CAPITAL PROGRAM SERVICES
5750 ALMADEN EXPRESSWAY
SAN JOSE, CA 95118 3686
TELEPHONE (408) 265 2600
FACSIMILE (408) 979 5631
www.valleywater.org
scvwdplanroom@valleywater.org

ANDERSON DAM TUNNEL PROJECT

Project No. 91864005

Contract No. C0663

Notice to Bidders and Bid Forms

Additional information and Instructions to Bidders is posted on the District's Construction Administration webpage: https://www.valleywater.org/construction

Bid Opening: Wednesday, March 30, 2021

DocuSign Envelope ID: C0C1A5B6-0398-4874-BA0D-DE5F67EFD52C

ANDERSON DAM TUNNEL PROJECT

Project No. 91864005

Contract No. C0663

Any unsigned Bid Form(s) may be cause for rejection of bid.

I. NOTICE TO BIDDERS

II. FORMS DUE AT TIME OF BID SUBMITTAL

BID FORM NO. 1	Proposal and Bid Items
BID FORM NO. 2	Designation of Subcontractors
BID FORM NO. 3	Non-collusion Affidavit
BID FORM NO. 4	Small Business Outreach Program: Instructions and Compliance Document **[NOT USED]**
BID FORM NO. 5	Bidder's Bond
BID FORM NO. 6	Iran Contracting Act Bid Certification
BID FORM NO. 7	Bidder's General Information **[NOT USED]**
BID FORM NO. 8	Small Business Outreach Program: Requirements for Demonstrating a Good Faith Efforts **[NOT USED]**
BID FORM NO. 9	Bidders Statement of Qualifications **[NOT USED]**

III. FORMS DUE BY 5 PM ON THE 5th BUSINESS DAY AFTER BID OPENING

TIMELY SUBMISSION OF THESE FORMS IS CONSIDERED MATERIAL BY THE DISTRICT.

BID FORM NO. 10	Escrow Bid Documents Certification of Completeness

ANDERSON DAM TUNNEL PROJECT

Project No. 91864005

Contract No. C0663

1. **Notice. Due to the County of Santa Clara Public Health Officer's Order, the Santa Clara Valley Water District offices remain closed to the public until further notice.**

   Notice is hereby given that sealed Bids will be received by the Construction Program of the Santa Clara Valley Water District (District), delivered either by a third party carrier such as FED EX, UPS, DHL, Overnight, Golden State Overnight, etc. or by hand delivery, at the District's Winfield Warehouse Building located at 5905 Winfield Boulevard, San Jose, California 95123-2428 only between the hours of 1:00 p.m. to 2:00 p.m. on **Wednesday, ~~March 10,~~ 2021**, for furnishing all material and performing all work necessary for construction of Anderson Dam Tunnel Project, within the Cities of Morgan Hill, California, and San Jose, California, and within Unincorporated Santa Clara County, California. * 30th

   NO BIDS WILL BE ACCEPTED VIA USPS (US MAIL).

   Additional information and Instructions to Bidders are posted on the District's Construction Administration webpage: https://www.valleywater.org/construction.

2. **California State Department of Industrial Relations Contractor and Subcontractor Registration Requirements.**

   California Labor Code Section 1771.1 requires:

   A contractor or subcontractor shall not be qualified to bid on, be listed in a bid proposal, subject to the requirements of Section 4104 of the Public Contract Code, or engage in the performance of any contract for public work, unless currently registered and qualified to perform public work pursuant to Section 1725.5 of the California Labor Code.

   An inadvertent error in listing a subcontractor who is not registered pursuant to Section 1725.5 in a bid proposal shall not be grounds for filing a bid protest or grounds for considering the bid nonresponsive, provided that any of the following apply:

   A. The subcontractor is registered prior to the bid opening.

   B. Within 24 hours after the bid opening, the subcontractor is registered and has paid the penalty registration fee.

   C. The subcontractor is replaced by another registered subcontractor pursuant to Section 4107 of the Public Contract Code within 24 hours after the bid opening.

3. Summary of Work

A. Project Description. The project scope, in accordance with the Contract Documents, includes the following:

- Full compliance with federal, state, and local laws, orders, ordinances, and various agencies permit's terms and conditions, as required to construct the project;
- Furnish a qualified biologist, certified and licensed arborist, and licensed geologist as required for the project;
- Compliance with NPDES Construction General Permit, including SWPPP preparation, and installation of Best Management Practices (BMPs);
- Installation of a temporary soundwall to reduce construction noise to the surrounding businesses and residences;
- Proper excavation, handling, and placement in the on-site disposal area of naturally occurring asbestos containing materials;
- Control of water, including the design, implementation, and maintenance of dewatering facilities;
- Mobilization, including, but not limited to the installation of fully operational temporary trailers/office facilities;
- Demobilization, including, but not limited to the removal and/or legal disposal of all temporary facilities;
- Implement and maintain public safety measures, including, but not limited to installation of temporary fencing at the perimeter of the work areas;
- Clearing and grubbing within the project limits, including demolition, the removal of trees, vegetation, concrete, and other miscellaneous items;
- Surveying, grade control, and construction staking;
- The Installation and monitoring of portal and tunnel instrumentation;
- Establishment of site access roads, staging areas, and disposal areas;
- Excavation and reinforcement of the downstream tunnel portal;
- Dredging and preparation of the upstream portal;
- Excavation and initial support of the 18.5-foot tunnel, 24-foot tunnel, and the micro-tunnel boring machine (MTBM) launch chamber;
- Driving of the 8-foot MTBM tunnel lake-tap from the launch chamber to Anderson Reservoir;

- Excavation and initial support of the High-Level Outlet Works (HLOW) drop shaft;
- Installation of the final reinforced concrete lining in the MTBM launch chamber and the 24-foot tunnel;
- Installation of steel pipe in the diversion tunnel and HLOW drop shaft;
- Construction of the diversion outlet structure;
- Construction of the upstream trash rack structure below water;
- Installation of steel pipe, displacement couplers, two 132-inch butterfly valves, two 132-inch fixed cone valves, and other mechanical equipment at the diversion outlet structure;
- Installation of electrical components, instrumentation and controls;
- Testing of diversion system;
- Construction of the Coyote Creek channel improvements including the outlet discharge channel, the northern channel, and the reinforced concrete weirs in the northern and southern channels;
- Installation of landscape and landscape maintenance. Landscape maintenance includes maintenance during the landscape installation and maintenance during the one-year establishment period following the landscape installation;
- Provide all the necessary traffic control, traffic control signage, devices, etc. as required for temporary road work, including closures;
- Furnishing and Installation of permanent fencing and gates;
- Utility coordination and installation including, but not limited to raw water line facilities overhead and underground electrical facilities;
- Non-native plant control;
- Revegetation (hydroseeding);
- Other miscellaneous construction work and items necessary to satisfactorily complete the project work.

B. Sole Source Products. None.

4. Basis of Award.

Valley Water Board of Directors adopted Resolution No. 20-70 Approving Best Value Contractor Selection for the Anderson Dam Tunnel Project on August 25, 2020. A

"value" will be established for each bid submitted, determined by evaluation of objective criteria based on price (cost), and qualification (competency, capability, capacity to complete a project of similar size, scope, complexity, recently performed similar projects, references to verify past performance, history of regulatory compliance, bonding capacity, and ability to meet insurance requirements).

The "value" is established by a number, which is calculated by dividing each bidder's price (P) by its qualification (Q) score. When the calculated individual numbers (for each bid) are arranged in ascending order, from lowest to highest, the lowest number becomes or is ranked as the "Best Value" bid, followed by the next highest number and so on. The formula as detailed in the Prequalification Application, Revision 2, Appendix D Calculating a Bidder's Best Value Score, will be used to calculate the qualifications score to weigh quality at 40% and price at 60%.

5. **Contract Time**. Time limit for the completion of the Work is ~~**1,050**~~ calendar days. See * Rev Addenda Contract Documents, Special Provisions, Article 12.03. Contract Time(s) for Milestones and Contract Times.

6. **Liquidated Damages**. See Standard Provisions, Liquidated Damages, Article 5.08 and Special Provisions, Liquidated Damages, Article 12.05 of the Contract Documents for requirements regarding Liquidated Damages.

7. **Estimated Cost**. The estimated cost of the Project is between $175 million and $225 million. This estimate is intended to serve merely as an indication of the magnitude of the Work. Neither the Bidder(s) nor the Contractor will be entitled to pursue a claim or be compensated due to variance in the stated estimated cost range.

   A. **Additive/Deductive Bid Items. [NOT USED]**.

   B. **Supplemental Bid Items**. These Bid Items may or may not be required. Supplemental Bid items include development of staging areas and access roads, excavation, grading, soil nail installation, instrumentation installation to remediate two existing landslides located along the southwestern reservoir rim and excavation, grading, reinforced concrete, soil nail installation, and other miscellaneous work to strengthen the existing sloping intake located on the left abutment upstream of Anderson Dam. The Supplemental Bid Items may be deleted entirely or in part, by deductive change order(s), at the sole discretion of the District.

8. **Contractor's License Requirement**. The Bidder must possess a current **Class A** Contractor's license issued by the California Department of Consumer affairs, Contractor's State License Board when the Bid is submitted. Regardless of whether a subcontractor must be identified at the time of Bid, each subcontractor must also be properly licensed to perform its scope of Work.

9. **Pre-Bid Conference and Site Visit.** A Pre-Bid conference/site visit will be conducted by the District on **Wednesday, February 17, 2021**. The Pre-Bid conference/site visit will convene at 10:00 a.m. (by District time), at the parking lot at the toe of Anderson Dam at 2499 Cochrane Road, Morgan Hill, CA 95027 (APN 729-48-001). Attendance at the Pre-Bid conference/site visit by subcontractors is not required.

Attendance by the Bidder at the Pre-Bid conference/site visit is:

☐ Mandatory

☒ Optional

The objective of the Pre-Bid conference/site visit is to familiarize prospective Bidders with the site; no additional site visits will be allowed. Please confirm your intent to attend the Pre-Bid conference/site visit 24 hours in advance by sending an email to scvwdplanroom@valleywater.org.

Additional information regarding the Pre-Bid conference/site showing will be sent to all prospective Bidders who confirm their intention to attend.

In response to the COVID-19 pandemic, the District will require that all participants adhere to the orders of Social Distancing. All persons attending the Pre-Bid conference/site visit are required to adhere to the orders of Social Distancing and are also required to bring and wear the appropriate Personal Protection Equipment (PPE), i.e., protective face covering, in order to be allowed entrance onto the site and to remain on the site.

Reasonable efforts will be made to accommodate persons with disabilities wishing to attend the Pre-Bid conference/site visit. Please request accommodations when confirming attendance.

10. **Availability of Bid Documents**

Due to the County of Santa Clara Public Health Officer's Order, District offices will remain closed to the public until further notice.

The Project Plans and Specifications are considered by the Federal Energy Regulatory Commission as including highly sensitive, confidential information pertaining to critical infrastructure. Therefore, all prequalified Contractors must complete and execute the Non-Disclosure Agreement (NDA) before access to the Contract Documents will be provided. Contractors must also require any party to whom they provide access to the Contract Documents (such as subcontractors in all tiers and suppliers) to first complete and execute a Personal Non-Disclosure Agreement (PNDA) and provide Valley Water with a copy of the signed Agreement.

A copy of the NDA / PNDA form can be obtained at the Valley Water website: https://www.valleywater.org/construction. The completed form must be submitted by email at scvwdplanroom@valleywater.org.

The Contract Documents are only available in electronic (PDF) format. The electronic version is free and will be transferred via file transfer appliance (FTA) site.

11. **Inquiries**. The Bidder must submit all requests for clarification, or interpretation of the Bid Documents in accordance with the requirements stated in Instructions to Bidders, paragraph #7. Questions During Bidding. Written questions must be directed to the Contracts Administrator at scvwdplanroom@valleywater.org and submitted at least nine (9) calendar days before the deadline for receipt of Bids.

The District may issue written Addenda as appropriate for clarification or other purposes during the bidding period. Addendum notification(s) will be sent to each planholder at the email address provided by the contractor for the planholders list and addenda will be posted on the District's website at https://www.valleywater.org/construction.

A. **Project Manager**. The District's project manager for this Project is Mr. Bal Ganjoo.

B. **Process Questions**. For questions regarding the bid process, please contact the District Plan Room by email at scvwdplanroom@valleywater.org.

12. **Prevailing Wage Requirements**

A. Workers employed on this Project must be paid at rates at least equal to the prevailing wage rates as determined by the State of California Department of Industrial Relations pursuant to Section 1770 *et seq.* of the Labor Code. Said wage rates are incorporated herein by reference and are available on the State of California Department of Industrial Relations website at: http://www.dir.ca.gov/. See Standard Provisions, Prevailing Wages Article 4.04. through Apprentices Article 4.06. for related requirements.

Due to the County of Santa Clara Public Health Officer's Order, District offices will remain closed to the public until further notice. The wage rates are therefore not currently available for review at District offices.

B. This Project is subject to compliance monitoring and enforcement by the State of California Department of Industrial Relations. The Contractor and subcontractors must furnish the records specified in California Labor Code Section 1776 directly to the Labor Commissioner, in the following manner: monthly, in a format prescribed by the Labor Commissioner.

13. **Bid Proposal Submittal**. All Bids must be submitted in sealed envelopes addressed to the Santa Clara Valley Water District. Attention: Construction Programs and state the Project name and Project number on the outside of the sealed envelope. Each Bid must be submitted on the prescribed Bid Forms. All information on Bid Forms must be completed in ink.

A. **Bid Submittal Delivery**. Bidders are allowed to submit a bid proposal by third party carrier or by hand delivery.

THIRD PARTY CARRIER such as: FEDEX, UPS, DHL, CA Overnight, Golden State Overnight, etc., and must address the submittal in accordance with instructions stated in this paragraph 12. Any Proposal received after 2 p.m. will not be considered. Late Bids will be returned unopened.

HAND DELIVERY shall only be between the hours of 1:00 p.m. - 2:00 pm. on the bid due date, at the Winfield Warehouse located at 5905 Winfield Boulevard, San Jose, CA 95123. Upon entrance to the gate, turn left towards the warehouse building. Bid submittal shall be delivered at a drop off box, marked "Bid/Submittal Drop Box," located in front of the warehouse entrance door. Bidder's must take a picture using its cellphone showing the "Official Bid Clock" timer as proof of delivery. Bidders must observe all Public Health Officers orders and wear proper face covering when dropping off your Bid.

Any Proposal received after 2 p.m. will not be considered. Late Bids will be returned unopened.

NO BIDS WILL BE ACCEPTED VIA USPS (US MAIL). USPS (US Mail) does not deliver to 5905 Winfield Boulevard.

Address the outside delivery envelope as follows:
Santa Clara Valley Water District
Attention: Construction Contracts & Support Unit
C0663 – Anderson Dam Tunnel Project
Project No. 91864005
5905 Winfield Boulevard
San Jose, CA 95123-2428

14. **Bid Opening**. For the duration of the COVID-19 pandemic, to ensure the safety of the public and District employees and requisite social distancing requirements by Order of the County of Santa Clara Public Health Officer, the opening of bids shall be made available to the public only by video teleconference, live-stream, on the date stated in this Notice to Bidders, paragraph #1. Notice, above, at **2:30 p.m.** The results will be posted on the District's website at https://www.valleywater.org/construction no later than close of business the following day.

    A. **Join Zoom Meeting.** Any person interested in attending the live-stream bid opening, may do so by accessing the link below, or join via phone by calling the toll-free number listed below:

    Join Zoom Meeting: https://valleywater.zoom.us/j/3796054075

    Meeting ID: 379 605 4075

    One tap mobile:
    +16699009128, 3796054075# US (San Jose)
    +13462487799, 3796054075# US (Houston)

Dial by your location:
+1 669 900 9128 US (San Jose)
+1 346 248 7799 US (Houston)
+1 253 215 8782 US (Tacoma)
+1 646 558 8656 US (New York)
+1 301 715 8592 US (Germantown)
+1 312 626 6799 US (Chicago)

Meeting ID: 379 605 4075

Find your local number: https://valleywater.zoom.us/u/aekffBkBma

15. **Errors or Discrepancies in the Bids.** The District Board of Directors reserves the right to reject any and all Bid Proposals and to waive minor defects or irregularities in any submitted Bid Form(s).

16. **Bidder's Security**. Each Proposal must be accompanied by cash, a certified check, cashier's check, or an original Bidder's bond in the sum of not less than 10 percent of the total aggregate of the Proposal including all additive and supplemental Bid items, if any. Said checks or bond must be made payable to the Santa Clara Valley Water District.

17. **Contract Retention**

☒ The Contract Retention for this Project is established at five (5) percent of the Contract Price.

☐ The Contract Retention for this Project is established at ten (10) percent of the Contract Price. The Board of Directors has made a finding that the Project is substantially complex and therefore requires retention higher than five percent.

18. **Substitution of Securities.** The Contractor may, at the Contractor's request and expense substitute securities equivalent to the amount withheld by District to ensure the performance of the contract, in accordance with Public Contract Code Section 22300.

19. **Small Business Preference. [NOT USED].**

20. **Rights of Way.** It is anticipated that easement acquisition from the County of Santa Clara to construct the Coyote Creek modifications portion of the Project will be finalized before April 2021. The construction contract will not be awarded by Valley Water until all required Rights of Way are secured.

21. **Permits.** It is anticipated that all permits necessary for construction of the Project will be finalized before April 2021. The construction contract will not be awarded by Valley Water until all required Permits are obtained.

22. **Equal Opportunity**. The District is an equal opportunity employer and all Contractors of District projects are to have and follow a policy of equal opportunity including adherence

to all state and federal laws and regulations, including the Federal Equal Opportunity Clause.

By order of the Board of Directors of the Santa Clara Valley Water District, San Jose, California, on Tuesday, January 26, 2021.

ATTEST: MICHELE L. KING, CMC

Clerk, Board of Directors

Valley Water

(ADDENDUM NO 7) REVISED **BID FORM NO 1**

Proposal and Bid Items

*This form must be completed in **ink** and changes must be **initialed**.*

Honorable Board of Directors
Santa Clara Valley Water District (District)

Pursuant to, and in compliance with, the Notice to Bidders and the Contract Documents, relating to the

C0663 – ANDERSON DAM TUNNEL PROJECT, the undersigned Bidder having become thoroughly familiar with the terms and conditions of the Contract Documents and with local conditions affecting the performance and costs of the Work and having fully inspected the Work site in all particulars, hereby proposes and agrees to fully perform the Work, including providing any and all labor and materials and performing all Work required to construct and complete said Work within the contract time stated and in accordance with the requirements of the Contract Documents, for the following sum of money.

The undersigned Bidder agrees to complete all the Work within **1,710** calendar days from the first chargeable day of the Contract, as stated in the Notice to Begin Work. The Bidder agrees to enter into a Contract with the District and provide the required bonds and insurance in accordance with the Instructions to Bidders, Contract Bonds, paragraph #22 and Execution of Contract, paragraph #23. If the Bidder fails to meet these requirements within the time specified in the Instruction to Bidders, Failure to Execute Contract, paragraph #24, the Bidder's security accompanying this Proposal may be forfeited and become the property of the District. No Contract exists until all Contract bonds and insurance documents have been accepted by the District.

TOTAL BID: $ 161,140,321

Bidder acknowledges receipt of the following Addenda to the Bid Documents:

Addenda are posted online at https://www.valleywater.org/construction.

☐ **NO** Addenda received

☒ Addenda received as follows:

Addendum No. 1	Date 2/17/2021	Addendum No. 5	Date 3/16/2021
Addendum No. 2	Date 2/23/2021	Addendum No. 6	Date 3/17/2021
Addendum No. 3	Date 3/2/2021	Addendum No. 7	Date 3/24/2021
Addendum No. 4	Date 3/9/2021	Addendum No. 8	Date 3/25/2021

Failure to acknowledge receipt of an Addendum on the Bid Form is not, in itself, cause for withdrawal or rejection of Bid, if it can be established that Bidder did, in fact, receive such Addendum prior to Bid opening.

BIDDER'S COMPANY INFORMATION	
NAME: FLATIRON WEST INC	ADDRESS: FLATIRON WEST INC. 2100 GOODYEAR RD BENICIA, CA 94510
CONTRACTOR'S CALIFORNIA LICENSE NUMBER: 772589 DATE OF EXPIRATION: 12/31/2021 LICENSE CLASSIFICATION(S): CLASS A	
PHONE NO.: (707) 742-6000	FAX NO.: (707) 746-0849
EMAIL ADDRESS: LiSimon@FlatironCorp.com	
SIGNATURE BLOCK (Signature Block must be completed in *ink* and changes must be *initialed*.)	
Bidder's Signature:	Date: 3/29/2021
Bidder's Name and Title (Print): Shawn Golden, Vice President	

Valley Water

(ADDENDUM NO. 7) REVISED **BID FORM NO. 1**

Proposal and Bid Items

*This form must be completed in **ink** and changes must be **initialed**.*

SECTION A — BASE BID

ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE QUANTITY / UNIT	UNIT PRICE	TOTAL
1	**MOBILIZATION AND DEMOBILIZATION**			
1a	Mobilization and Demobilization	Lump Sum / Lump Sum	$16,100,000	16,100,000
1b	Contractor – Obtained Permits	Lump Sum / Lump Sum	$50,000	50,000 -
2	**SITE PREPARATION**			
2a	Demolition	Lump Sum / Lump Sum	$500,000	500,000
2b	Clearing and Grubbing	16 / ACRES	$75,000	1,200,000
2c	Stripping	27,000 / SY	$10	270,000
2d	Install Active Treatment System (ATS)	Lump Sum / Lump Sum	$350,000	350,000
2e	Operate Active Treatment System (ATS)	32 / MO	$10,000	320,000
2f	Coyote Road Turnouts	Lump Sum / Lump Sum	$75,000	75,000
2g	Giancola Driveway and Waterline	Lump Sum / Lump Sum	$150,000	150,000
2h	Compliance with NPDES General Permit	32 / MO	$50,000	1,600,000
2i	Migratory Birds	32 / MO	$10,000	320,000
2j	Noise and Vibration Monitoring	32 / MO	$15,000	480,000

Valley Water

(ADDENDUM NO. 7) REVISED **BID FORM NO. 1**

Proposal and Bid Items

*This form must be completed in **ink** and changes must be **initialed**.*

ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE QUANTITY / UNIT	UNIT PRICE	TOTAL
2k	Dust Control and Air Monitoring	32 / MO	$14,000	448,000
3	**DIVERSION PORTAL**			
3a	Geotechnical Borings	985 / LF	$500	492,500
3b	Diversion Portal Excavation	89,500 / CY	$20	1,790,000
3c	Soil Nails #20, 120ft	43 / EA	$10,000	430,000
3d	Soil Nails #18, 120ft	81 / EA	$9,000	729,000
3e	Soil Nails #14, 120ft	121 / EA	$8,000	968,000
3f	12-inch Shotcrete and #6 Rebar Mat	42,650 / SF	$22	938,300
3g	Diversion Tunnel Portal Reinforced Concrete Encasement	Lump Sum / Lump Sum	$150,000	150,000
3h	Hydraugers	42 / EA	$2,500	105,000
3i	Diversion Portal Instrumentation	Lump Sum / Lump Sum	$310,000	310,000
3j	Temporary Tunneling Portal Support	Lump Sum / Lump Sum	$236,000	236,000 ~~265~~
3k	Diversion Portal Hydroseed	2.94 / ACRES	$8,400	24,696
4	**LAKE – TAP PORTAL**			
4a	Core Borings (Over Water)	150 / LF	$1,000	150,000

Valley Water

(ADDENDUM NO. 7) REVISED **BID FORM NO. 1**

Proposal and Bid Items

*This form must be completed in **ink** and changes must be **initialed**.*

ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE QUANTITY / UNIT	UNIT PRICE	TOTAL
4b	Turbidity Barrier	Lump Sum / Lump Sum	$750,000	750,000
4c	Lake-Tap Excavation (Dredging) and MTBM Landing Pad	16,900 / CY	$135	2,281,500
4d	Lake-Tap Rock Backfill	810 / CY	$350	283,500
4e	Diversion Intake Trash Rack	Lump Sum / Lump Sum	$750,000	750,000
5	**TUNNEL EXCAVATION AND LINING**			
5a	18.5-foot Diameter Tunnel Excavation - Class 3	70 / LF	$8,000	560,000
5b	18.5-foot Diameter Tunnel Excavation - Class 4	215 / LF	$10,000	2,150,000
5c	18.5-foot Diameter Tunnel Excavation - Class 5	70 / LF	$18,000	1,260,000
5d	24-foot Diameter Tunnel Excavation - Class 3	150 / LF	$10,000	1,500,000
5e	24-foot Diameter Tunnel Excavation - Class 4	550 / LF	$12,300	6,765,000
5f	24-foot Diameter Tunnel Excavation - Class 5	450 / LF	$20,600	9,270,000
5g	#8 Rock Dowels	210 / EA	$1,500	315,000
5h	Shotcrete in Transition Zone	175 / CY	$2,300	402,500
5i	Reinforced Concrete Liner in Tunnel	675 / LF	$5,000	3,375,000
5j	5-foot Articulated Joint Segments	85 / LF	~~$6,000~~ SG 12,000	~~510,000~~ SG 1,020,000

Valley Water

(ADDENDUM NO. 7) REVISED **BID FORM NO. 1**

Proposal and Bid Items

*This form must be completed in **ink** and changes must be **initialed**.*

ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE QUANTITY UNIT	UNIT PRICE	TOTAL
5k	10-foot Articulated Joint Segments	460 LF	~~$5,000~~ SG 11,000	~~2,300,000~~ SG 5,060,000
5l	LLOT Downstream Leg Reinforced Concrete Plug	Lump Sum Lump Sum	$30,000	30,000
5m	13-foot Steel Liner and Concrete Backfill within Tunnel	Lump Sum Lump Sum	$4,500,000	4,500,000
5n	CLSM Backfill in Transition Zone	450 CY	$250	112,500
5o	Probing Within Rock Tunnel	4,950 LF	$300	1,485,000
5p	Waterproofing Membrane and Drainage Collection System	1,220 LF	$3,000	3,660,000
5q	Diversion Air Vent and Observation Well	Lump Sum Lump Sum	$300,000	300,000
5r	Pre-excavation Drilling Within Rock Tunnel, Direct Cost	4,000 LF	$300	1,200,000
5s	Pre-excavation Drilling and Grouting Within Rock Tunnel, Indirect Cost	150 SHIFTS	$10,000	1,500,000
5t	Pre-excavation Grouting Within Rock Tunnel, Microfine Cement	4,000 SACKS	$120	480,000
5u	Pre-excavation Grouting Within Rock Tunnel, Chemical Grout	5,300 GALLONS	$25	132,500
5v	Tunnel Excavation in Transition Zone – Class 3	505 CY	$865	436,825
5w	Tunnel Excavation in Transition Zone – Class 4	840 CY	$1,050	882,000
5x	Tunnel Excavation in Transition Zone – Class 5	340 CY	$1,300	442,000

Valley Water

(ADDENDUM NO. 7) REVISED **BID FORM NO. 1**

Proposal and Bid Items

*This form must be completed in **ink** and changes must be **initialed**.*

ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE QUANTITY UNIT	UNIT PRICE	TOTAL
5y	Tunneling Standby	30 DAYS	$20,000	600,000
6	**SHAFT EXCAVATION AND LINING**			
6a	Shaft Excavation, Initial Support, Final Lining and Backfill	Lump Sum Lump Sum	$10,100,000	10,100,000
7	**MICROTUNNEL**			
7a	Microtunneling Mobilization and Demobilization	Lump Sum Lump Sum	$3,100,000	3,100,000
7b	Microtunneling (8 to 9-ft Inside Diameter)	372 LF	$18,500	6,882,000
8	**DIVERSION OUTLET STRUCTURE**			
8a	Diversion Outlet Structure Excavation	21,500 CY	$30	645,000
8b	Soil Nails #14, 20 ft	72 EACH	$2,000	144,000
8c	6-inch Shotcrete and #6 Rebar Mat	5,150 SF	$17	87,550
8d	CLSM Backfill for Diversion Outlet Structure	9,650 CY	$500	4,825,000
8e	Earthfill Backfill for Diversion Outlet Structure	6,200 CY	$50	310,000
8f	Diversion Outlet Structure Concrete Foundation	3,600 CY	$850	3,060,000
8g	Diversion Outlet Structure Foundation Anchors	114 EACH	$13,000	1,482,000
8h	Diversion Outlet Structure	Lump Sum Lump Sum	$4,500,000	4,500,000

Valley Water

(ADDENDUM NO. 7) REVISED **BID FORM NO. 1**

Proposal and Bid Items

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ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE QUANTITY UNIT	UNIT PRICE	TOTAL
8i	132-inch Butterfly Valves	Lump Sum Lump Sum	$4,000,000	4,000,000
8j	132-inch Fixed Cone Valves	Lump Sum Lump Sum	$5,800,000	5,800,000
8k	156-inch Steel Pipe	50 LF	$40,000	2,000,000
8l	132-inch Steel Pipe	180 LF	$20,000	3,600,000
8m	Special Seismic Steel Pipe	Lump Sum Lump Sum	$13,800,000	13,800,000
8n	24-inch Sleeve Valve	Lump Sum Lump Sum	$1,500,000	1,500,000
8o	Miscellaneous Mechanicals	Lump Sum Lump Sum	$100,000	100,000
8p	Electrical Equipment	Lump Sum Lump Sum	$1,300,000	1,300,000
8q	Instrumentation and Controls	Lump Sum Lump Sum	$1,300,000	1,300,000
8r	Diversion Outlet Structure Access Road and **Permanent** Fencing	Lump Sum Lump Sum	$150,000	150,000
8s	Hydrostatic Testing	Lump Sum Lump Sum	$75,000	75,000
9	**COYOTE CREEK MODIFICATIONS**			
9a	Temporary Dike and Dewater Northern Channel	Lump Sum Lump Sum	$100,000	100,000
9b	Realign Anderson Force Main (AFM)	Lump Sum Lump Sum	$2,800,000	2,800,000
9c	Discharge Channel and Northern Channel Excavation	41,950 CY	$10	419,500

Valley Water

(ADDENDUM NO. 7) REVISED **BID FORM NO. 1**

Proposal and Bid Items

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ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE QUANTITY / UNIT	UNIT PRICE	TOTAL
9d	Northern Channel Substrate	3,450 / CY	$ 30	103,500
9e	Northern Weir and Southern Weir	Lump Sum / Lump Sum	$200,000	200,000
9f	Permanent Dikes Abutting Southern Weir	Lump Sum / Lump Sum	$20,000	20,000
9g	Riprap Type 1	3,600 / CY	$150	540,000
9h	Riprap Type 2	9,750 / CY	$175	1,706,250
9i	Riprap Type 3	1,350 / CY	$180	243,000
9j	Riprap Type 4	60 / CY	$350	21,000
9k	Boulder Grade Control	200 / TONS	$200	40,000
9l	Turf Reinforcement Matting	3,700 / SY	$60	222,000
9m	Coyote Creek Hydroseed	0.75 / ACRES	$8,400	6,300
		SECTION A SUBTOTAL	$ 154,871,921	

Valley Water

(ADDENDUM NO. 7) REVISED **BID FORM NO. 1**

Proposal and Bid Items

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SECTION B — SUPPLEMENTAL BID ITEMS
These Bid items may or may not be required. They may be deleted entirely or in part, by deductive change order(s), at the sole discretion of the District.

ITEM NO.	DESCRIPTION OF ITEM	APPROXIMATE QUANTITY / UNIT	UNIT PRICE	TOTAL
10	**SUPPLEMENTAL WORK**			
10a	Landslide Excavation, Hoot Owl Way	21,650 / CY	$ 20	433,000
10b	Landslide Excavation, Boat Marina	4,330 / CY	$ 10	43,300
10c	Landslide Remediation, Soil Nails #8, 100 feet	737 / EACH	$3,800	2,800,600
10d	Landslide Remediation, Soil Nails #8, 140 feet	248 / EACH	$5,300	1,314,400
10e	Landslide Remediation, Earthfill for Hoot Owl Way	21,850 / CY	$ 8	174,800
10f	Landslide Remediation, Earthfill for Boat Marina	4,400 / CY	$12	52,800
10g	Existing Intake Improvements, Soil Nails #8, 75 feet	45 / EACH	$6,000	270,000
10h	Existing Intake Improvements, Soil Nails #8, 100 feet	46 / EACH	$8,000	368,000
10i	Existing Intake Improvements, Soil Nails #14, 75 feet	4 / EACH	$20,000	80,000
10j	Existing Intake Improvements, Structural/Mechanical Alterations	Lump Sum / Lump Sum	$100,000	100,000
10k	Supplemental Work Hydroseed	6.3 / ACRES	$5,000	31,500
			SECTION B SUBTOTAL	$ 5,668,400

Valley Water

(ADDENDUM NO. 7) REVISED **BID FORM NO. 1**

Proposal and Bid Items

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SECTION C — ALLOWANCES				
ITEM NO.	**DESCRIPTION OF ITEM**	**APPROXIMATE QUANTITY UNIT**	**UNIT PRICE**	**TOTAL**
11	**ALLOWANCES**			
11a	Other Wildlife and Fish Species (19.09)	1	**$250,000.00**	**$250,000.00**
11b	Sensitive Plants and Vegetation (19.10)	1	**$250,000.00**	**$250,000.00**
11c	Dispute Review Board	1	**$75,000.00**	**$75,000.00**
11d	Facilitated Partnering	1	**$25,000.00**	**$25,000.00**
SECTION C SUBTOTAL				**$600,000.00**
TOTAL BID (SECTIONS A SUBTOTAL + B SUBTOTAL + C SUBTOTAL)				$161,140,321

Designation of Subcontractors

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A. This Designation of Subcontractors form must be completed in compliance with the State of California Subletting and Subcontracting Fair Practices Act, Public Contract Code **§4100 et seq.**, and any amendment thereof. Bidder must complete the form below for each Subcontract **that exceeds one-half of one percent (½%) of the Bidder's total Bid**. A Subcontractor is one who: (1) performs Work or labor; or (2) provides a service to the Bidder; or (3) specially Fabricates and Installs a portion of the work according to the Contract Documents. Bidders failure to list a Subcontractor for any portion of the work in excess of ½% of Bidder's total Bid signifies Bidder will self perform that portion of the Work with its own forces. (Note: If more than one Subcontractor is designated for the same kind of Work, state the portion that each will perform.) After the opening of the Bids, no changes or substitutions will be allowed except as otherwise provided by law. The listing of more than one subcontractor for each item of work to be performed with the words "and/or" will not be permitted. Failure to comply with this requirement may render the Bid nonresponsive and may cause its rejection.

B. Failure by a subcontractor to be registered to perform public work as required by the California Labor Code Section 1771.1 (a) shall be grounds under Section 4107 of the Public Contract Code for the Contractor, with the consent of the awarding authority, to substitute a subcontractor who is registered to perform public work pursuant to Section 1725.5 in place of the unregistered subcontractor.

NAME LOCATION (City & State)	LICENSE NO. EXPIRATION DATE	DIR REGISTRATION NO. EXPIRATION DATE	TYPE OF WORK	% of TOTAL CONTRACT
Drill Tech Drilling & Shoring Antioch, CA	745354 1/31/2022	1000004866 6/30/2022	Tunneling	22%

SIGNATURE BLOCK (Signature Block must be completed in *ink* and changes must be *initialed*.)	
Bidder's Signature:	Date: 3/29/2021
Bidder's Name and Title (Print): Shawn Golden, Vice President	

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	NAME / LOCATION (City & State)	LICENSE NO. / EXPIRATION DATE	DIR REGISTRATION NO. / EXPIRATION DATE	TYPE OF WORK	% of TOTAL CONTRACT
SG	~~James W. Fowler~~			Microtunneling	
SG	~~Dallas, Oregon~~				
	Vadnais Trenchless Services	997903	1000030849	Microtunneling	5%
SG	~~Lake~~ Forest, CA	10/31/2022	6/30/2021		
SG	~~Sierra Mountain Construction~~	~~885550~~	~~1000001151~~	~~Microtunneling~~	
SG	~~Sonora, CA~~	~~10/31/2022~~	~~6/30/2022~~		
SG	~~Ward & Burke Tunneling~~	~~1050689~~	~~1000553016~~	~~Microtunneling~~	
SG	~~Columbus, Ohio~~	~~2/28/2023~~	~~6/30/2022~~		
SG	~~The Dutra Group~~	~~295128~~	~~1000001577~~	~~Microtunneling~~	
SG	~~San Rafael, CA~~	~~12/31/2021~~	~~6/30/2022~~		

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Drill Tech Drilling & Shoring Antioch, CA	745354 1/31/2022	1000004866 6/30/2022	Soil Nail/ Shotcrete	6%
SG ~~Geostructural Engineering~~ SG ~~Dublin, CA~~	~~1062689~~ ~~1/31/2022~~	~~1000569889~~ ~~6/30/2022~~	~~Soil Nail/ Shotcrete~~	
SG ~~Kellar North America~~ SG ~~Irvine, CA~~	~~482246~~ ~~11/30/2021~~	~~1000006388~~ ~~6/30/2022~~	~~Soil Nail/ Shotcrete~~	
SG ~~Schnabel Foundation Co.~~ SG ~~Sterling, VA~~	~~424128~~ ~~6/30/2022~~	~~1000003290~~ ~~6/30/2023~~	~~Soil Nail/ Shotcrete~~	
SG ~~Force Drilling, LLC~~ SG ~~Mt Morris, PA~~	~~1061114~~ ~~12/31/2021~~	~~1000580187~~ ~~6/30/2021~~	~~Soil Nail/ Shotcrete~~	

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Blocka Construction Pleasanton, CA	679326 10/31/2021	1000000447 6/30/2022	Electrical, Instrumentation & Controls	1%
SG ~~Darrel Varni Electric~~ SG ~~Watsonville, CA~~	~~735622~~ ~~12/31/2022~~	~~1000001220~~ ~~6/30/2022~~	~~Electrical, Instrumentation & Controls~~	
SG ~~Edward W. Scott Electric~~ SG ~~Richmond, CA~~	~~190426~~ ~~10/31/2022~~	~~1000005701~~ ~~6/30/2022~~	~~Electrical, Instrumentation & Controls~~	
SG ~~McGrath Electric~~ SG ~~Fairfield, CA~~	~~853934~~ ~~2/28/2023~~	~~1000002028~~ ~~6/30/2022~~	~~Electrical, Instrumentation & Controls~~	
SG ~~Rosendin Electric~~ SG ~~San Jose, CA~~	~~142881~~ ~~9/30/2022~~	~~1000000659~~ ~~6/30/2022~~	~~Electrical, Instrumentation & Controls~~	
SG ~~Vellutini Corp dba Royal Electric~~ SG ~~Sacramento, CA~~	~~357377~~ ~~5/31/2021~~	~~1000000111~~ ~~6/30/2021~~	~~Electrical, Instrumentation & Controls~~	

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SG ~~SD Electric~~ SG ~~Tracy, CA~~	~~850914~~ ~~12/31/2022~~	~~1000005683~~ ~~6/30/2022~~	~~Electrical, Instrumentation & Controls~~	
SG ~~St Francis Electric~~ SG ~~San Leandro, CA~~	~~1003811~~ ~~5/31/2021~~	~~1000022208~~ ~~6/30/2021~~	~~Electrical, Instrumentation & Controls~~	
SG ~~Tennyson Electric~~ SG ~~Livermore, CA~~	~~717998~~ ~~1/31/2022~~	~~1000013487~~ ~~6/30/2022~~	~~Electrical, Instrumentation & Controls~~	

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SG ~~Gamblin Steel~~ SG ~~Rocklin, CA~~	~~218839~~ ~~7/31/2022~~	~~1000003852~~ ~~6/30/2021~~	~~Rebar~~	
SG ~~CMC Rebar~~ SG ~~Etiwanda, CA~~	~~778010~~ ~~4/30/2022~~	~~1000000298~~ ~~6/30/2022~~	Rebar	
Pacific Steel Group San Diego, CA	997880 10/31/2022	1000004101 6/30/2021	Rebar	3%

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SG ~~Ballard Marine Construction~~ SG ~~Washougal, WA~~	~~937534~~ ~~9/30/2021~~	~~1000012618~~ ~~6/30/2021~~	~~Marine/Diving~~	
SG ~~Harbor Offshore~~ SG ~~Ventura, CA~~	~~742617~~ ~~11/30/2021~~	~~1000030945~~ ~~6/30/2021~~	~~Marine/Diving~~	
Global Diving & Salvage Vallejo, CA	806939 4/30/2022	1000010707 6/30/2021	Marine/Diving	2%
SG ~~The Dutra Group~~ SG ~~San Rafael, CA~~	~~295128~~ ~~12/31/2021~~	~~1000001577~~ ~~6/30/2022~~	~~Marine/Diving~~	
SG ~~Vortex Marine Construction~~ SG ~~Antioch, CA~~	~~649452~~ ~~7/31/2022~~	~~1000005552~~ ~~6/30/2021~~	~~Marine/Diving~~	

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EC Applications LLC Anaheim, CA	1003207 4/30/2021	1000021148 6/30/2021	Waterproofing	2%

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SG

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NAME LOCATION (City & State)	LICENSE NO. EXPIRATION DATE	DIR REGISTRATION NO. EXPIRATION DATE	TYPE OF WORK	% of TOTAL CONTRACT

SIGNATURE BLOCK (Signature Block must be completed in *ink* and changes must be *initialed*.)	
Bidder's Signature:	Date: 3/29/2021
Bidder's Name and Title (Print): Shawn Golden, Vice President	

Designation of Subcontractors

*This form must be completed in **ink** and changes must be **initialed**.*

A. This Designation of Subcontractors form must be completed in compliance with the State of California Subletting and Subcontracting Fair Practices Act, Public Contract Code **§4100 et seq.**, and any amendment thereof. Bidder must complete the form below for each Subcontract **that exceeds one-half of one percent (½%) of the Bidder's total Bid**. A Subcontractor is one who: (1) performs Work or labor; or (2) provides a service to the Bidder; or (3) specially Fabricates and Installs a portion of the work according to the Contract Documents. Bidders failure to list a Subcontractor for any portion of the work in excess of ½% of Bidder's total Bid signifies Bidder will self perform that portion of the Work with its own forces. (Note: If more than one Subcontractor is designated for the same kind of Work, state the portion that each will perform.) After the opening of the Bids, no changes or substitutions will be allowed except as otherwise provided by law. The listing of more than one subcontractor for each item of work to be performed with the words "and/or" will not be permitted. Failure to comply with this requirement may render the Bid nonresponsive and may cause its rejection.

B. Failure by a subcontractor to be registered to perform public work as required by the California Labor Code Section 1771.1 (a) shall be grounds under Section 4107 of the Public Contract Code for the Contractor, with the consent of the awarding authority, to substitute a subcontractor who is registered to perform public work pursuant to Section 1725.5 in place of the unregistered subcontractor.

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Bidder's Signature:	Date: 3/29/2021
Bidder's Name and Title (Print): Shawn Golden, Vice President	

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SIGNATURE BLOCK (Signature Block must be completed in *ink* and changes must be *initialed*.)	
Bidder's Signature:	Date: 3/29/2021
Bidder's Name and Title (Print): Shawn Golden, Vice President	

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NAME LOCATION (City & State)	LICENSE NO. EXPIRATION DATE	DIR REGISTRATION NO. EXPIRATION DATE	TYPE OF WORK	% of TOTAL CONTRACT

SIGNATURE BLOCK (Signature Block must be completed in *ink* and changes must be *initialed*.)	
Bidder's Signature:	Date: 3/29/2021
Bidder's Name and Title (Print): Shawn Golden, Vice President	

SG

Noncollusion Affidavit

*This form must be completed in **ink** and changes must be **initialed**.*

In accordance with Public Contract Code Section 7106, Shawn Golden
(Bidder's full name)

declares that he or she is Vice President
(Bidder's title)

of Flatiron West Inc.
(Company's name)

the party making the foregoing Bid that the Bid is not made in the interest of, or on behalf of, any disclosed person, partnership, company, association, organization, or corporation; that the Bid is genuine and not collusive or sham; that the Bidder has not directly or indirectly induced or solicited any other Bidder to put in a false or sham bid, and has not directly or indirectly colluded, conspired, connived, or agreed with any Bidder or anyone else to put in a sham bid, or that anyone shall refrain from bidding; that the Bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the Bid price of the Bidder or any other Bidder, or to fix any overhead, profit, or cost element of the Bid price, or of that of any other Bidder, or to secure any advantage against the public body awarding the contract of anyone interested in the proposed contract; that all statements contained in the Bid are true; and, further, that the Bidder has not, directly or indirectly, submitted the Bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, or paid, and will not pay, any fee to any corporation, partnership, company association, organization, Bid depository, or to any member or agent thereof to effectuate a collusive or sham bid.

I certify (or declare) under penalty of perjury under the laws of the State of California that the foregoing is true and correct.

SIGNATURE BLOCK (Signature Block must be completed in *ink* and changes must be *initialed*.)	
Bidder's Signature:	Date: 3/29/2021
Bidder's Name and Title (Print): Shawn Golden, Vice President	

Valley Water

BID FORM NO. 5

Bidder's Bond

*This form must be completed in **ink** and changes must be **initialed**.*

BE IT KNOWN BY THESE PRESENTS,

That we, **Flatiron West, Inc.**, as PRINCIPAL,
and **Liberty Mutual Insurance Company**, as SURETY,

are held and firmly bound unto the Santa Clara Valley Water District, hereinafter called the District, in the penal sum of TEN PERCENT (10%) OF THE TOTAL AMOUNT OF THE PROPOSAL of the Principal above named, submitted by said Principal to the Santa Clara Valley Water District, for the work described below, for the payment of which sum is lawful money of the United States, well and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents. In no case shall the liability of the surety hereunder exceed the sum of $ **10%** **.Ten Percent of the Total Amount of the Proposal.**

THE CONDITION OF THIS OBLIGATION IS SUCH,

That whereas the Principal has submitted the above mentioned Proposal to the District, for certain construction specifically described as follows, for which Proposals are to be opened at San Jose, California, on **3/30**, 20**21**, (or such other date as specified per Addendum) for

C0663 – ANDERSON DAM TUNNEL PROJECT

NOW, THEREFORE, if the aforesaid Principal is awarded the Contract and, within the time and manner required under the Contract Documents, after the prescribed forms are presented to him for signature, enters into a written contract, in the prescribed form, in accordance with the Proposal, and files originals (copies are unacceptable) of the two bonds with the District, one to guarantee faithful performance and the other to guarantee payment for labor and materials, as required by law, then this obligation shall be null and void; otherwise, it shall be and remain in full force and virtue.

In the event suit is brought upon this bond by the obligee and judgment is recovered, the surety shall pay all costs incurred by the obligee in such suit, including a reasonable attorney's fee to be fixed by the court.

IN WITNESS WHEREOF, we have hereunto set our hands and seal on the **24th** day of **March**, 20**21**

PRINCIPAL: Flatiron West, Inc.	**SURETY: Liberty Mutual Insurance Company**
Signature	Signature
Shawn Golden	**Lisa M. Scavetta**
Name	Name (Seal)
Vice President	**Attorney-In-Fact**
Title	Title
2100 Goodyear Road, Benicia, CA 94510	**175 Berkeley Street, Boston, MA 02116**
Address	Address

NOTE: 1. Original Bidder's Bond documents **with embossed seal from the Surety** are required. **Photocopies** are unacceptable **and will result in the Bid submitted being determined non-responsive**.

2. Signature of those executing for Surety must be properly acknowledged.

ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of SOLANO)

On March 29, 2021 before me, Lillian M. Simon, Notary Public
(insert name and title of the officer)

personally appeared Shawn Golden,
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature Lillian M. Simon (Seal)

LILLIAN M. SIMON
Notary Public - California
Solano County
Commission # 2265823
My Comm. Expires Dec 2, 2022

LIBERTY MUTUAL INSURANCE COMPANY

FINANCIAL STATEMENT — DECEMBER 31, 2019

Assets

Cash and Bank Deposits	$778,754,989
*Bonds — U.S Government	2,780,808,610
*Other Bonds	12,645,608,792
*Stocks	16,385,435,431
Real Estate	235,608,378
Agents' Balances or Uncollected Premiums	6,217,983,641
Accrued Interest and Rents	102,273,390
Other Admitted Assets	11,957,106,292
Total Admitted Assets	**$51,103,579,523**

Liabilities

Unearned Premiums		$8,007,146,482
Reserve for Claims and Claims Expense		21,532,853,787
Funds Held Under Reinsurance Treaties		507,868,920
Reserve for Dividends to Policyholders		1,143,826
Additional Statutory Reserve		125,722,000
Reserve for Commissions, Taxes and Other Liabilities		4,117,460,075
Total		**$34,292,195,090**
Special Surplus Funds	$32,768,443	
Capital Stock	10,000,075	
Paid in Surplus	10,044,978,933	
Unassigned Surplus	6,723,636,983	
Surplus to Policyholders		**16,811,384,434**
Total Liabilities and Surplus		**$51,103,579,524**

LIBERTY MUTUAL INSURANCE COMPANY INCORPORATED 1912 MASSACHUSETTS

* Bonds are stated at amortized or investment value; Stocks at Association Market Values.
The foregoing financial information is taken from Liberty Mutual Insurance Company's financial statement filed with the state of Massachusetts Department of Insurance.

I, TIM MIKOLAJEWSKI, Assistant Secretary of Liberty Mutual Insurance Company, do hereby certify that the foregoing is a true, and correct statement of the Assets and Liabilities of said Corporation, as of December 31, 2019, to the best of my knowledge and belief.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the seal of said Corporation at Seattle, Washington, this 27th day of March, 2020.

T A Mikolajewski

Assistant Secretary

S-1262LMIC/a 3/20

This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual. SURETY

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8204080-974450

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Charo J. Rosemond; Elliott W. Wolffe; James Baldassare Jr.; John F. Surano; Krista A. Burke; Lisa M. Scavetta; Maria L. Spadaccini; Nicholas F. Walsh; Sherryanne M. DePirro

all of the city of Saddle Brook state of NJ each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 3rd day of August, 2020.

LIBERTY MUTUAL INSURANCE COMPANY INCORPORATED 1912 MASSACHUSETTS — THE OHIO CASUALTY INSURANCE COMPANY INCORPORATED 1919 NEW HAMPSHIRE — WEST AMERICAN INSURANCE COMPANY INCORPORATED 1991 INDIANA

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 3rd day of August, 2020 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.

TERESA PASTELLA COMMONWEALTH OF PENNSYLVANIA NOTARY PUBLIC

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV – OFFICERS: Section 12. Power of Attorney.
Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII – Execution of Contracts: Section 5. Surety Bonds and Undertakings.
Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation – The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization – By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 24th day of March, 2021.

LIBERTY MUTUAL INSURANCE COMPANY INCORPORATED 1912 MASSACHUSETTS — THE OHIO CASUALTY INSURANCE COMPANY INCORPORATED 1919 NEW HAMPSHIRE — WEST AMERICAN INSURANCE COMPANY INCORPORATED 1991 INDIANA

By: Renee C. Llewellyn, Assistant Secretary

LMS-12873 LMIC OCIC WAIC Multi Co_12/19

№ 2131

STATE OF CALIFORNIA

DEPARTMENT OF INSURANCE

SAN FRANCISCO

AMENDED

Certificate of Authority

THIS IS TO CERTIFY, *That, pursuant to the Insurance Code of the State of California,*

LIBERTY MUTUAL INSURANCE COMPANY

of BOSTON, MASSACHUSETTS *, organized under the laws of* MASSACHUSETTS *, subject to its Articles of Incorporation or other fundamental organizational documents, is hereby authorized to transact within this State, subject to all provisions of this Certificate, the following classes of insurance:* FIRE, MARINE, SURETY, DISABILITY, PLATE GLASS, LIABILITY, WORKMEN'S COMPENSATION, COMMON CARRIER LIABILITY, BOILER AND MACHINERY, BURGLARY, CREDIT, SPRINKLER, TEAM AND VEHICLE, AUTOMOBILE, AIRCRAFT and MISCELLANEOUS

as such classes are now or may hereafter be defined in the Insurance Laws of the State of California.

THIS CERTIFICATE *is expressly conditioned upon the holder hereof now and hereafter being in full compliance with all, and not in violation of any, of the applicable laws and lawful requirements made under authority of the laws of the State of California as long as such laws or requirements are in effect and applicable, and as such laws and requirements now are, or may hereafter be changed or amended.*

IN WITNESS WHEREOF, *effective as of the* 15TH *day of* NOVEMBER, 1961, *I have hereunto set my hand and caused my official seal to be affixed this* 15TH *day of* NOVEMBER, 1961.

F. BRITTON McCONNELL
Insurance Commissioner

By John H. Anderson
Deputy

*This form must be completed in **ink** and changes must be **initialed**.*

Iran Contracting Act Bid Certification
(Public Contract Code Sections 2202–2208)
Must be Completed for any Proposal of $1,000,000 or more

Public Contract Code (PCC) Sections 2200–2208 are known as the Iran Contracting Act of 2010 and prohibit public entities from contracting with companies that have specified business activities in Iran's petroleum sector. Companies seeking to bid on state or local government contracts are required to certify that they are not engaged in developing Iran's petroleum resources.

Prior to bidding on, submitting a proposal or executing a contract or renewal for a Santa Clara Valley Water District contract for goods or services of one million dollars ($1,000,000 or more), a person (vendor, firm, corporation, etc.) must either: a) certify it is **not** on the current list of persons engaged in investment activities in Iran created by the California Department of General Services ("DGS") pursuant to Public Contract Code Section 2203(b) and is not a financial institution extending twenty million dollars ($20,000,000) or more in credit to another person, for 45 days or more, if that other person will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS; or b) demonstrate it has been exempted from the certification requirement for that solicitation or contract pursuant to Public Contract Code Section 2203(c) or (d). The DGS list is posted online at: (www.dgs.ca.gov, search "Iran Contracting Act List").

To comply with this requirement, please complete **one** of the options below. Please note: California law establishes penalties for providing false certifications, including civil penalties equal to the greater of $250,000 or twice the amount of the contract for which the false certification was made; contract termination; and three-year ineligibility to bid on contracts. (Public Contract Code Section 2205.)

Iran Contracting Act Bid Certification

*This form must be completed in **ink** and changes must be **initialed**.*

Please complete one of the options below (see prior page for additional explanation).

OPTION NO.1—CERTIFICATION

I, the official named below, certify I am duly authorized to execute this certification on behalf of the person/financial institution identified below, and the person/financial institution identified below is **not** on the current list of persons engaged in investment activities in Iran created by DGS and is not a financial institution extending twenty million dollars ($20,000,000) or more in credit to another person/vendor, for 45 days or more, if that other person/vendor will use the credit to provide goods or services in the energy sector in Iran and is identified on the current list of persons engaged in investment activities in Iran created by DGS.

Name of Person (Vendor, Firm, Corporation, etc.)/Financial Institution (Printed): Flatiron West Inc.	Federal ID No. (or n/a): 84-1173347
By (Authorized Signature):	
Printed Name and Title of Person Signing: Shawn Golden, Vice President	
Date Executed: 3/29/2021	Executed in (City & State): Benicia, CA

OPTION NO. 2—EXEMPTION

Pursuant to Public Contract Code Sections 2203(c) and (d), a public entity may permit a person/financial institution engaged in investment activities in Iran, on a case-by-case basis, to be eligible for, or to bid on, submit a proposal for, or enter into or renew, a contract for goods and services.

If you have obtained an exemption from the certification requirement under the Iran Contracting Act, please fill out the information below, and attach documentation demonstrating the exemption approval.

Name of Person (Vendor, Firm, Corporation, etc.)/Financial Institution (Printed):	Federal ID No. (or n/a):
By (Authorized Signature):	
Printed Name and Title of Person Signing:	
Date Executed:	Executed in (City & State):

Flatiron

Additional Attachments Required with Bid

Spec Section

13400

System Integrator

Resumes

(Page 13400-6,

Item 1.03, C)

and Qualifications

(Page 13400-22, Item

1.05)

STATEMENT OF QUALIFICATIONS

FOR

SCVWD – Anderson Dam Tunnel Project

PRIMEX®

859 Cotting Court, Suite G
Vacaville, CA 95688
www.primexcontrols.com

©2020 SJE, Inc. PRIMEX is a trademark of SJE, Inc. All rights, title, and interest in all specifications, ideas and concepts contained herein shall at all times be and remain vested in SJE, Inc. All persons with access to this document shall not retain, use or disclose any of such work without the express written permission of SJE, Inc.

Dear CUSTOMER,

PRIMEX is pleased to offer CUSTOMER our Statement of Qualifications.

PRIMEX is a full-service organization with over 165 full time staff. Our experienced staff of project managers, engineers, programmers, and certified technicians offers years of system integration and process knowledge across all facets of water/wastewater applications.

Thank you for considering our submittal. PRIMEX has a proven track record of success, so please do not hesitate to contact any or all of the references included in this document.
Please let us know if we can answer any questions..

Respectfully yours,

Todd R. Holtz
Vice President of Sales –
Engineered Products PRIMEX

About SJE®

SJE® dba as PRIMEX® is a 100% employee owned company providing engineered control solutions for water and wastewater clients. SJE has more than 400 employee- owners across 7 locations in the United States and China. We are the largest provider of complete control solutions for water applications in North America. PRIMEX offers a broad end-to-end suite of products and services, including: standard pump control panels; full-featured, web-hosted icontrol® SCADA solutions; and highly complex systems integration projects for municipal, industrial, and commercial applications.

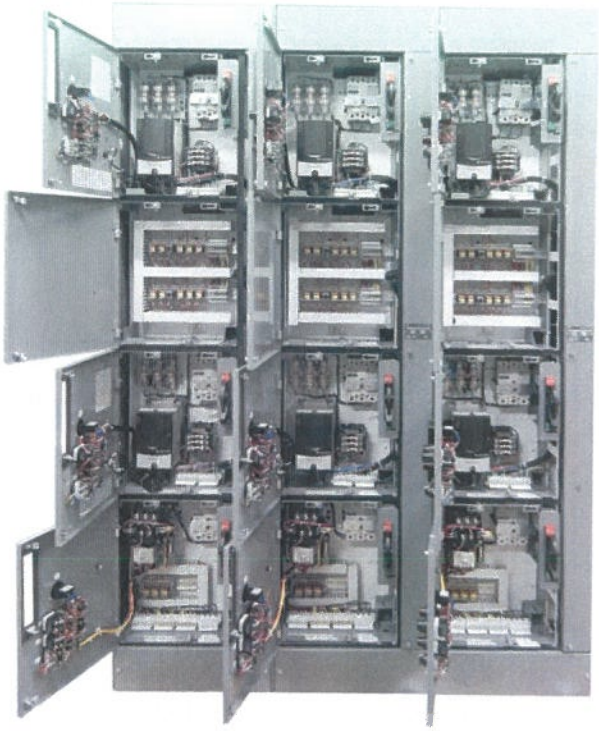
With thousands of installations across North America, nearly a century of expertise, and hundreds of combined years of engineering and electrical controls experience, PRIMEX provides control solutions using the latest technology to deliver energy efficient and cost effective systems carrying UL 508A, UL 698A and UL NNNY and other approvals as specified.

Multiple design and production facilities located across North America ensure PRIMEX customers seamless, high-quality water control solutions. PRIMEX team members are fully engaged in every project. Fast turnaround of quotes and submittals help us serve the needs of our customers. PRIMEX Product Development is continually designing innovative solutions to meet the growing demands of the water control industry.

Primary Services

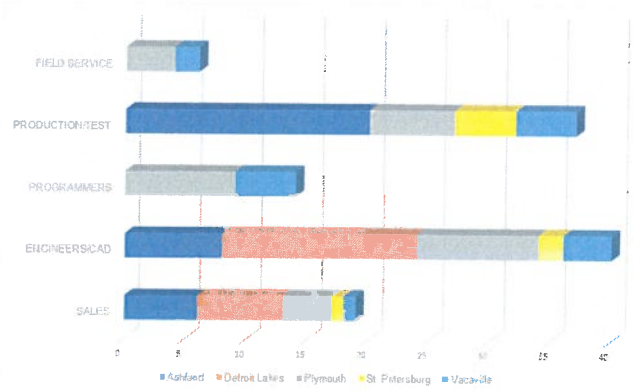
SJE continues to grow in both size and abilities in order to anticipate and meet our client expectations. Our clients rely on PRIMEX to provide comprehensive services to address the variety of issues that can arise during each project. Our team's Primary Services include:

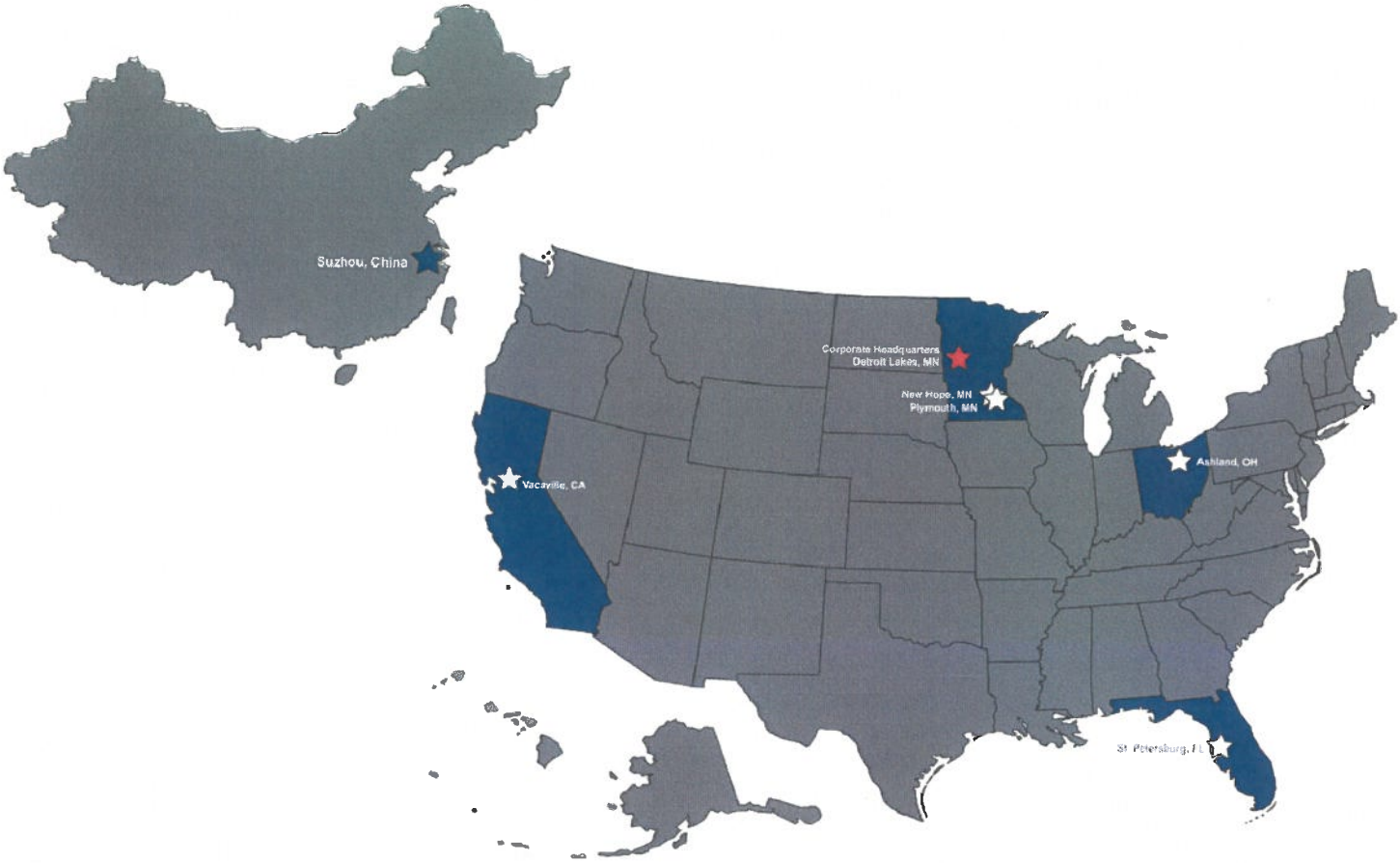
- Design Engineering
- Project Management
- Programming & Networking Services
- Panel Fabrication
- System Testing & Commissioning
- Field Services



Employee Skill Sets

Most of our team members have complementing primary and secondary skill sets. Having this flexibility allows us to meet challenging schedules and react to emergency service needs.




Suzhou, China
Corporate Headquarters
Detroit Lakes, MN
New Hope, MN
Plymouth, MN
Ashland, OH
Vacaville, CA
St. Petersburg, FL

Design Engineering

As one of the most experienced teams in the water/ wastewater controls industry, we expertly take your project from concept to implementation.

Highly Qualified Engineering Team

Our staff of 40 engineers — including registered Professional Engineers (PE) in control systems, electrical engineering, and mechanical engineering — have the experience to provide innovative and practical solutions. Our team also includes a nationwide network of authorized engineer representatives, service providers, and partners.

Detail-Oriented Project Planning

Thoroughly planning a project from its inception results in sound design, optimal performance, and reliable system integration. Our staff of controls engineers partner with our clients on every detail to ensure reliable, robust, and flexible custom control systems. This area of expertise consists of the following components:

- P&I diagrams
- Loop drawings
- Power and control panel layout wiring
- Floor plans and electrical layouts
- Service entrance, switchgear, and motor control center design
- Computer network one lines
- Detailed LAN/WAN connection diagrams
- Pneumatic and hydraulic diagrams
- I/O schematics
- Equipment submittals
- Testing and training submittals
- Operation and maintenance manuals

Outdoor Rated VFD Panels

Filter Control Panel

Project Management

Complex projects involve multiple parties that provide pieces of the overall implementation. Project Managers are trained to oversee timelines, resolve issues, negotiate conflicting priorities, and manage the budget. Most importantly, they provide ongoing communication to all parties that have a vested interest. The following areas are where our Project Managers really stand out.

Extensive Experience

At PRIMEX, our Project Managers have extensive experience managing projects for the water/wastewater segment. They understand that a project's success depends on having the social skills and focus to both accomplish the project objectives and maximize value to our clients.

Exceptional Skills

The desired outcome of any project is to complete objectives on time and within budget. We go above and beyond by managing the entire process, from pre-project planning, to dealing with unexpected issues, to leveraging the team for innovative solutions, to consistent and effective communication. These skills are what set PRIMEX Project Managers apart from all others.

Unrivaled Industry Knowledge

We understand the water/wastewater industry and controls inside and out. With a PRIMEX project, you will not have to train our Project Managers in the industry — it's what we do.

Programming & Network Services

PRIMEX provides a full staff of programmers and network specialists experienced in many areas of process control. All are certified in multiple PLC, HMI, reporting and database application software packages. PRIMEX utilizes certified software standards to meet the requirements of your specific project.

Top-Notch Security

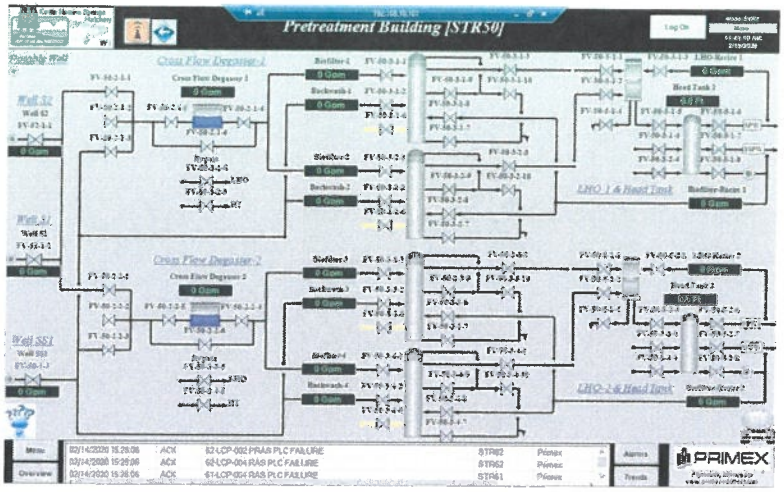
With ever-growing security concerns, PRIMEX can address your network hardware and software to provide you with the latest in protection:

- Requirements analysis
- PLC Programming
- SCADA/HMI programing
- Design/development testing
- Database-driven reporting
- Network architecture design
- Security evaluations
- Firewall hardware and software setup
- Custom software/driver development

Expert Radio Telemetry Services

For over 45 years, PRIMEX has provided a full range of radio telemetry services for Water Distribution, Wastewater Conveyance, and Industrial Controls applications. This area of expertise consists of the following components:

- Computer modeled radio path studies
- Radio path verification studies and site surveys
- Telephony
- Radio, Cellular, Broadband
- Fiber optic



Fabrication

PRIMEX has four full-service panel assembly facilities across the nation that can handle any assembly project from beginning to end.

Latest Drafting & Labeling Methods

Our assembly technicians use the latest in computer-generated drafting and labeling methods to deliver our customers well-organized, easy-to-maintain control panels that look good and operate accurately.

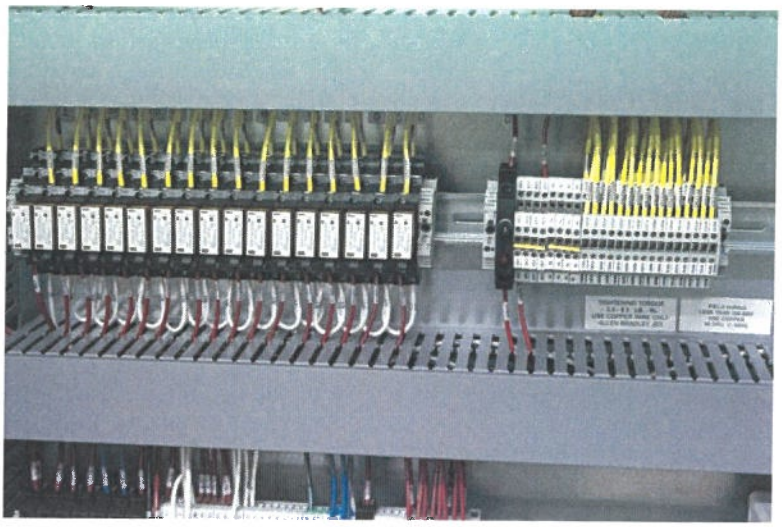
Numerous Certifications

Panels are built and listed in-house to one or more of the following certifications:

- UL 508A - Listing for Industrial Control Panels
- UL 698A - Listing for Enclosed Industrial Control Panels with Circuit Extensions to a Hazardous Location
- UL NNNY – Listing for Class 1, Division 1 and 2 Locations

Highly Skilled Staff

Whether your project involves power wiring, simple relay logic, or the latest in software-controlled automation, our assembly technicians and engineers have the necessary skills to produce control panels that you will be proud to own and pleased to operate.



System Testing & Commissioning

Every panel and project PRIMEX produces undergoes a rigorous checkout procedure before shipping to ensure that the system performs as expected, per project requirements. Our standardized approach includes:

- Nameplate and labeling review
- System mechanical and wiring integrity
- System power-up and electrical integrity
- Software/programming loading
- System functional test and description of operations review
- Telemetry and communications review

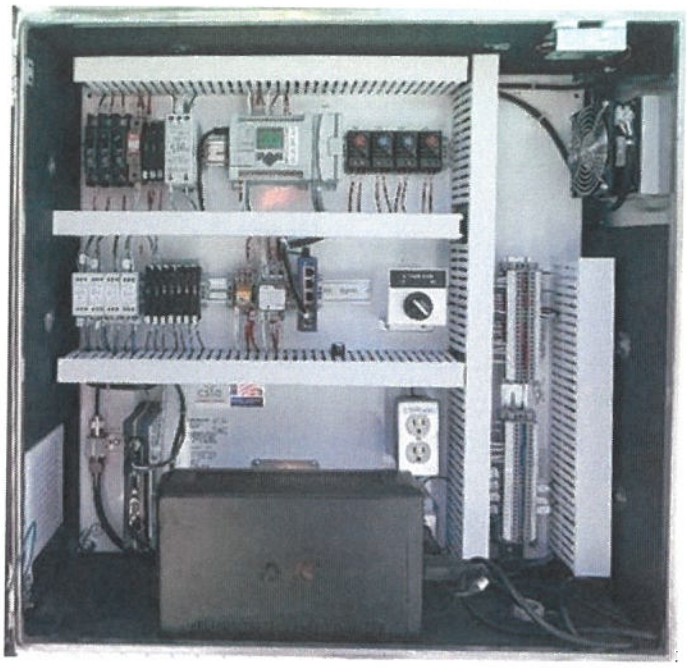
Additional Services

We encourage customer factory acceptance tests whenever possible to help ensure smooth implementation and start-ups. Also, our project managers, programmers, and service technicians involved throughout the project will perform commissioning and start-up services.

Field Service

PRIMEX provides a full staff of qualified service technicians experienced in process control. From system and instrumentation checkout to startup, our staff is capable of starting up a system and providing the necessary training to operators. This area of expertise consists of the following components:

- System startup
- Instrumentation calibration and commissioning
- System troubleshooting
- System training
- System documentation



Custom Service Contracts

PRIMEX performs routine services and offers ServiceFlex, an on-demand service and parts maintenance plan. These service contracts are developed to answer to the project requirements and the customers' specific needs. PRIMEX performs these services throughout the United States.

Remote Support

PRIMEX supports all areas of expertise with continued service for our customers, ranging from instrument calibration to IT software diagnostics. PRIMEX offers remote support as part of our project support agreements, which allows the engineer to go online with the client's facility control system and aid them in troubleshooting.

Obtain Parts Quickly

PRIMEX also stocks common parts at the factory and has strong relationships with various manufactures, allowing us to obtain critical parts quickly.

UL Certifications

- UL 508A Listing for Industrial Control Panels
- UL 698A Listing for Enclosed Industrial Control Panels with Circuit Extensions to a Hazardous Location
- UL NNNY Listing Class I, Division I and 2 Locations
- cUL Listing

Control System Integrator Association (CSIA) Member

Trihedral – VTScada Certified System Integrator

Inductive Automation – Ignition Certified

Wonderware – System Integrator Partner/ System Platform Certified

Profibus DP – Certified Profibus DP Professional

Rockwell Recognized System Integrator

Vacaville – C10 Contractors License

CLSB: 1016640

Home CONTRACTORS STATE LICENSE BOARD

Contractor's License Detail for License # 1016640

DISCLAIMER: A license status check provides information taken from the CSLB license database. Before relying on this information, you should be aware of the following limitations.

- CSLB complaint disclosure is restricted by law (B&P 7124.6) If this entity is subject to public complaint disclosure click on link that will appear below for more information. Click here for a definition of disclosable actions.
- Only construction related civil judgments reported to CSLB are disclosed (B&P 7071.17).
- Arbitrations are not listed unless the contractor fails to comply with the terms.
- Due to workload, there may be relevant information that has not yet been entered into the board's license database.

Data current as of 3/25/2021 9:38:26 AM

Business Information

MCC CONTROLS LLC
DBA PRIMEX

22650 COUNTY HWY 6
DETROIT LAKES, MN 56501
Business Phone Number:(218) 847-1317

Entity Ltd Liability
Issue Date 07/28/2016
Expire Date 07/31/2022

License Status

This license is current and active.

All information below should be reviewed.

Classifications

C10 - ELECTRICAL

Bonding Information

Contractor's Bond

This license filed a Contractor's Bond with WESTERN SURETY COMPANY.
Bond Number: 929631220
Bond Amount: $15,000
Effective Date: 06/23/2016

LLC EMPLOYEE/WORKER BOND

This license filed a LLC Employee/Worker Bond with WESTERN SURETY COMPANY.
Bond Number: 929631221
Bond Amount: $100,000
Effective Date: 06/24/2016

Bond of Qualifying Individual

This license filed Bond of Qualifying Individual number **72196071** for JOSEPH BRIAN MARTELL in the amount of **$12,500** with WESTERN SURETY COMPANY.
Effective Date: 09/11/2019

Workers' Compensation

This license has workers compensation insurance with the INSURANCE COMPANY OF THE WEST
Policy Number:WMN505889900
Effective Date: 01/01/2021
Expire Date: 01/01/2022
Workers' Compensation History

Liability Insurance Information

This license has liability insurance with AIG SPECIALTY INSURANCE COMPANY
Policy Number: EG17058844
Amount: $2,000,000
Effective Date: 08/01/2018
Expiration Date: 08/01/2021
Liability Insurance History

Angela O'Connor, Operations Manager – Vacaville, CA

Expertise:

- Project Management
- System Integration
- Panel Fabrication
- Customer Service

Experience Summary:

Mrs. O'Connor began working with PRIMEX (previously MCC Control Systems) in 2013. In her current role as Operations Manager, Mrs. O'Connor is responsible for Production, Engineering, Field Service and Project Management. Mrs. O'Connor has PMP Certification and prior to joining PRIMEX managed numerous projects and programs in the fields of energy efficiency and renewable energy for residential and commercial applications.

Credentials:

M.B.A. Project Management, University of Phoenix

B.S. Business, University of Phoenix

PMP Certification, Project Management Institute

Key Projects:

Fresno, CA – Southeast Surface WTP
Roles: Project Manager/Operations Manager
Client: City of Fresno, CA
Application: Surface Water Treatment
Dates: March 2016 - May 2019

Sunol, CA – SVWTP Powdered Activated Carbon System
Roles: Project Manager/Operations Manager
Client: San Francisco Public Utility Commission
Application: Powdered Activated Carbon System
Dates: May 2018 - August 2019

Manteca, CA – Wells 28 & 29 Equipping Project
Roles: Project Manager/Operations Manager
Client: City of Manteca
Application: Well Sites
Dates: April 2018 - November 2019

Hollister, CA – West Hills Water Treatment Project
Roles: Project Manager/Operations Manager
Client: San Benito County Water District
Application: Water Treatment Plant
Dates: September 2015 – June 2018

Castro Valley, CA – Eden Reservoir Replacement
Roles: Project Manager/Operations Manager
Client: East Bay Municipal Utility District
Application: Tank Reservoir
Dates: March 2015 – October 2018

Todd Rammell – Design Engineering Manager

Expertise:

- Project Management
- Design & Engineering
- PLC, OIP & SCADA Programming
- Estimating

Experience Summary:

Mr. Rammell has 40+ years of OEM/System Integration experience in Production, Field Service, Estimating, PLC & SCADA Programming, Design, Engineering and Project Management. Mr. Rammell joined PRIMEX in 2013 and as the Design Engineering Manager has overall responsibility for project design from start to finish. These projects are comprised of electrical, instrumentation, switchgear, motor control centers, control panels, PLCs, RTUs, and various SCADA systems.

Credentials:

Associates of Arts Degree, Diablo Valley College

Key Projects:

San Joaquin Electric – Echowater Flow Equalization

Role: Project Manager
Client: San Joaquin Electric Company
Application: Wastewater Treatment
Dates: August 2015 – December 2019

Phoenix Electric Company – Chemical System Relocation

Role: Project Manager
Client: Phoenix Electric Company
Application: Wastewater Treatment
Dates: August 2014 – April 2018

Redwood City Marina PS 17 & 19

Role: Project Manager
Client: Blocka Construction
Application: Pump Station
Dates: January 2016 - 2018

Ebmud Moyers & RD 24 #2

Role: Project Manager
Client: Fidel Electric
Application: Pump Station
Dates: July 2015 – August 2017

Redding Layton Lift Station

Role: Designer & Project Manager
Client: Bullert Electrical
Application: Lift Station
Dates: April 2016 – July 2017

Joseph Martell, Software Engineering Manager

Expertise:

- PLC Programming
- SCADA/HMI Programming & Design
- Database Design & SQL
- Electrical Troubleshooting
- Panel Design

Experience Summary:

Mr. Martell has 20+ years in the Industrial Automation industry with 10 years focused on the water/ wastewater industry. Mr. Martell joined MCC in 2011 and moved to PRIMEX as part of the acquisition in 2015. Mr. Martell has a great deal of experience with SCADA and PLC applications and has applied these skills on large and complex water/wastewater treatment processes.

Credentials:

C10 Electrical Contractors License

Rockwell Automation: SI-CCA176: PowerFlex Low Voltage AC Drive Startup for Water/Wastewater Applications

Certified Profibus Engineer

Key Projects:

City of Lathrop Consolidated Treatment Facility Phase 2 Expansion

Role: Lead Software Engineer
Client: City of Lathrop
Application: Wastewater Treatment Plant SCADA Expansion
Dates: June 2018 – December 2019

Viavi Solutions GWTP Tower Level Controls

Role: Lead Software Engineer
Client: Viavi Solutions
Application: Ground Water Remediation
Dates: March 2018 – January 2019

City of Lathrop Flying J Wastewater Lift Station

Role: Lead Software Engineer
Client: City of Lathrop
Application: Wastewater Lift Station
Dates: September 2017 – January 2019

West Hills Water Treatment Plant

Role: Lead Software Engineer
Client: San Benito County Water District
Application: Potable Water Treatment Plant
Dates: October 2016 – September 2018

Max Hanson, Senior Software Engineer

Expertise:

- Electrical & Control Systems Design
- PLC Programming
- Operator Interface Programming
- SCADA System Programming

Experience Summary:

Mr. Hanson has 20+ years of experience in the design, construction, startup, and operation of industrial control systems. Mr. Hanson has been employed with PRIMEX (previously MCC Control Systems) since 1996 as a Senior Software Engineer. Prior to joining PRIMEX, Mr. Hanson spent time with the consulting engineering firm EA Engineering, Sciences and Technology, and with Osmonics/Vaponics – a water purification systems OEM. Mr. Hanson has extensive experience in water treatment, ranging from ultra-pure water for semiconductor and pharmaceutical production to municipal water and wastewater treatment to groundwater remediation systems.

Credentials:

B.A. Engineering Sciences, Dartmouth College

B.E. Mechanical Engineering, Thayer School, Dartmouth College

Registered P.E. in Control Systems, State of California

Key Projects:

Hypochlorite System Upgrades and Temporary Facilities

Roles: PLC, OIT and SCADA Software Engineer, Project Manager
Client: South San Francisco WWTP
Application: Temporary PLC panel, new permanent PLC, SCADA modifications
Dates: 2019-2020

SCADA Upgrade Project

Role: Software Engineer
Client: San Juan Water District
Application: System-wide Wonderware v2017 U3 SCADA upgrades and architecture changes
Date: 2019

SCADA Upgrade Project

Roles: Software Engineer, Project Manager
Client: South San Francisco WWTP
Application: Replacement of SCADA hardware with new virtualized redundant system; upgrade to Wonderware v2017
Date: 2018

Wyatt Murray, Software Engineer

Expertise:

- PLC Programming
- Operator Interface Programming
- SCADA System Programming

Experience Summary:
Mr. Murray has 30 years of experience in the design, construction, start-up, and operation of industrial control systems spanning a broad range of industries. This experience includes SCADA, PLCs and process operation knowledge. Mr. Murray has a great deal of experience with industrial systems not only from the SCADA and PLC perspective, but also an extensive knowledge of hardware and process operation.

Credentials:
ISA Certified Control System Technician
Level 3 #12723

System Platform, Intouch, Historian, and Dream Report

Microsoft SQL Server 2000 Administration

Key Projects:

Lathrop Phase 2 WRP Expansion
Role: Software Engineer
Client: City of Lathrop, CA
Application: Waste Water Treatment Facility
Dates: May 2017 – November 2019

South Lathrop Commerce Center SWPS
Role: Software Engineer
Client: City of Lathrop, CA
Application: Storm Water Pump Station
Dates: December 2018 – November 2019

South Lathrop Commerce Center WWPS
Role: Software Engineer
Client: City of Lathrop, CA
Application: Waste Water Pump Station
Dates: November 2018 – September 2019

Lathrop CLSP Recycled Water Basin and PS
Role: Software Engineer
Client: City of Lathrop, CA
Application: Recycled Water Pump Station
Dates: August 2018 – June 2019

Lodi White Slough Pond WPCF Improvements
Role: Software Engineer
Client: Bockmon & Woody Electric
Application: Wastewater Storage Pond Pump Station
Dates: December 2018 – January 2019

Kyle Venarchick, Software Engineer

Expertise:

- OIT Software
- SCADA Software
- PLC Software
- Project Management

Experience Summary:

Mr. Venarchick is currently a Software Engineer with PRIMEX with 6+ of experience in manufacturing, water, and wastewater PLC, OIT and, SCADA programming. Mr. Venarchick's projects have dealt with troubleshooting, upgrading existing, and creating new control systems to meet the customer's expectations. These projects have ranged from small pump stations to large wastewater treatment processes.

Credentials:

B.S. Mechanical Engineering, Georgia Institute of Technology

Ignition 7.9 Core Certified – Inductive Automation

Device Level Ring Configuration & Troubleshooting – Rockwell Automation

Key Projects:

Layton Lift Station - Redding
Roles: Lead OIT & PLC Programmer
Client: Bullert Industrial Electric, Inc.
Application: Lift Station
Dates: September 2016 – June 2017

Luther Pass Pump Station – South Lake Tahoe
Roles: SCADA & Lead PLC Programmer
Client: San Joaquin Electric, Inc.
Application: Pump Station
Dates: August 2015 – October 2017

Mule Creek Prison Booster Pump Station - Ione
Roles: Lead OIT & PLC Programmer
Client: Conco West, Inc.
Application: Water Treatment & Storage
Dates: March 2015 – June 2016

Michael David Winery - Lodi
Roles: Lead OIT & PLC Programmer
Client: Fidel Electric, Inc.
Application: Washwater Pump Station
Dates: 2016

Rogers Road Pump Station - Patterson
Roles: Lead OIT & PLC Programmer
Client: Industrial Electrical Company
Application: Pump Station
Dates: 2015

Michael Anderson – Associate Software Engineer

Expertise:

- SCADA System Programming
- PLC System Programming
- Graphics Design
- Commissioning

Experience Summary:

Mr. Anderson has been employed with PRIMEX as a Systems Software Programmer since 2012. Prior to joining PRIMEX, Mr. Anderson spent 16 years working at consulting engineering firms. In his current role, Mr. Anderson is responsible for developing and programming SCADA systems, bench testing with PLC programs, and implementation, startup, and commissioning at client locations. Both as a consultant and a programmer Mr. Anderson has provided a solid foundation for providing high quality control systems and unsurpassed customer service.

Credentials:

A.S. Computer Aided Drafting/Design,
ITT Technical Institute

Wonderware InTouch 11.1 Certification

Key Projects:

Lathrop Phase 2 WRP Expansion
Role: Associate Software Engineer
Client: City of Lathrop, CA
Application: Wastewater Treatment Facility
Dates: May 2017 - November 2019

South Lathrop Commerce Center SWPS
Role: Associate Software Engineer
Client: City of Lathrop, CA
Application: Storm Water Pump Station
Dates: December 2018 - November 2019

South Lathrop Commerce Center WWPS
Role: Associate Software Engineer
Client: City of Lathrop, CA
Application: Wastewater Pump Station
Dates: November 2018 - September 2019

River Islands 2A WWPS
Role: Associate Software Engineer
Client: City of Lathrop, CA
Application: Wastewater Pump Station
Dates: February 2019 - July 2019

Lathrop CLSP Recycled Water Basin and PS
Role: Associate Software Engineer
Client: City of Lathrop, CA
Application: Recycled Water Pump Station
Dates: August 2018 - June 2019

Spec Section 16010, Page 16010-9 Item 1.10, G Electrical Sub Affidavit

Blocka Construction Inc.
General Engineering Contractors
Industrial Mechanical & Electrical Construction

445 Boulder Ct,
Pleasanton, CA 94566
Tel: (510) 657-3686
Fax: (510) 657-3688
E-mail: info@blockainc.com
CA License No. 679326

March 25, 2021

Santa Clara Valley Water District
Capital Program Services
5750 Almaden Expressway
San Jose, CA 95118

RE: Anderson Dam Tunnel Project – Contract No. C0663

AFFIDAVIT OF ELECTRICAL SUBCONTRACTOR

I, **Patricia Jean Blocka**, as **CFO/COO** of **Blocka Construction, Inc**. hereby declare that **Blocka Construction, Inc**., has both the technical knowledge and the financial capability to furnish and install all electrical equipment specified in Division 16 and shown on the electrical drawings for the **Anderson Dam Tunnel Project, Contract No C0663**, bidding on March 30, 2021.

I declare, under penalty of perjury, that the foregoing is true and correct, and that this declaration was executed at: Pleasanton, State of California, on March 26, 2021.

Signature

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California, County of Alameda

Subscribed and sworn to (or affirmed) before me on this 25th day of March, 2021 by Patricia J. Blocka

proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature:

MARIA J. DIAZ
COMM. #2229379
Notary Public - California
Alameda County
My Comm. Expires Feb. 22, 2022