval in the form of an amendment to this Agreement executed by Valley Water's Board of Directors (Board), or Chief Executive Officer, or designee, as authorized by the Board.

2. Cost Breakdown (REVISED)

The NTE total compensation of this Agreement consists of the following task fee breakdown. No services will be performed, or fees paid by Valley Water to the Consultant for Supplemental Services without prior written authorization by Valley Water as stated in this Agreement.

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REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

REVISED COST BREAKDOWN (REVISED)

Task	Description	Original Not-to-Exceed Fees	Fund Re-Allocation 9/10/2021	Fund Re-Allocation 4/1/2022	Amendment No. 1	Amendment No. 2	Amendment No. 3	Revised NTE Fees Total
1	Project Management	\$4,410,000	-	-	-	\$2,070,000	\$1,180,000	\$7,660,000
2	Preconstruction Services	\$180,000	(\$98,409.19)	-	-	-	-	\$81,591
3	Construction Management	\$3,340,000	-	-	-	\$2,860,000	\$3,860,000	\$10,060,000
4	Quality Assurance and Quality Control (QA/QC)	\$660,000	-	-	-	\$160,000	\$285,000	\$1,105,000
5	Safety Management	\$1,180,000	-	(\$800,000)	-	-	-	\$380,000
6	Training, Testing, Start-Up, and Commissioning	\$150,000	-	-	-	-	-	\$150,000
7	Construction Inspections	\$7,090,000	-	-	-	\$1,500,000	\$2,460,000	\$11,050,000
8	Partnering, Claims and Disputes Management	\$240,000	-	-	-	\$180,000	-	\$420,000
9	Environmental Compliance Services	\$700,000	-	-	\$8,584,817	\$2,580,000	\$4,950,000	\$16,814,817
10	Acceptance and Closeout	\$200,000	-	-	-	-	-	\$200,000
11	Supplemental Services	\$2,315,000	\$98,409.19	\$800,000	-	\$762,655	\$1,273,500	\$5,249,564
Total Not-to-Exceed Fees		\$20,465,000	-	-	\$8,584,817	\$10,112,655	\$14,008,500	\$53,170,972

NOTE: Fund reallocations were approved administratively as documented in letters from Valley Water to the Consultant dated September 10, 2021, and April 1, 2022, also documented in VW's internal administrative form (FC 1165) and have been incorporated into this Amendment No. 1.

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

3. Terms and Conditions (UNCHANGED)

A. Payments for Services performed, as described in this Schedule, which applies to the specific Services, will be based on the following terms.

- 1) Valley Water will pay for Services provided by the Consultant according to the schedule of rates for professional, technical, and administrative personnel, as well as materials and supplies as listed below in the Hourly/Unit Rate Schedule.
- 2) The stated hourly rates are effective for the term of this Agreement unless otherwise revised as indicated. After 12 months from the date this Agreement is entered into by parties ("anniversary date"), and each 12 months thereafter, these hourly rates may be negotiated by the Consultant and Valley Water, provided Consultant submits written notice to Valley Water of Consultant's request to revise the hourly rates 90 calendar days prior to the anniversary date of this Agreement. Both parties will use as a benchmark for negotiations the percent change for the previous 12 months of the "Employment Cost Index (ECI), for total compensation for private industry workers, for the San Francisco-Oakland-San Jose, CA CSA Census region and metropolitan area (not seasonally adjusted)" as published by the U.S. Department of Labor, Bureau of Labor Statistics, or 3%, whichever is less. A negative index will result in rates remaining the same. Such rate revisions are subject to written approval by Valley Water's Deputy Operating Officer.

B. Reimbursable Expenses

- 1) All reimbursable expenses not already covered in overhead may include, but are not limited to, mapping, rendering, printouts, leased equipment, mailing and delivery services, printing services, film and processing, plotting, and supplies. These other direct expenses as approved by Valley Water Project Manager will be billed on a monthly basis at actual cost linked to each Agreement Task, provided that the Task total NTE amount is not exceeded. Consultant shall provide receipts for each other direct expense item(s) with monthly invoices submitted. No markup will be applied to reimbursable expenses, either by the Consultant or by its subconsultants, subcontractors, or vendors. Consultant shall provide invoices for all such services regardless of cost.
- 2) Equipment purchased on behalf of Valley Water that costs \$50 or more must receive the prior written approval of Valley Water Project Manager. All equipment purchased on behalf of Valley Water and paid for by Valley Water shall become the property of Valley Water and be delivered to Valley Water prior to expiration of this Agreement.
- 3) Travel expenses are reimbursed at actual costs. Travel and overnight accommodations, including per diem, required for performance of this Agreement will be paid at reasonable cost not to exceed the U.S. General Services Agency Per Diem Rates for Sunnyvale/Palo Alto/San Jose, California area, provided prior approval has been obtained from Valley Water Project Manager. For air travel, Valley Water will pay the cost of a coach class or equivalent ticket. Where air travel is required, Valley Water will pay the total cost of taxi, rideshare, public transportation,

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or a rental car, which may include insurance, gas, car fee, and taxes and will be paid at the actual costs incurred. Vehicle rental is limited to a compact or economy model, unless prior approval has been obtained from Valley Water Project Manager for a different type of vehicle.

C. A markup of 5% will apply to the Consultant only to manage Subconsultants, subcontractors and vendors, including lab services.

D. For staff with rates exceeding the rate of \$344.66/hr, the Consultant must obtain written approval from the District Project Manager as to the numbers of hours per task prior to that individual working on the Project.

E. Prevailing Wage Requirements

- 1) The Scope of Services described in Tasks 3, 6, and 7 are considered by Valley Water to be “Public Works” requiring the payment of prevailing wages. See the Standard Consultant Agreement Section Four, Fees and Payments, subsection 3. Prevailing Wages.
- 2) In accordance with prevailing wage laws, the Director of the California Department of Industrial Relations (Director) has ascertained the general prevailing rate of wages and employer payments for health and welfare, pension, vacation, and similar purposes available to the particular craft, classification, or type of workers employed on the Project. These rates are set forth in the latest determination obtained from the Director, which is on file in Valley Water’s Office of the Clerk of the Board of Directors and incorporated herein by reference the same as though set forth in full. The rates are also available on the State of California Department of Industrial Relations website at <http://www.dir.ca.gov>.

F. Fees and Payments Attachments

- 1) Consultant has retained subconsultant, Apex Testing Laboratories, Inc., to perform certain services as described in this Agreement. The terms and conditions set forth in Schedule CM, Attachment One, Fees and Payments, Attachment A, apply solely to the contractual relationship between Consultant and Apex Testing Laboratories, Inc., and are not part of this Agreement between District and Consultant. Attachment A below is provided solely to document the Fee Schedule that applies to services performed by Apex Laboratories, Inc. pursuant to this Agreement.
- 2) The following listed Attachment A referred to herein is incorporated in this Attachment One, Fees and Payments, as though set forth in full:

Attachment A: Materials Testing and Inspection Schedule of Fees – Cost/Pricing Information.

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REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

**HOURLY/UNIT RATE TABLE (REVISED)
ORIGINAL AGREEMENT – AMENDMENT NO. 1**

CLASSIFICATION	ORIGINAL HOURLY/ UNIT RATE (EFFECTIVE 1/5/2021)	HOURLY/ UNIT RATE (EFFECTIVE 9/1/2021)	HOURLY/ UNIT RATE (EFFECTIVE 11/15/2021)	HOURLY/ UNIT RATE (EFFECTIVE 12/1/2021)	HOURLY/ UNIT RATE (EFFECTIVE 1/5/22) ³	HOURLY/ UNIT RATE (EFFECTIVE 2/1/2022 ² & 2/14/2022 ²)	HOURLY/ UNIT RATE (EFFECTIVE 3/1/2022 ² & 4/1/2022 ²)	HOURLY/ UNIT RATE (EFFECTIVE 8/1/2022 ² & 8/22/2022 ²)
Consultant: COWI North America								
Accountant/Admin Asst.	\$133.89	-	-	-	\$137.91	-	-	-
As-Builts CAD Technician	\$154.48	-	-	-	\$159.11	-	-	-
Assistant Project Manager / Contract Administrator	-	\$175.00	-	-	\$180.25	-	-	-
Assistant Resident Engineer Underground	\$214.59	-	-	-	\$221.03	-	-	-
Cost Engineer	-	\$165.00	-	-	\$169.95	-	-	-
DCS System Administrator	-	\$145.00	-	-	\$149.35	-	-	-
Document Control Technician	-	\$120.00	-	-	\$123.60	-	-	-
Office Engineer	\$187.75	-	-	-	\$193.38	-	-	-
Project Controls Manager	\$236.01	-	-	-	\$243.09	-	-	-
Quality Assurance Manager	\$176.71	-	-	-	\$182.01	-	-	-
Reports Coordinator	\$74.38	-	-	-	\$76.61	-	-	-
Safety Manager	\$214.59	-	-	-	\$221.03	-	-	-
Sr. Project Manager	\$315.41	-	-	-	\$324.87	-	-	-
Subconsultant: Cal Engineering & Geology, Inc. (Now known as Haley & Aldrich effective April 1, 2023)								
Assistant Civil Inspector	-	-	-	-	-	\$169.45	-	-
Associate Engineer/Geologist	-	\$169.93	-	-	\$175.03	-	-	-
Civil Inspector	\$258.93	-	-	-	\$266.70	-	-	-
Computational Geoscientist	-	\$134.86	-	-	\$138.91	-	-	-
Project Engineer/Geologist	-	\$125.41	-	-	\$129.17	-	-	-

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Construction Management Services for the Anderson Dam Tunnel Project
Ver: 5/27/25

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REVISED ATTACHMENT ONE
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CLASSIFICATION	ORIGINAL HOURLY/ UNIT RATE (EFFECTIVE 1/5/2021)	HOURLY/ UNIT RATE (EFFECTIVE 9/1/2021)	HOURLY/ UNIT RATE (EFFECTIVE 11/15/2021)	HOURLY/ UNIT RATE (EFFECTIVE 12/1/2021)	HOURLY/ UNIT RATE (EFFECTIVE 1/5/22)³	HOURLY/ UNIT RATE (EFFECTIVE 2/1/2022² & 2/14/2022²)	HOURLY/ UNIT RATE (EFFECTIVE 3/1/2022² & 4/1/2022²)	HOURLY/ UNIT RATE (EFFECTIVE 8/1/2022² & 8/22/2022²)
Rim Stability Expert	\$236.12	-	-	-	\$243.20	-	-	-
Senior Engineer/Geologist	-	\$164.51	-	-	\$169.45	-	-	-
Staff Engineer/Geologist	-	\$108.00	-	-	\$111.24	-	-	-
Subconsultant: Concentric Environmental, LLC								
Air Quality Program Manager	-	-	\$157.90	-	-	-	-	-
Subconsultant: ESA Science Associates								
Air Quality Monitor	-	-	-	\$130.39	-	-	\$134.30	-
Environmental Compliance Coordinator	-	\$176.32	-	-	\$181.61	-	-	-
Environmental Monitor	-	\$109.09	-	-	\$112.36	-	-	-
Environmental Compliance Manager	\$232.91	-	-	-	\$239.90	-	-	-
Senior Water Quality Scientist	-	\$215.99	-	-	\$222.47	-	-	-
Water Quality Scientist	-	\$138.84	-	-	\$143.01	-	-	-
Subconsultant: GHD								
Contract Administration Support	-	\$141.50	-	-	\$145.75	-	-	-
Contract Administrator	\$175.54	-	-	-	\$180.81	-	-	-
Dam Construction Expert	\$275.77	-	-	-	\$284.04	-	-	-
Reservoir Operations/Hydraulics Expert	-	-	-	-	\$204.38	-	-	-
Tunnel / Geotech Expert	\$233.64	-	-	-	\$240.65	-	-	-
Subconsultant: JCK Underground								
Bid Documents/ Constructability Evaluation	\$285.48	-	-	-	\$294.04	-	-	-
Chief Inspector 2								\$188.87

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CLASSIFICATION	ORIGINAL HOURLY/ UNIT RATE (EFFECTIVE 1/5/2021)	HOURLY/ UNIT RATE (EFFECTIVE 9/1/2021)	HOURLY/ UNIT RATE (EFFECTIVE 11/15/2021)	HOURLY/ UNIT RATE (EFFECTIVE 12/1/2021)	HOURLY/ UNIT RATE (EFFECTIVE 1/5/22)³	HOURLY/ UNIT RATE (EFFECTIVE 2/1/2022² & 2/14/2022²)	HOURLY/ UNIT RATE (EFFECTIVE 3/1/2022² & 4/1/2022²)	HOURLY/ UNIT RATE (EFFECTIVE 8/1/2022² & 8/22/2022²)
Cost Estimator 3	-	\$266.00	-	-	\$273.98	-	-	-
Resident Engineer 2	-	-	-	-	-	-	-	\$304.29
Estimating / Takeoffs	-	\$145.00	-	-	\$149.35	-	-	-
Tunnel Construction Engineer	-	\$285.00	-	-	\$294.04	-	-	-
Subconsultant: PMA Consultants								
Scheduler	\$288.21	-	-	-	\$296.86	-	-	-
Subconsultant: Schnabel Engineering West, Inc.								
Cost Estimator 2	-	\$165.00	-	-	\$169.95	-	-	-
Field Engineer	-	\$100.12	-	-	\$103.12	-	-	-
Geotechnical Engineer	-	-	-	-	-	\$178.23	-	-
Program Management Expert	\$226.83	-	-	-	\$233.63	-	-	-
Project Engineer	-	-	-	-	-	-	\$168.00	-
Resident Engineer	\$218.02	-	-	-	\$224.56	-	-	-
Risk Manager	\$138.74	-	-	-	\$142.90	-	-	-
Senior Underground Inspector	-	-	-	-	-	-	\$180.00	-
Tunnel Inspector 1	\$129.93	-	-	-	\$133.83	-	-	-
Subconsultant: Tanner Pacific, Inc.								
Assistant Cost Estimator	-	\$165.00	-	-	\$133.83	-	-	-
Assistant Office Engineer	-	170.75	-	-	\$175.87	-	-	-
Associate Cost Estimator	-	\$195.00	-	-	\$200.85	-	-	-
Chief Inspector	\$226.05	-	-	-	\$232.83	-	-	-
Claims Analyst	-	\$195.75	-	-	\$201.62	-	-	-
Claims/Disputes Administration	\$286.33	-	-	-	\$294.92	-	-	-
Cost Estimator	\$278.22	-	-	-	\$286.57	-	-	-
Sr. Claims Analyst	-	\$260.50	-	-	\$268.32	-	-	-
Sr. Electrical Inspector	-	\$250.00	-	-	\$257.50	-	-	-
Sr. Mechanical Inspector	-	\$227.25	-	-	\$234.07	-	-	-

Amendment No. 3 to Agreement A4418Ac
Construction Management Services for the Anderson Dam Tunnel Project
Ver: 5/27/25

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REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
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CLASSIFICATION	ORIGINAL HOURLY/ UNIT RATE (EFFECTIVE 1/5/2021)	HOURLY/ UNIT RATE (EFFECTIVE 9/1/2021)	HOURLY/ UNIT RATE (EFFECTIVE 11/15/2021)	HOURLY/ UNIT RATE (EFFECTIVE 12/1/2021)	HOURLY/ UNIT RATE (EFFECTIVE 1/5/22) ³	HOURLY/ UNIT RATE (EFFECTIVE 2/1/2022 ² & 2/14/2022 ²)	HOURLY/ UNIT RATE (EFFECTIVE 3/1/2022 ² & 4/1/2022 ²)	HOURLY/ UNIT RATE (EFFECTIVE 8/1/2022 ² & 8/22/2022 ²)
Sr Tunnel Inspector	\$259.87	-	-	-	\$267.67	-	-	-
Tunnel Inspector 2	\$210.68	-	-	-	\$217.00	-	-	-
Tunnel Safety Manager	\$262.22	-	-	-	\$270.09	-	-	-
Subconsultant: Thier Group								
Public Relations Mgr.	\$199.43	-	-	-	\$205.41	-	-	-
Subconsultant: Apex Testing Laboratories, Inc.								
Materials Testing and Inspection Services	For Materials Testing and Inspections Fees, Refer to Attachment A to this Attachment One							

Notes:

1. Classifications indicated as onsite shall be billed with the field overhead rate for services provided at the Project site during term of the Agreement.
2. New classifications and rates were approved administratively as documents in letters from Valley Water to Consultant dated February 1, 2022, February 14, 2022, March 1, 2022, April 1, 2022, and August 22, 2022, also documented in District's internal administrative form (FC 1165) and have been incorporated in Amendment No. 1.
3. Hourly rates for Consultant and Subconsultants were approved administratively as documented in letters from Valley Water to Consultant dated September 1, 2021, November 15, 2021, December 1, 2021, January 5, 2022, February 14, 2022, April 19, 2022, May 6, 2022, June 6, 2022, July 15, 2022, and July 20, 2022, also documented in District's internal administrative form (FC 1165) and have been incorporated in Amendment No. 1.

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**HOURLY/UNIT RATE TABLE (REVISED)
AMENDMENT NO. 2**

CLASSIFICATION	HOURLY/ UNIT RATE (EFFECTIVE 1/1/2023 ² & 1/5/2023) ²	HOURLY/ UNIT RATE (EFFECTIVE 2/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 3/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 4/1/2023 ¹ & 7/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 8/1/2023 ¹ & 8/14/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 12/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2024) ²	HOURLY/ UNIT RATE (EFFECTIVE 5/1/2024) ¹
Consultant: COWI North America								
Accountant/Admin Asst.	\$142.04	-	-	-	-	-	\$146.30	-
As-Builts CAD Technician	\$163.89	-	-	-	-	-	\$168.81	-
Assistant Project Manager / Contract Administrator	\$185.66	-	-	-	-	-	\$191.23	-
Assistant Resident Engineer Underground	\$227.66	-	-	-	-	-	\$234.49	-
Cost Engineer	\$175.05	-	-	-	-	-	\$180.30	-
DCS System Administrator	\$153.83	-	-	-	-	-	\$158.44	-
Document Control Technician	\$127.31	-	-	-	-	-	\$131.13	-
Marine Inspector	-	-	-	-	\$265.00	-	\$272.95	-
Office Engineer	\$199.18	-	-	-	-	-	\$205.16	-
Project Controls Manager	\$250.38	-	-	-	-	-	\$257.89	-
Project Engineer	-	-	-	-	\$175.05	-	\$180.30	-
Quality Assurance Manager	\$187.47	-	-	-	-	-	\$193.09	-
Reports Coordinator	\$78.91	-	-	-	-	-	\$81.28	-
Safety Manager	\$227.66	-	-	-	-	-	\$234.49	-
Sr. Claim Analyst	-	-	-	-	\$238.99	-	\$246.16	-
Sr. Project Manager	\$334.62	-	-	-	-	-	\$344.66	-
Tunnel/Geotech Expert	-	\$250.00	-	-	-	-	\$257.50	-
Subconsultant: Cal Engineering & Geology, Inc. (Now known as Haley & Aldrich effective April 1, 2023)								
Assistant Civil Inspector	\$174.53	-	-	-	-	-	\$179.77	-
Associate Engineer/Geologist	\$180.28	-	-	-	-	-	\$185.69	-
Civil Inspector	\$274.70	-	-	-	-	-	\$282.94	-
Computational Geoscientist	\$143.07	-	-	-	-	-	\$147.36	-

Amendment No. 3 to Agreement A4418Ac
Construction Management Services for the Anderson Dam Tunnel Project
Ver: 5/27/25

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REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

CLASSIFICATION	HOURLY/ UNIT RATE (EFFECTIVE 1/1/2023 ² & 1/5/2023) ²	HOURLY/ UNIT RATE (EFFECTIVE 2/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 3/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 4/1/2023 ¹ & 7/1/2023 ¹)	HOURLY/ UNIT RATE (EFFECTIVE 8/1/2023 ¹ & 8/14/2023 ¹)	HOURLY/ UNIT RATE (EFFECTIVE 12/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2024) ²	HOURLY/ UNIT RATE (EFFECTIVE 5/1/2024) ¹
Project Engineer/Geologist	\$133.05	-	-	-	-	-	\$137.04	-
Rim Stability Expert	\$250.50	-	-	-	-	-	\$258.02	-
Senior Engineer/Geologist	\$174.53	-	-	-	-	-	\$179.77	-
Staff Engineer/Geologist	\$114.58	-	-	-	-	-	\$118.02	-
Subconsultant: Concentric Environmental, LLC								
Air Quality Program Manager	-	-	-	-	-	-	-	-
Air Quality Monitoring Senior Program Manager	\$250.00	-	-	-	-	-	\$257.50	-
Subconsultant: ESA Science Associates								
Air Quality Monitor	\$138.33	-	-	-	-	-	\$142.48	-
Environmental Compliance Coordinator	\$187.06	-	-	-	-	-	\$192.67	-
Environmental Monitor	\$115.73	-	-	-	-	-	\$119.20	-
Environmental Compliance Manager	\$247.09	-	-	-	-	-	\$254.50	-
Senior Water Quality Scientist	\$229.14	-	-	-	-	-	\$236.01	-
Water Quality Scientist	\$147.30	-	-	-	-	-	\$151.72	-
Subconsultant: GHD								
Contract Administration Support	\$150.12	-	-	-	-	-	\$154.62	-
Contract Administrator	\$186.23	-	-	-	-	-	\$191.82	-
Dam Construction Expert	\$292.56	-	-	-	-	-	\$301.34	-
Reservoir Operations/Hydraulics Expert	\$210.51	-	-	-	-	-	\$216.83	-
Tunnel / Geotech Expert	\$247.87	-	-	-	-	-	\$255.31	-
Subconsultant: JCK Underground								
Backup Tunnel Inspector 1	-	-	-	\$210.69	-	-	\$217.01	-

Amendment No. 3 to Agreement A4418Ac
Construction Management Services for the Anderson Dam Tunnel Project
Ver: 5/27/25

Agreement No. A4418A / CAS File No. 5135

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

CLASSIFICATION	HOURLY/ UNIT RATE (EFFECTIVE 1/1/2023 ² & 1/5/2023) ²	HOURLY/ UNIT RATE (EFFECTIVE 2/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 3/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 4/1/2023 ¹ & 7/1/2023 ¹)	HOURLY/ UNIT RATE (EFFECTIVE 8/1/2023 ¹ & 8/14/2023 ¹)	HOURLY/ UNIT RATE (EFFECTIVE 12/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2024) ²	HOURLY/ UNIT RATE (EFFECTIVE 5/1/2024) ¹
Backup Tunnel Inspector 2	-	-	-	\$233.22	-	-	\$240.22	-
Backup Tunnel Inspector 3	-	-	-	-	-	\$277.79	\$286.12	-
Bid Documents/ Constructability Evaluation	\$302.87	-	-	-	-	-	\$311.96	-
Chief Inspector 2	\$194.54	-	-	-	-	-	\$200.38	-
Claims/Disputes Administration	-	-	\$303.77	-	-	-	\$312.88	-
Cost Estimator 3	\$282.20	-	-	-	-	-	\$290.67	-
Estimating / Takeoffs	-	-	-	-	-	-	\$158.44	-
Estimating / Takeoffs 2	-	-	\$157.64	-	-	-	\$162.37	-
Resident Engineer 2	\$153.83	-	-	-	-	-	\$322.82	-
Senior Estimator	-	-	\$307.48	-	-	-	\$316.70	-
Staff Estimator 1	-	-	\$176.33	-	-	-	\$181.62	-
Staff Estimator 2	-	-	\$164.24	-	-	-	\$169.17	-
Tunnel Construction Engineer	\$313.42	-	-	-	-	-	\$311.96	-
Subconsultant: PMA Consultants								
Scheduler	-	-	-	-	-	-	\$314.93	-
Subconsultant: Schnabel Engineering West, Inc.								
Cost Estimator	\$175.05	-	-	-	-	-	\$180.30	-
Field Engineer	\$106.22	-	-	-	-	-	\$109.41	-
Geotechnical Engineer	\$183.58	-	-	-	-	-	\$189.09	-
Program Management Expert ¹	\$240.64	-	-	-	-	-	\$247.86	-
Project Engineer	\$173.04	-	-	-	-	-	\$178.23	-
Resident Engineer	\$231.30	-	-	-	-	-	\$238.24	-
Risk Manager	\$147.19	-	-	-	-	-	\$151.61	-
Senior Underground Inspector	\$185.40	-	-	-	-	-	\$190.96	-
Tunnel Inspector 1	\$137.84	-	-	-	-	-	\$141.98	-
Underground Inspector	-	-	-	\$173.04	-	-	\$178.23	-

Amendment No. 3 to Agreement A4418Ac
Construction Management Services for the Anderson Dam Tunnel Project
Ver: 5/27/25

Agreement No. A4418A / CAS File No. 5135

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

CLASSIFICATION	HOURLY/ UNIT RATE (EFFECTIVE 1/1/2023 ² & 1/5/2023) ²	HOURLY/ UNIT RATE (EFFECTIVE 2/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 3/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 4/1/2023 ¹ & 7/1/2023 ¹)	HOURLY/ UNIT RATE (EFFECTIVE 8/1/2023 ¹ & 8/14/2023 ¹)	HOURLY/ UNIT RATE (EFFECTIVE 12/1/2023) ¹	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2024) ²	HOURLY/ UNIT RATE (EFFECTIVE 5/1/2024) ¹
Subconsultant: Tanner Pacific, Inc.								
Assistant Cost Estimator	\$175.05	-	-	-	-	-	\$180.30	-
Assistant Office Engineer	\$181.15	-	-	-	-	-	\$186.58	-
Associate Cost Estimator	\$206.88	-	-	-	-	-	\$213.09	-
Chief Inspector (ST)	\$239.82	-	-	-	-	-	\$247.01	-
Chief Inspector (OT)	-	-	\$280.32	-	-	-	\$288.73	-
Chief Inspector (DT)	-	-	\$320.82	-	-	-	\$330.44	-
Chief Inspector 2	-	-	-	-	-	-	-	\$257.65
Claims Analyst	\$207.67	-	-	-	-	-	\$213.90	-
Claims/Disputes Administration	-	-	\$303.77	-	-	-	\$312.88	-
Cost Estimator	\$295.16	-	-	-	-	-	\$304.01	-
Sr. Claims Analyst	\$276.37	-	-	-	-	-	\$284.66	-
Sr. Electrical Inspector	\$265.23	-	-	-	-	-	\$273.19	-
Sr. Mechanical Inspector	\$241.09	-	-	-	-	-	\$248.32	-
Sr Tunnel Inspector (ST)	\$275.70	-	-	-	-	-	\$283.97	-
Sr Tunnel Inspector (OT)	-	-	\$319.98	-	-	-	\$329.58	-
Sr Tunnel Inspector (DT)	-	-	\$364.25	-	-	-	\$375.18	-
Sr Tunnel Inspector 2	-	-	-	-	-	-	-	\$302.63
Tunnel Inspector 2	\$223.51	-	-	-	-	-	\$230.22	-
Tunnel Safety Manager	\$278.19	-	-	-	-	-	\$286.54	-
Subconsultant: Thier Group								
Public Relations Mgr.	\$211.58	-	-	-	-	-	\$217.93	-
Subconsultant: Apex Testing Laboratories, Inc.								
Materials Testing and Inspection Services	For Materials Testing and Inspections Fees, Refer to Attachment A to this Attachment One							

Notes:

1. New classifications and rates were approved administratively as documents in letters from Valley Water to Consultant dated January 1, 2023, January 5, 2023, February 1, 2023, March 1, 2023, April 1, 2021, July 1, 2023, August 1, 2023, August 14, 2023, December 1, 2023, and December 20, 2023, also documented in District's internal administrative form (FC 1165) and have been incorporated in Amendment No. 2.
2. Hourly rates for Consultant and Subconsultants were approved administratively as documented in letters from Valley Water to Consultant dated December 28, 2023, also documented in District's internal administrative form (FC 1165) and have been incorporated in Amendment No. 2.

Amendment No. 3 to Agreement A4418Ac
Construction Management Services for the Anderson Dam Tunnel Project
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Agreement No. A4418A / CAS File No. 5135

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

Subconsultant: Apex Testing Laboratories, Inc.						
Item Description	Unit of Measure (UOM)	Unit Price (effective 1/5/2021)	Unit Price (effective 8/1/2021)	Unit Price (effective 1/5/2022)	Unit Price (effective 1/5/2023)	Unit Price (effective 1/5/2024)
<u>Construction Quality Control Inspection Program</u>						
Project Specific QC Plan (Draft, Field, and Final)	Hr.	\$158.65	-	\$163.41	\$168.31	\$173.36
Field QC Manager / Lead Inspector	Hr.	\$143.14	-	\$147.43	\$151.85	\$156.41
<u>Soils</u>						
Field Compaction Test	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Nuclear Gauge Equipment Fee*	Hr.	\$10.00	-	\$10.30	\$10.61	\$10.93
Nuclear Gauge Travel Time	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Nuclear Gauge Mileage	Hr.	\$0.56	-	\$0.585	\$0.655	\$0.67
Site Soil Sampling	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Moisture-Density Curves (ASTM D-1557)	Ea.	\$355.00	-	\$365.65	\$376.62	\$387.92
Soil Quality Tests (Plasticity Index)	Ea.	\$270.00	-	\$278.10	\$286.44	\$295.03
Soil Quality Tests (Gradation)	Ea.	\$345.00	-	\$355.35	\$366.01	\$376.99
Soil Quality Tests (Sand Equivalent)	Ea.	\$185.00	-	\$190.55	\$196.27	\$202.16
Geotechnical Engineer	Hr.	\$190.00	-	\$195.70	\$201.57	\$207.62
Rock Correction of Moisture/Density Curves	Ea.	-	\$160.05	\$165.00	\$169.95	\$175.05
Atterberg Limits (Plasticity Index) ASTM D4318 (Dry Prep)	Ea.	-	\$269.76	\$278.10	\$286.44	\$295.03
Atterberg Limits (Plasticity Index) ASTM D4318 (Wet Prep)	Ea.	-	\$237.65	\$245.00	\$252.35	\$259.92
Cleanness Value 1" x #4 (or finer)	Ea.	-	\$184.30	\$190.00	\$195.70	\$201.57
Cleanness Value 1-1/2" x 3/4"	Ea.	-	\$383.15	\$395.00	\$406.85	\$419.06
Cleanness Value 2-1/2" x 1-1/2"	Ea.	-	\$630.50	\$650.00	\$669.50	\$689.59
Cleanness Value Pit Run	Ea.	-	\$252.20	\$260.00	\$267.80	\$275.83
Crushed Particles	Ea.	-	\$160.05	\$165.00	\$169.95	\$175.05
Durability Index (Coarse/Fine)	Ea.	-	\$242.50	\$250.00	\$257.50	\$265.23
Flat and Elongated Particles ASTM D4791	Ea.	-	\$169.75	\$175.00	\$180.25	\$185.66
Los Angeles (LA) Abrasion and Impact ASTM C131	Ea.	-	\$291.00	\$300.00	\$309.00	\$318.27
Sand Equivalent ASTM D2419/CTM 217	Ea.	-	\$184.83	\$190.55	\$196.27	\$202.16
Soundness of Aggregates ASTM C88/CTM 214	Ea.	-	\$160.05	\$165.00	\$169.95	\$175.05

Amendment No. 3 to Agreement A4418Ac
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**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

Subconsultant: Apex Testing Laboratories, Inc.						
Item Description	Unit of Measure (UOM)	Unit Price (effective 1/5/2021)	Unit Price (effective 8/1/2021)	Unit Price (effective 1/5/2022)	Unit Price (effective 1/5/2023)	Unit Price (effective 1/5/2024)
Specific Gravity & Absorption (Coarse/Fine)	Ea.	-	\$169.75	\$175.00	\$180.25	\$185.66
Unit Weight (Bulk Density) and Voids in Aggregate ASTM C29	Ea.	-	\$169.75	\$175.00	\$180.25	\$185.66
Classification of Soils ASTM D2487	Ea.	-	\$63.05	\$65.00	\$66.95	\$68.96
Moisture Content ASTM D2216	Ea.	-	\$38.80	\$40.00	\$41.20	\$42.44
Particle Size Analysis ASTM C136/CTM 202	Ea.	-	\$334.65	\$345.00	\$355.35	\$366.01
Particle Size Analysis ASTM D422	Ea.	-	\$354.05	\$365.00	\$375.95	\$387.23
Resistance "R" Value ASTM D2844/CTM 301	Ea.	-	\$315.25	\$325.00	\$334.75	\$344.79
<u>Asphaltic Concrete</u>						
Batch Plant Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Asphaltic Concrete Placement	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Nuclear Gauge Equipment Fee*	Hr.	\$10.00	-	\$10.30	\$10.61	\$10.93
Bulk Specific Gravity (CTM 308/ASTM D2726)	Ea.	\$115.00	-	\$118.45	\$122.00	\$125.66
Lab Test Maximum Density (CTM 304)	Ea.	\$100.00	-	\$103.00	\$106.09	\$109.27
Rice Density (ASTM D2041)	Ea.	\$250.00	-	\$257.50	\$265.23	\$273.18
Asphalt Content (CTM 382/ASTM D6307)	Ea.	\$325.00	-	\$334.75	\$344.79	\$355.13
ASTM D5444 Gradation of extracted sample incl. #200 wash	Ea.	-	\$189.15	\$195.00	\$200.85	\$206.88
<u>Reinforcing Steel</u>						
Reinforcing Steel Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Review Mill Certificates	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Identify, Sample and Tag at Supplier's Shop	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Tensile/ Bend Tests (Sizes 3-8)	Ea.	\$150.00	-	\$154.50	\$159.14	\$163.91
Tensile/ Bend Tests (Sizes 9-11)	Ea.	\$190.00	-	\$195.70	\$201.57	\$207.62
Tensile/ Bend Tests (Size #14)	Ea.	\$280.00	-	\$288.40	\$297.05	\$305.96
Tensile/ Bend Tests (Size #18)	Ea.	\$280.00	-	\$288.40	\$297.05	\$305.96
Sample/Test Wire Mesh	Ea.	\$110.00	-	\$113.30	\$116.70	\$120.20
<u>Concrete</u>						
Concrete Mix Design Review	Hr.	\$158.65	-	\$163.41	\$168.31	\$173.36
Batch Plant Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Reinforcing Steel Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40

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**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

Subconsultant: Apex Testing Laboratories, Inc.						
Item Description	Unit of Measure (UOM)	Unit Price (effective 1/5/2021)	Unit Price (effective 8/1/2021)	Unit Price (effective 1/5/2022)	Unit Price (effective 1/5/2023)	Unit Price (effective 1/5/2024)
Concrete Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Concrete Sampling	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Concrete Sample Pick Up	Hr.	\$119.32	-	\$122.90	\$126.59	\$130.38
Concrete Cylinders Compression Test	Ea.	\$35.00	-	\$36.05	\$37.13	\$38.25
Concrete Cores Compression test	Ea.	-	\$58.20	\$60.00	\$61.80	\$63.65
Unit weight on concrete cylinder	Ea.	-	\$63.05	\$65.00	\$66.95	\$68.96
Lightweight insulating concrete compression test	Ea.	-	\$48.50	\$50.00	\$51.50	\$53.05
ASTM C157 Volume change of concrete, per set of 3	Ea.	-	\$451.05	\$465.00	\$478.95	\$493.32
<u>Shotcrete</u>						
Shotcrete Mix Design Review	Hr.	\$158.65	-	\$163.41	\$168.31	\$173.36
Batch Plant Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Continuous Placement inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Coring Shotcrete Sample Panels (Lab Prep)	Ea.	\$95.00	-	\$97.85	\$100.79	\$103.81
Shotcrete Core Compression Tests	Ea.	\$60.00	-	\$61.80	\$63.65	\$65.56
Shotcrete Sample Pick up	Hr.	\$119.32	-	\$122.90	\$126.59	\$130.39
ASTM C42 (Cores) with Rebar (4"D-12"L)	Ea.	-	\$339.50	\$350.00	\$360.50	\$371.32
Flexural Strength of Shotcrete	Ea.	-	\$339.50	\$350.00	\$360.50	\$371.32
Shotcrete Core Compression Tests including lab coring	Ea.	-	\$92.15	\$95.00	\$97.85	\$100.79
<u>Pre-Construction Test Panel</u>						
Witness Fabrication	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Field Coring of Panels (12" Deep Core)	Ea.	\$185.00	-	\$190.55	\$196.27	\$202.15
Evaluation of Cores per ACI Grading Nozzlemen	Ea.	\$350.00	-	\$360.50	\$371.32	\$382.46
Core Compression Tests	Ea.	\$60.00	-	\$61.80	\$63.65	\$65.56
<u>Grout</u>						
Compression Tests, 2" cube specimen	Ea.	-	\$43.65	\$45.00	\$46.35	\$47.74
Grout Sample Pick Up	Ea.	-	\$119.21	\$122.90	\$126.59	\$130.39
Grout Sampling	Ea.	-	\$137.52	\$141.77	\$146.02	\$150.40
<u>Structural Steel Welding</u>						

Amendment No. 3 to Agreement A4418Ac
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**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

Subconsultant: Apex Testing Laboratories, Inc.						
Item Description	Unit of Measure (UOM)	Unit Price (effective 1/5/2021)	Unit Price (effective 8/1/2021)	Unit Price (effective 1/5/2022)	Unit Price (effective 1/5/2023)	Unit Price (effective 1/5/2024)
Shop Welding Inspection -Days (VT-NDT)	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Shop Welding Inspection -Nights (VT-NDT)	Hr.	\$154.85	-	\$159.50	\$164.28	\$169.21
Field Welding/Erection Inspection (VT/NDT)	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
High Strength Bolting (A325/A490)	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Metal Decking/ Shear Stud Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Miscellaneous Steel: Shop Welding	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Miscellaneous Steel: Field Welding	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Review Welding Documents	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Material I.D. to CMTRs at Fabrication Shop	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Sample/ Prep/ Test H.S. Bolts w/ Nuts & washers	Set	\$330.00	-	\$339.90	\$350.10	\$360.60
Sample/ Prep/ Test H.S. Anchor Bolts	Ea.	\$110.00	-	\$113.30	\$116.70	\$120.20
Sample/ Prep/ Test End-Welded Shear Studs	Ea.	\$110.00	-	\$113.30	\$116.70	\$120.20
Machine/ Test Unidentifiable Steel Shapes/ Plates	Ea.	\$110.00	-	\$113.30	\$116.70	\$120.20
Sample/ Test Base Plate Grout	Ea.	\$35.00	-	\$36.05	\$37.13	\$38.24
Spray-Applied Fireproofing (SAFP) Inspection/ Sampling	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Test SAFP (Dry Density)	Ea.	\$60.00	-	\$61.80	\$63.65	\$65.56
Sample Pick-Up	Hr.	\$119.32	-	\$122.90	\$126.59	\$130.39
<u>Drill and Epoxy Rebar or Anchor Bolts</u>						
Anchor/ Dowel Installation	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Anchor/ Dowel Proof Load Testing with Equip	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40
Locate Steel Non-Destructively (Pachometer)	Hr.	\$180.00	-	\$185.40	\$190.96	\$196.69
<u>Project Management</u>						
Project Manager	Hr.	\$198.30	-	\$204.25	\$210.38	\$216.69
Project Engineer	Hr.	\$158.65	-	\$163.41	\$168.31	\$173.36
Administrative/Clerical Support	Hr.	\$96.25	-	\$99.14	\$102.11	\$105.17
Final Affidavit of Inspection	Ea.	\$500.00	-	\$515.00	\$530.45	\$546.36
Travel Time to/ from Distant Location	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

Subconsultant: Apex Testing Laboratories, Inc.						
Item Description	Unit of Measure (UOM)	Unit Price (effective 1/5/2021)	Unit Price (effective 8/1/2021)	Unit Price (effective 1/5/2022)	Unit Price (effective 1/5/2023)	Unit Price (effective 1/5/2024)
Vehicle Mileage Charge to/ from Distant Location	M	\$0.56	-	\$0.585	\$0.655	\$0.67
Per Diem for Distant Location Inspection	D	\$120.00	-	\$123.60	\$127.31	\$131.13
Subconsultant(s): Apex Testing Laboratories, Inc.						
Minimum Hourly Charges						
Show-Up Time	2 hours					
Inspection Services	4 hours					
Services overs 4 hours	8 hours					
Premium Charges added to Testing & Inspection Services Basic Rate: Basis of Charges						
Weekdays	Basic Rate					
Swing/Night Shift	1.125 x Basic Rate					
Over 8 hours & Saturdays	1.50 x Basic Rate					
Sundays/Holidays & Over 8 hours on Saturday	2.0 x Basic Rate					

Notes:

1. New classifications and rates were approved administratively as documents in letters from Valley Water to Consultant dated December 20, 2023, also documented in District's internal administrative form (FC 1165) and have been incorporated in Amendment No. 2.

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

HOURLY/UNIT RATE TABLE (REVISED)

CLASSIFICATION	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2024)	HOURLY/ UNIT RATE (EFFECTIVE 5/1/2024)¹	HOURLY/ UNIT RATE (EFFECTIVE 6/21/2024)¹	HOURLY/ UNIT RATE (EFFECTIVE 7/15/2024)¹	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2025)²	HOURLY/ UNIT RATE (EFFECTIVE 5/19/2025)¹
Consultant: COWI North America						
Accountant/Admin Asst.	\$146.30	-	-	-	\$150.69	-
As-Builts CAD Technician	\$168.81	-	-	-	\$173.87	-
Assistant Project Manager / Contract Administrator	\$191.23	-	-	-	\$196.97	-
Assistant Resident Engineer Underground	\$234.49	-	-	-	\$241.52	-
Cost Engineer	\$180.30	-	-	-	\$185.71	-
DCS System Administrator	\$158.44	-	-	-	\$163.19	-
Document Control Technician	\$131.13	-	-	-	\$135.06	-
Marine Inspector	\$272.95	-	-	-	\$281.14	-
Office Engineer	\$205.16	-	-	-	\$211.31	-
Project Controls Manager	\$257.89	-	-	-	\$265.63	-
Project Engineer	\$180.30	-	-	-	\$185.71	-
Quality Assurance Manager	\$193.09	-	-	-	\$198.88	-
Reports Coordinator	\$81.28	-	-	-	\$83.72	-
Resident Engineer			-	\$322.82	\$332.50	-
Safety Manager	\$234.49	-	-	-	\$241.52	-
Sr. Claim Analyst	\$246.16	-	-	-	\$253.54	-
Sr. Project Manager	\$344.66	-	-	-	\$355.00	-
Tunnel/Geotech Expert	\$257.50	-	-	-	\$265.23	-
Subconsultant: Cal Engineering & Geology, Inc. (Now known as Haley & Aldrich effective April 1, 2023)						
Assistant Civil Inspector	\$179.77	-	-	-	\$185.16	-
Associate Engineer/Geologist	\$185.69	-	-	-	\$191.26	-
Civil Inspector	\$282.94	-	-	-	\$291.43	-
Computational Geoscientist	\$147.36	-	-	-	\$151.78	-
Project Engineer/Geologist	\$137.04	-	-	-	\$141.15	-
Rim Stability Expert	\$258.02	-	-	-	\$265.76	-
Senior Engineer/Geologist	\$179.77	-	-	-	\$185.16	-
Staff Engineer/Geologist	\$118.02	-	-	-	\$121.56	-
Subconsultant: Concentric Environmental, LLC						

Amendment No. 3 to Agreement A4418Ac
Construction Management Services for the Anderson Dam Tunnel Project
Ver: 5/27/25

Agreement No. A4418A / CAS File No. 5135

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

CLASSIFICATION	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2024)	HOURLY/ UNIT RATE (EFFECTIVE 5/1/2024) ¹	HOURLY/ UNIT RATE (EFFECTIVE 6/21/2024) ¹	HOURLY/ UNIT RATE (EFFECTIVE 7/15/2024) ¹	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2025) ²	HOURLY/ UNIT RATE (EFFECTIVE 5/19/2025) ¹
Air Quality Program Manager	-	-	-	-	-	-
Air Quality Monitoring Senior Program Manager	\$257.50	-	-	-	\$265.23	-
Subconsultant: ESA Science Associates						
Air Quality Monitor	\$142.48	-	-	-	\$146.75	-
Environmental Compliance Coordinator	\$192.67	-	-	-	\$198.45	-
Environmental Monitor	\$119.20	-	-	-	\$122.78	-
Environmental Compliance Manager	\$254.50	-	-	-	\$262.14	-
Senior Water Quality Scientist	\$236.01	-	-	-	\$243.09	-
Water Quality Scientist	\$151.72	-	-	-	\$156.27	-
Subconsultant: GHD						
Contract Administration Support	\$154.62	-	-	-	\$159.26	-
Contract Administrator	\$191.82	-	-	-	\$197.57	-
Dam Construction Expert	\$301.34	-	-	-	\$310.38	-
Reservoir Operations/Hydraulics Expert	\$216.83	-	-	-	\$223.33	-
Tunnel / Geotech Expert	\$255.31	-	-	-	\$262.97	-
Subconsultant: JCK Underground						
Backup Tunnel Inspector 1	\$217.01	-	-	-	\$223.52	-
Backup Tunnel Inspector 2	\$240.22	-	-	-	\$247.43	-
Backup Tunnel Inspector 3	\$286.12	-	-	-	\$294.70	-
Bid Documents/ Constructability Evaluation	\$311.96	-	-	-	\$321.32	-
Chief Inspector 2	\$200.38	-	-	-	\$206.39	-
Claims/Disputes Administration	\$312.88	-	-	-	\$322.27	-
Cost Estimator 3	\$290.67	-	-	-	\$299.39	-
Estimating / Takeoffs	\$158.44	-	-	-	\$163.19	-
Estimating / Takeoffs 2	\$162.37	-	-	-	\$167.24	-
Resident Engineer 2	\$322.82	-	-	-	\$332.50	-
Senior Estimator	\$316.70	-	-	-	\$326.20	-
Staff Estimator 1	\$181.62	-	-	-	\$187.07	-
Staff Estimator 2	\$169.17	-	-	-	\$174.25	-
Tunnel Construction Engineer	\$311.96	-	-	-	\$321.32	-
Subconsultant: PMA Consultants						
Scheduler	\$314.93	-	-	-	\$324.38	-

Amendment No. 3 to Agreement A4418Ac
Construction Management Services for the Anderson Dam Tunnel Project
Ver: 5/27/25

Agreement No. A4418A / CAS File No. 5135

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

CLASSIFICATION	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2024)	HOURLY/ UNIT RATE (EFFECTIVE 5/1/2024) ¹	HOURLY/ UNIT RATE (EFFECTIVE 6/21/2024) ¹	HOURLY/ UNIT RATE (EFFECTIVE 7/15/2024) ¹	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2025) ²	HOURLY/ UNIT RATE (EFFECTIVE 5/19/2025) ¹
Subconsultant: Schnabel Engineering West, Inc.						
Cost Estimator	\$180.30	-	-	-	\$185.71	-
Field Engineer	\$109.41	-	-	-	\$112.69	-
Geotechnical Engineer	\$189.09	-	-	-	\$194.76	-
Program Management Expert ¹	\$247.86	-	-	-	\$255.30	-
Project Engineer	\$178.23	-	-	-	\$183.58	-
Resident Engineer	\$238.24	-	-	-	\$245.39	-
Risk Manager	\$151.61	-	-	-	\$156.16	-
Senior Underground Inspector	\$190.96	-	-	-	\$196.69	-
Tunnel Inspector 1	\$141.98	-	-	-	\$146.24	-
Underground Inspector	\$178.23	-	-	-	\$183.58	-
Underground Inspector 2	-	-	-	-	-	\$185.71
Subconsultant: Tanner Pacific, Inc.						
Assistant Cost Estimator	\$180.30	-	-	-	\$185.71	-
Assistant Office Engineer	\$186.58	-	-	-	\$192.18	-
Associate Cost Estimator	\$213.09	-	-	-	\$219.48	-
Chief Inspector 2	-	\$257.65	-	-	\$265.38	-
Chief Inspector (ST)	\$247.01	-	-	-	-	-
Chief Inspector (OT)	\$288.73	-	-	-	-	-
Chief Inspector (DT)	\$330.44	-	-	-	-	-
Claims Analyst	\$213.90	-	-	-	\$220.32	-
Claims/Disputes Administration	\$312.88	-	-	-	\$322.27	-
Cost Estimator	\$304.01	-	-	-	\$313.13	-
Sr. Claims Analyst	\$284.66	-	-	-	\$293.20	-
Sr. Electrical Inspector	\$273.19	-	-	-	\$281.39	-
Sr. Mechanical Inspector	\$248.32	-	-	-	\$255.77	-
Sr Tunnel Inspector (ST)	\$283.97	-	-	-	-	-
Sr Tunnel Inspector (OT)	\$329.58	-	-	-	-	-
Sr Tunnel Inspector (DT)	\$375.18	-	-	-	-	-
Sr Tunnel Inspector 2	-	\$293.81	\$279.12	-	\$287.49	-
Tunnel Inspector 2	\$230.22	-	-	-	\$237.13	-
Tunnel Inspector 3	-	\$250.15	\$237.64	-	\$244.77	-

Amendment No. 3 to Agreement A4418Ac
Construction Management Services for the Anderson Dam Tunnel Project
Ver: 5/27/25

Agreement No. A4418A / CAS File No. 5135

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT ONE
FEES AND PAYMENTS**

CLASSIFICATION	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2024)	HOURLY/ UNIT RATE (EFFECTIVE 5/1/2024)¹	HOURLY/ UNIT RATE (EFFECTIVE 6/21/2024)¹	HOURLY/ UNIT RATE (EFFECTIVE 7/15/2024)¹	HOURLY/ UNIT RATE (EFFECTIVE 1/5/2025)²	HOURLY/ UNIT RATE (EFFECTIVE 5/19/2025)¹
Tunnel Safety Manager	\$286.54	-	-	-	\$295.14	-
Subconsultant: Thier Group						
Public Relations Mgr.	\$217.93	-	-	-	\$224.47	-
Subconsultant: Apex Testing Laboratories, Inc.						
Materials Testing and Inspection Services	For Materials Testing and Inspections Fees, Refer to Attachment A to this Attachment One					

Notes:

1. New classifications and rates were approved administratively as documents in letters from Valley Water to Consultant dated May 7, 2024, July 15, 2024 and May 15, 2025, also documented in District's internal administrative form (FC 1165) and have been incorporated in Amendment No. 3.
2. Hourly rates for Consultant and Subconsultants were approved administratively as documented in a letter from Valley Water to Consultant dated January 9, 2025, also documented in District's internal administrative form (FC 1165) and have been incorporated in Amendment No. 3.

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT A
MATERIALS TESTING AND INSPECTION FEES**

Subconsultant: Apex Testing Laboratories, Inc.							
Item Description	Unit of Measure (UOM)	Unit Price (effective 1/5/2021)	Unit Price (effective 8/1/2021)	Unit Price (effective 1/5/2022)	Unit Price (effective 1/5/2023)	Unit Price (effective 1/5/2024)	Unit Price (effective 1/5/2025)
<u>Construction Quality Control Inspection Program</u>							
Project Specific QC Plan (Draft, Field, and Final)	Hr.	\$158.65	-	\$163.41	\$168.31	\$173.36	\$178.56
Field QC Manager / Lead Inspector	Hr.	\$143.14	-	\$147.43	\$151.85	\$156.41	\$161.10
<u>Soils</u>							
Field Compaction Test	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Nuclear Gauge Equipment Fee*	Hr.	\$10.00	-	\$10.30	\$10.61	\$10.93	\$11.26
Nuclear Gauge Travel Time	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Nuclear Gauge Mileage	Hr.	\$0.56	-	\$0.585	\$0.655	\$0.67	\$0.70
Site Soil Sampling	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Moisture-Density Curves (ASTM D-1557)	Ea.	\$355.00	-	\$365.65	\$376.62	\$387.92	\$399.56
Soil Quality Tests (Plasticity Index)	Ea.	\$270.00	-	\$278.10	\$286.44	\$295.03	\$303.88
Soil Quality Tests (Gradation)	Ea.	\$345.00	-	\$355.35	\$366.01	\$376.99	\$388.30
Soil Quality Tests (Sand Equivalent)	Ea.	\$185.00	-	\$190.55	\$196.27	\$202.16	\$208.22
Geotechnical Engineer	Hr.	\$190.00	-	\$195.70	\$201.57	\$207.62	\$213.85
Rock Correction of Moisture/Density Curves	Ea.	-	\$160.05	\$165.00	\$169.95	\$175.05	\$180.30
Atterberg Limits (Plasticity Index) ASTM D4318 (Dry Prep)	Ea.	-	\$269.76	\$278.10	\$286.44	\$295.03	\$303.88
Atterberg Limits (Plasticity Index) ASTM D4318 (Wet Prep)	Ea.	-	\$237.65	\$245.00	\$252.35	\$259.92	\$267.72
Cleanness Value 1" x #4 (or finer)	Ea.	-	\$184.30	\$190.00	\$195.70	\$201.57	\$207.62
Cleanness Value 1-1/2" x 3/4"	Ea.	-	\$383.15	\$395.00	\$406.85	\$419.06	\$431.63
Cleanness Value 2-1/2" x 1-1/2"	Ea.	-	\$630.50	\$650.00	\$669.50	\$689.59	\$710.28
Cleanness Value Pit Run	Ea.	-	\$252.20	\$260.00	\$267.80	\$275.83	\$284.10
Crushed Particles	Ea.	-	\$160.05	\$165.00	\$169.95	\$175.05	\$180.30
Durability Index (Coarse/Fine)	Ea.	-	\$242.50	\$250.00	\$257.50	\$265.23	\$273.19
Flat and Elongated Particles ASTM D4791	Ea.	-	\$169.75	\$175.00	\$180.25	\$185.66	\$191.23
Los Angeles (LA) Abrasion and Impact ASTM C131	Ea.	-	\$291.00	\$300.00	\$309.00	\$318.27	\$327.82

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT A
MATERIALS TESTING AND INSPECTION FEES**

Subconsultant: Apex Testing Laboratories, Inc.							
Item Description	Unit of Measure (UOM)	Unit Price (effective 1/5/2021)	Unit Price (effective 8/1/2021)	Unit Price (effective 1/5/2022)	Unit Price (effective 1/5/2023)	Unit Price (effective 1/5/2024)	Unit Price (effective 1/5/2025)
Sand Equivalent ASTM D2419/CTM 217	Ea.	-	\$184.83	\$190.55	\$196.27	\$202.16	\$208.22
Soundness of Aggregates ASTM C88/CTM 214	Ea.	-	\$160.05	\$165.00	\$169.95	\$175.05	\$180.30
Specific Gravity & Absorption (Coarse/Fine)	Ea.	-	\$169.75	\$175.00	\$180.25	\$185.66	\$191.23
Unit Weight (Bulk Density) and Voids in Aggregate ASTM C29	Ea.	-	\$169.75	\$175.00	\$180.25	\$185.66	\$191.23
Classification of Soils ASTM D2487	Ea.	-	\$63.05	\$65.00	\$66.95	\$68.96	\$71.03
Moisture Content ASTM D2216	Ea.	-	\$38.80	\$40.00	\$41.20	\$42.44	\$43.71
Particle Size Analysis ASTM C136/CTM 202	Ea.	-	\$334.65	\$345.00	\$355.35	\$366.01	\$376.99
Particle Size Analysis ASTM D422	Ea.	-	\$354.05	\$365.00	\$375.95	\$387.23	\$398.85
Resistance "R" Value ASTM D2844/CTM 301	Ea.	-	\$315.25	\$325.00	\$334.75	\$344.79	\$355.13
<u>Asphaltic Concrete</u>							
Batch Plant Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Asphaltic Concrete Placement	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Nuclear Gauge Equipment Fee*	Hr.	\$10.00	-	\$10.30	\$10.61	\$10.93	\$11.26
Bulk Specific Gravity (CTM 308/ASTM D2726)	Ea.	\$115.00	-	\$118.45	\$122.00	\$125.66	\$129.43
Lab Test Maximum Density (CTM 304)	Ea.	\$100.00	-	\$103.00	\$106.09	\$109.27	\$112.55
Rice Density (ASTM D2041)	Ea.	\$250.00	-	\$257.50	\$265.23	\$273.18	\$281.39
Asphalt Content (CTM 382/ASTM D6307)	Ea.	\$325.00	-	\$334.75	\$344.79	\$355.13	\$365.78
ASTM D5444 Gradation of extracted sample incl. #200 wash	Ea.	-	\$189.15	\$195.00	\$200.85	\$206.88	\$213.09
<u>Reinforcing Steel</u>							
Reinforcing Steel Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Review Mill Certificates	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Identify, Sample and Tag at Supplier's Shop	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Tensile/ Bend Tests (Sizes 3-8)	Ea.	\$150.00	-	\$154.50	\$159.14	\$163.91	\$168.83
Tensile/ Bend Tests (Sizes 9-11)	Ea.	\$190.00	-	\$195.70	\$201.57	\$207.62	\$213.85
Tensile/ Bend Tests (Size #14)	Ea.	\$280.00	-	\$288.40	\$297.05	\$305.96	\$315.14
Tensile/ Bend Tests (Size #18)	Ea.	\$280.00	-	\$288.40	\$297.05	\$305.96	\$315.14
Sample/Test Wire Mesh	Ea.	\$110.00	-	\$113.30	\$116.70	\$120.20	\$123.81

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT A
MATERIALS TESTING AND INSPECTION FEES**

Subconsultant: Apex Testing Laboratories, Inc.							
Item Description	Unit of Measure (UOM)	Unit Price (effective 1/5/2021)	Unit Price (effective 8/1/2021)	Unit Price (effective 1/5/2022)	Unit Price (effective 1/5/2023)	Unit Price (effective 1/5/2024)	Unit Price (effective 1/5/2025)
<u>Concrete</u>							
Concrete Mix Design Review	Hr.	\$158.65	-	\$163.41	\$168.31	\$173.36	\$178.56
Batch Plant Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Reinforcing Steel Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Concrete Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Concrete Sampling	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Concrete Sample Pick Up	Hr.	\$119.32	-	\$122.90	\$126.59	\$130.38	\$134.30
Concrete Cylinders Compression Test	Ea.	\$35.00	-	\$36.05	\$37.13	\$38.25	\$39.39
Concrete Cores Compression test	Ea.	-	\$58.20	\$60.00	\$61.80	\$63.65	\$65.56
Unit weight on concrete cylinder	Ea.	-	\$63.05	\$65.00	\$66.95	\$68.96	\$71.03
Lightweight insulating concrete compression test	Ea.	-	\$48.50	\$50.00	\$51.50	\$53.05	\$54.64
ASTM C157 Volume change of concrete, per set of 3	Ea.	-	\$451.05	\$465.00	\$478.95	\$493.32	\$508.12
<u>Shotcrete</u>							
Shotcrete Mix Design Review	Hr.	\$158.65	-	\$163.41	\$168.31	\$173.36	\$178.56
Batch Plant Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Continuous Placement inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Coring Shotcrete Sample Panels (Lab Prep)	Ea.	\$95.00	-	\$97.85	\$100.79	\$103.81	\$106.92
Shotcrete Core Compression Tests	Ea.	\$60.00	-	\$61.80	\$63.65	\$65.56	\$67.53
Shotcrete Sample Pick up	Hr.	\$119.32	-	\$122.90	\$126.59	\$130.39	\$134.30
ASTM C42 (Cores) with Rebar (4"D-12"L)	Ea.	-	\$339.50	\$350.00	\$360.50	\$371.32	\$382.46
Flexural Strength of Shotcrete	Ea.	-	\$339.50	\$350.00	\$360.50	\$371.32	\$382.46
Shotcrete Core Compression Tests including lab coring	Ea.	-	\$92.15	\$95.00	\$97.85	\$100.79	\$103.81
<u>Pre-Construction Test Panel</u>							
Witness Fabrication	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Field Coring of Panels (12" Deep Core)	Ea.	\$185.00	-	\$190.55	\$196.27	\$202.15	\$208.22
Evaluation of Cores per ACI Grading Nozzlemen	Ea.	\$350.00	-	\$360.50	\$371.32	\$382.46	\$393.93

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT A
MATERIALS TESTING AND INSPECTION FEES**

Subconsultant: Apex Testing Laboratories, Inc.							
Item Description	Unit of Measure (UOM)	Unit Price (effective 1/5/2021)	Unit Price (effective 8/1/2021)	Unit Price (effective 1/5/2022)	Unit Price (effective 1/5/2023)	Unit Price (effective 1/5/2024)	Unit Price (effective 1/5/2025)
Core Compression Tests	Ea.	\$60.00	-	\$61.80	\$63.65	\$65.56	\$67.53
<u>Grout</u>							
Compression Tests, 2" cube specimen	Ea.	-	\$43.65	\$45.00	\$46.35	\$47.74	\$49.17
Grout Sample Pick Up	Ea.	-	\$119.21	\$122.90	\$126.59	\$130.39	\$134.30
Grout Sampling	Ea.	-	\$137.52	\$141.77	\$146.02	\$150.40	\$154.91
<u>Structural Steel Welding</u>							
Shop Welding Inspection -Days (VT-NDT)	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Shop Welding Inspection -Nights (VT-NDT)	Hr.	\$154.85	-	\$159.50	\$164.28	\$169.21	\$174.30
Field Welding/Erection Inspection (VT/NDT)	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
High Strength Bolting (A325/A490)	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Metal Decking/ Shear Stud Inspection	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Miscellaneous Steel: Shop Welding	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Miscellaneous Steel: Field Welding	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Review Welding Documents	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Material I.D. to CMTRs at Fabrication Shop	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Sample/ Prep/ Test H.S. Bolts w/ Nuts & washers	Set	\$330.00	-	\$339.90	\$350.10	\$360.60	\$371.42
Sample/ Prep/ Test H.S. Anchor Bolts	Ea.	\$110.00	-	\$113.30	\$116.70	\$120.20	\$123.81
Sample/ Prep/ Test End-Welded Shear Studs	Ea.	\$110.00	-	\$113.30	\$116.70	\$120.20	\$123.81
Machine/ Test Unidentifiable Steel Shapes/ Plates	Ea.	\$110.00	-	\$113.30	\$116.70	\$120.20	\$123.81
Sample/ Test Base Plate Grout	Ea.	\$35.00	-	\$36.05	\$37.13	\$38.24	\$39.39
Spray-Applied Fireproofing (SAFP) Inspection/ Sampling	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Test SAFP (Dry Density)	Ea.	\$60.00	-	\$61.80	\$63.65	\$65.56	\$67.53
Sample Pick-Up	Hr.	\$119.32	-	\$122.90	\$126.59	\$130.39	\$134.30
<u>Drill and Epoxy Rebar or Anchor Bolts</u>							
Anchor/ Dowel Installation	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Anchor/ Dowel Proof Load Testing with Equip	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM SCOPE OF SERVICES
REVISED ATTACHMENT A
MATERIALS TESTING AND INSPECTION FEES**

Subconsultant: Apex Testing Laboratories, Inc.							
Item Description	Unit of Measure (UOM)	Unit Price (effective 1/5/2021)	Unit Price (effective 8/1/2021)	Unit Price (effective 1/5/2022)	Unit Price (effective 1/5/2023)	Unit Price (effective 1/5/2024)	Unit Price (effective 1/5/2025)
Locate Steel Non-Destructively (Pachometer)	Hr.	\$180.00	-	\$185.40	\$190.96	\$196.69	\$202.59
Project Management							
Project Manager	Hr.	\$198.30	-	\$204.25	\$210.38	\$216.69	\$223.19
Project Engineer	Hr.	\$158.65	-	\$163.41	\$168.31	\$173.36	\$178.56
Administrative/Clerical Support	Hr.	\$96.25	-	\$99.14	\$102.11	\$105.17	\$108.33
Final Affidavit of Inspection	Ea.	\$500.00	-	\$515.00	\$530.45	\$546.36	\$562.75
Travel Time to/ from Distant Location	Hr.	\$137.64	-	\$141.77	\$146.02	\$150.40	\$154.91
Vehicle Mileage Charge to/ from Distant Location	M	\$0.56	-	\$0.585	\$0.655	\$0.67	\$0.70
Per Diem for Distant Location Inspection	D	\$120.00	-	\$123.60	\$127.31	\$131.13	\$135.06
Subconsultant(s): Apex Testing Laboratories, Inc.							
Minimum Hourly Charges							
Show-Up Time	2 hours						
Inspection Services	4 hours						
Services overs 4 hours	8 hours						
Premium Charges added to Testing & Inspection Services Basic Rate: Basis of Charges							
Weekdays	Basic Rate						
Swing/Night Shift	1.125 x Basic Rate						
Over 8 hours & Saturdays	1.50 x Basic Rate						
Sundays/Holidays & Over 8 hours on Saturday	2.0 x Basic Rate						

Notes:

1. New classifications and rates were approved administratively as documents in a letter from Valley Water to Consultant dated January 9, 2025 also documented in District's internal administrative form (FC 1165) and have been incorporated in Amendment No. 3.

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**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM
REVISED ATTACHMENT TWO
SCHEDULE OF COMPLETION**

1. This Agreement commences on the Effective Date, subject to accomplishment of all conditions to formation of an agreement listed in the Agreement at Section Twelve, Miscellaneous Provisions, subsection 2. Formation of Agreement.
2. This Agreement expires on **April 30, 2027**, unless, prior to its expiration, its term is modified by a written amendment hereto, and signed by both Parties.
3. Valley Water and Consultant may agree to modify the schedule specified for Consultant's performance as an administrative modification to the Agreement and will confirm such modification in writing.

PROJECT SCHEDULE

Task	Description	Duration From Notice to Proceed (months)
1	Project Management	Duration of Agreement
2	Preconstruction Services	Complete
3	Construction Management	74
4	Quality Assurance and Quality Control (QA/QC)	71
5	Safety Management	71
6	Training, Testing, Start-Up, and Commissioning	71
7	Construction Inspections	71
8	Partnering, Claims and Disputes Management	71
9	Environmental Compliance Services	71
10	Acceptance and Closeout	74
11	Supplemental Services	Duration of Agreement

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**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM
REVISED ATTACHMENT THREE
CONSULTANT'S KEY STAFF AND SUBCONSULTANTS**

1. Consultant's Key Staff assigned to the Project are as follows:

Team Member	Classification	Project Role	Contact Information
Jack Gerwick, PE	Sr. Project Manager	Management	555 12th Street, Suite 1700 Oakland, CA 94607 (562) 833-9113 (O) (650) 468-7583 (C) ickg@cowi.com
Ajinkya (AJ) Prakash Sarawade	Quality Assurance Manager	Quality Assurance	555 12th Street, Suite 1700 Oakland, CA 94607 (562) 833-9113 (O) (971) 272-9303 (C) ajsa@cowi.com
Ajinkya (AJ) Prakash Sarawade	Office Engineer	Office Engineer	555 12th Street, Suite 1700 Oakland, CA 94607 (562) 833-9113 (O) (971) 272-9303 (C) ajsa@cowi.com
Michel (Mike) Jubran	Resident Engineer	Resident Engineer	555 12th Street, Suite 1700 Oakland, CA 94607 (760) 638-3131 (O) (760) 638-3131 (O) mkju@cowi.com
Arun Parsons	Resident Engineer	Interim Resident Engineer	555 12th Street, Suite 1700 Oakland, CA 94607 (562) 833-9113 (O) (925) 389-4846 (C) aupr@cowi.com

2. The following Subconsultants are authorized to perform Services on the Project:

Team Member	Subconsultant Firm	Project Role	Contact Information
Dan Peluso	Cal Engineering & Geology, Inc. (Now known as Haley & Aldrich)	Rim Stability Expert	6455 Almaden Expwy., Suite 100 San Jose, CA 95120 (925) 433-5018 (O) (408) 630-0089 (C) dpeluso@caleng.com
Phillip Gregory	Cal Engineering & Geology, Inc. (Now known as Haley & Aldrich)	Rim Stability Expert	785 Ygnacio Valley Road Walnut Creek, CA 94596 (925) 433-5016 (O) (925) 216-0765 (C) pgregory@haleyaldrich.com
Jon Waggoner	Environmental Science Associates	Environmental Compliance Manager	2600 Capitol Ave., Suite 200 Sacramento, CA 95816 (916) 840-3047 (O) (916) 225-1109 (C) JWaggoner@esassoc.com

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM
REVISED ATTACHMENT THREE
CONSULTANT'S KEY STAFF AND SUBCONSULTANTS**

Team Member	Subconsultant Firm	Project Role	Contact Information
Kevin Graf	Concentric Environmental, LLC	Air Quality Monitoring	5425 Boyd Avenue Oakland, CA 94618 (415) 570-9764 kgraf@concentricenv.com
Steve Fox	GHD	Dam Construction Expert	999 Hay Street Perth WA 6000 Australia 61 8 6222 8415 (O) 61 408 053 867(C) Steven.fox@ghd.com
Dennis Schwartz	GHD	Reservoir Operations Manager / Operations / Hydraulics Expert	4550 Kruse Way, Suite 300 Lake Oswego, OR 97035 (360) 991-5394 (C) (971) 925-3745 (O) dennis.schwartz@ghd.com
Craig Camp	GHD	Tunnel / Geotech Expert	9370 Sky Park Court, Suite 140 San Diego, CA 92123 (858) 633-4805 (O) (619) 410-6328 (C) Craig.camp@ghd.com
Paul Henderson	GHD	Contract Administrator	669 Pacific Street Suite A San Luis Obispo, CA 93401 (805) 858-3142 (O) (805) 468-9927 (C) Paul.henderson@ghd.com
Joel Kantola	JCK Underground	Bid Documents / Constructability	25 Dorchester Avenue, #51549 Boston, MA 02205 (857) 294-1317 (C) kantola@jckunderground.com
Geoffrey Hughes	JCK Underground	Resident Engineer	25 Dorchester Avenue #51549 Boston, MA 02205 hughes@jckunderground.com
Pedro Moreno	JCK Underground	Chief Inspector 2	25 Dorchester Avenue #51549 Boston, MA 02205 moreno@jckunderground.com
Angel Ripepi	PMA Consultants	Scheduling	455 Market Street, Suite 1270 San Francisco, CA 94105 (213) 308-2125 (C) aripepi@pmaconsultants.com
Matt Koziol	Schnabel Engineering West, Inc.	Risk Manager	12301 Research Blvd, Bldg. 4, Suite 150 Austin, TX 78759 (737) 236-5650 (O) (425) 652-9184 (C) mkoziol@schnabel-eng.com

**AMENDMENT NO. 3 TO AGREEMENT A4418A
REVISED SCHEDULE CM
REVISED ATTACHMENT THREE
CONSULTANT'S KEY STAFF AND SUBCONSULTANTS**

Team Member	Subconsultant Firm	Project Role	Contact Information
Kemp Lewis	Schnabel Engineering West, Inc.	Risk Manager	12301 Research Blvd, Bldg. 4, Suite 150 Austin, TX 78759 (737) 236-5650 (O) (512) 417-5058 (C) klewis@schnabel-eng.com
John Mahoney	Tanner Pacific, Inc.	Claims/Disputes Administration	4353 North First Street, Suite 100 San Jose, CA 95134 (925) 784-3972 (C) jmahoney@tannerpacific.com

NOTE: Changes to Subconsultant Key Staff were approved administratively as documented in letters from Valley Water to the Consultant dated July 15, 2024 and October 7, 2024, also documented in VW's internal administrative form (FC 1165) and have been incorporated into this Amendment No. 3.

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