



**TASK
AUTHORIZATION**



2024-25 Grade 5 RAA Line Replacement Project - Phase I

Date: May 29, 2024

**Activity Classification
(Check applicable)**

Administration	<input type="checkbox"/>
Engineering	<input type="checkbox"/>
Planning	<input type="checkbox"/>
Design	<input checked="" type="checkbox"/>
Construction	<input checked="" type="checkbox"/>
Construction	<input type="checkbox"/>
Sanitary Sewer	<input checked="" type="checkbox"/>
Storm Sewer	<input type="checkbox"/>
Sanitary P.S.	<input type="checkbox"/>
Storm P.S.	<input type="checkbox"/>
Wastewater	<input type="checkbox"/>
Other (specify below)	<input type="checkbox"/>

VWNA Project #: TBD

Proposed by: Morgan Mackay
Morgan Mackay, Veolia Water West Operating Services

Reviewed by: Rodrigo Vignau
Rodrigo Vignau, Veolia Water West Operating Services

Reviewed by: _____
Mary Phelps, Water Resource Division Manager

Reviewed by: _____
City of Richmond, Finance Department - Funding Source

Approved by: _____
Daniel Chavarria
City of Richmond, Director of Public Works

Approval Date: _____

Original Line Item Approved Cost:	\$ 1,755,800.00
Approved Markup/Margin	\$ 289,707.00
Total Authorized Amt.:	\$ 2,045,507.00

Previously Authorized Amount: \$0.00

Scope of Services

The 2023-24 Grade 5 RAA Replacement Project - Phase I replaces (24) pipelines with an approximate combined length of 7,191 lineal feet. This task authorization is submitted based on direction provided by the City of Richmond to perform the following full line replacements:

The pipe segments to be rehabilitated for this project are identified in Scope of Work Attachment A (see attached). The work will include replacement of deteriorated sewer pipe segments within the collection system using pipe bursting or open cut as discussed further below, including installing new manholes where indicated on Attachment A. For pipe replacement work, pipe bursting is the preferred method followed by open cut. The Contractor shall conduct a pre-CCTV to locate and reinstate laterals. A complete NASSCO graded post-construction CCTV survey of the entire line segment (manhole to manhole) shall be completed upon completion of the work (no later than one month after the repair or replacement) and provided to Veolia.

This project was competitively bid to be performed on a "design-build" basis, and the Contractor is responsible for engaging the services of an engineering firm to issue design drawings for lines with utility conflicts and other constructability issues and also issue the final as-built drawings. Hence, per the City's direction, no engineered drawings were provided for this pipe replacement project. T&M not to exceed fees are included for compaction testing services as well as engineering support services in this proposal. All services provided for design support by V. W. Housen & Associates and for compaction testing services by Questa Engineering shall be tracked by Veolia and billed to the City with associated markups. All unused funds and associated Veolia markup shall return to the City.

On March 20, 2024, the City posted the Request for Bids on Bids Online, and Veolia conducted a mandatory pre-bid meeting with ten (10) participants on April 3, 2024. On April 16, 2024, five (5) bids were received from qualified contractors; the apparent low bid received was from APB General Engineering in the amount of \$1,690,800.00. Veolia evaluated all of the bids and found them to be responsive and complete and recommend awarding the contract to APB General Engineering, who is the low bidder. Their bid is attached.

The total authorization amount of this TA is \$2,045,507.00, which includes Veolia's 16.5% markup as well as NTE estimated design and testing amounts for V.W. Housen & Associates and Questa Engineering, respectively.

2023-24 Grade 5 RAA Line Repl. - Phase I	Bids/Estim.	SUBTOTAL	Veolia Markup 16.50%	TOTAL
APB General Engineering	1,690,800	1,690,800	278,982	1,969,782
V.W. Housen & Associates - design support (estim.)	40,000	40,000	6,600	46,600
Questa Engineering- testing	25,000	25,000	4,125	29,125
TOTAL	1,755,800	1,755,800	289,707	2,045,507

Attachments

- Copy of APB General Engineering's bid
- Scope of Work Attachment A copy
- Testing proposal - Questa Engineering

BID RETURNABLES

INVITATION TO BID
2023-24 GRADE 5 RAA LINE REPLACEMENT PROJECTS
LOCATED IN RICHMOND, CA

Contractor must submit using the BidsOnline portal their quotations of the following by 11:00 am on the proposal due date: April 16, 2024.

Addressed to:

City Clerk's Office
450 Civic Center
Richmond, CA 94804
Veolia Water West Operating Services, Inc.
2023-24 Grade 5 RAA Line Replacement Project

Bidding Company Name: APB General Engineering

Date: 04/16/2024

1. Proposal Form
2. Bid Form
3. List of Subcontractors
4. Non-Collusion Affidavit
5. Supplemental Bid Form
6. Contractor Safety Plan – Table of Contents
7. Propose alternates with supporting documentation. Please note: Any and all changes in material and equipment must be equivalent to what is specified and shall be approved by Veolia in writing 10 days prior to the bid due date.
8. Sample Insurance Certificate
9. Richmond Workforce Stabilization Agreement – Agreement to be Bound
10. Bid Bond

Exclusion of any required information may be cause for bid rejection.

PROPOSAL FORM

INVITATION TO BID
2023-24 GRADE 5 RAA LINE REPLACEMENT PROJECT
LOCATED IN RICHMOND, CA

To: City of Richmond City Clerk's Office
450 Civic Center
Richmond, CA 94804
Veolia Water West Operating Services, Inc.
2023-24 Grade 5 RAA Line Replacement Project

Submitted By:

Alfred Lee (APB General Engineering)

(Legal Name)

2721 Kevin Rd.

(Street Address)

San Pablo, CA 94806

(City, State, and Zip Code)

925.989.1453

(Phone)

04/16/2024

(Date of Quotation)

1. This Proposal Form along with the Supplemental Bid Form shall be completed and submitted as required in the Returnable section of this Invitation to Bid.
2. This proposal is submitted in accordance with this Invitation to Bid for the construction of the 2023-24 Grade 5 RAA Line Replacement Project in Richmond, CA.
3. Shipping Cost and Sales Tax – The equipment, chemicals, consumables and other supplies and services provided and used in the performance of the contract shall include all shipping costs and sales taxes imposed by any governmental body.
4. Certified payroll and prevailing wages are required as a part of this project and shall be submitted with all progress payments that are due each month.
5. In conformance with the current statutory requirements of California Labor Code Section 1860, et seq., the undersigned confirms the following as its certification:

I am aware of the provisions of Section 3700 of the Labor Code, which require every employer to be insured against liability for worker's compensation, or to undertake self-insurance in accordance with the provisions, before commencing the performance of the Work of this Contract.

6. Notice to Proceed

A Notice to Proceed will not be issued until Authorization is received from the City of Richmond. Contractor shall commence performance of the work only upon the full execution of the Subcontract Agreement with Veolia Water West Operating Services, Inc. Upon receipt of executed contract and a written Notice to Proceed (NTP), the Contractor shall promptly commence Work, shall prosecute the Work diligently and shall complete all Work within the agreed upon schedule duration.

7. For the purposes of the proposal, the Contract Documents and scope of work shall include all documents and information included as part of this Invitation to Bid, including any and all attachments or referenced documents.

8. Addenda

The Bidder hereby acknowledges and initials receipt of the following issues of addenda, if any, distributed by Veolia Water West Operating Services, Inc. via the City of Richmond's BidsOnline website.

Addendum No.:	<u>1</u>	Dated	<u>04/16/2024</u>	Initialed Receipt	<u>al</u>
Addendum No.:	_____	Dated	_____	Initialed Receipt	_____
Addendum No.:	_____	Dated	_____	Initialed Receipt	_____
Addendum No.:	_____	Dated	_____	Initialed Receipt	_____
Addendum No.:	_____	Dated	_____	Initialed Receipt	_____
Addendum No.:	_____	Dated	_____	Initialed Receipt	_____
Addendum No.:	_____	Dated	_____	Initialed Receipt	_____
Addendum No.:	_____	Dated	_____	Initialed Receipt	_____

If any additional addendum were issued, note on a separate sheet.

9. Signatures of Proposal

(If an individual, partnership, or non-incorporated organization)

Signature: Alfred Lee
 (Seal)
 Printed Name: Alfred Lee
 Title: President

Address of Bidder: 2721 Kevin Rd.
San Pablo, CA 94806

Names and addresses of members of firm:

Alfred Lee - President - 220 Virginia Hills Dr. Martinez, CA 94553
Jesus Villalobos - Secretary Treasurer - 2721 Kevin Rd. San Pablo, 94806

(If a Corporation)

Legal name of Bidder: APB General Engineering

By:  _____

Printed name: Alfred Lee

Title of signer: President

Business Address: 2721 Kevin Rd.
San Pablo, CA 94806

Incorporated under the Laws of the State of: California

Names of Officers –

President Alfred Lee
Address 220 Virginia Hills Dr. Martinez, CA 94553

Secretary Jesus Villalobos
Address 2721 Kevin Rd. San Pablo, CA 94806

Treasurer Jesus Villalobos
Address 2721 Kevin Rd. San Pablo, CA 94806

SCOPE OF WORK

Veolia Water West Operating Services, Inc. operates and maintains the City of Richmond's Wastewater Treatment Facility (WWTF) and the associated sewer collection system. The work will include pipe segment replacement of deteriorated sewer pipe segments within the collection system using pipe bursting, open cut, or pipe reaming as discussed further below. The work shall include manhole installation and/or replacement and/or full interior surface (e.g. chimney, cone, wall, bench, and channel) rehabilitation when the adjacent pipeline is replaced, and manhole frames and covers as necessary. For pipe replacement work, pipe bursting is the preferred method, followed by open cut and then pipe reaming.

The pipe segments to be replaced for this project are identified in Scope of Work Attachment A. The line segments identified may be modified from time-to-time during the project. The selected Contractor shall conduct a pre-CCTV of each line segment to the greatest extent possible to mark and locate the defects prior to commencement of the Work. A complete NASSCO graded post-construction CCTV survey of the entire line segment (manhole to manhole) shall be completed upon completion of the work (no later than one week after the repair or replacement) and provided to Veolia. If following the repair, the line remains inaccessible, the contractor shall provide a supplemental repair cost proposal with the CCTV video for consideration.

The project scope includes, but is not limited to the following:

1. Contracting with a local Civil Professional Engineer to provide review and approval of each line segment installation, and preliminary engineering and design for the lines which have utility conflicts, or other constructability issues. The Engineer of Record shall submit an initial plan showing the lines that will receive preliminary engineering for review and concurrence, followed by 30 percent design drawings clearly showing all conflicting utilities, structures, and other field constraints and the contractor's approach to addressing these constraints as needed to complete the work. The contractor shall be responsible for addressing all field conditions, whether included or not included in the 30 percent design package, and whether shown or not shown on the submitted design. The initial plan and the 30 percent designs shall be approved in concept by the Owner. Separate designs may be provided for individual line segments in order to expedite the work.
2. Submit final as-built drawings and any intermediate design and modifications for all pipelines, including those that did not receive 30 percent design, to the Owner for approval.
3. Contractor shall provide a construction project schedule, including weekly schedules with crew information and locations as reasonably required by Veolia.
4. Contractor shall provide bi-weekly updates for progress of pipe replacement/repair work
5. Sheeting, shoring and bracing.
6. Trenching width shall be (Pipe OD + 24" MIN) or (Pipe OD + 36" MAX).
7. Potholing existing utilities based on mandatory USA markings.
8. All USA markings shall be removed from the pavement after work is complete.
9. Traffic control, as necessary per City of Richmond requirements.
10. Pipe replacement by pipe bursting, unless inadvisable or infeasible with authorization by Veolia and the City of Richmond.
11. Open Cut techniques permitted only if pipe bursting is not feasible and with authorization by Veolia and the City of Richmond.
12. Reconnection and/or extension of existing service laterals to new sewer main, as necessary.
13. Extending sewer laterals from the closest point of abandoned sewer mains to new sewer mains. Open cut or hand-digging may be required.
14. Removal of existing manholes or cleanouts and construction of new manholes, complete, as needed.

15. Rehabilitation of Manholes whenever the adjacent pipeline is replaced, per attached specifications. Vacuum testing of rehabilitated brick manholes is not required.
16. Post Construction cleaning of sewer pipe line segments that were replaced.
17. Post replacement NASSCO graded CCTV of the entire line segment.
18. Post construction NASSCO graded CCTV information shall be submitted no later than one week following the line segment replacement.
19. Restoration and repair of existing pavement systems shall be T-cut, and the Contractor shall be responsible for restoring surface improvements affected by the Work and incidentals for complete and usable sewer system.
20. If the Contractor encounters defective private sewer lateral connecting to the mainline, the Contractor shall replace up to 6 feet of the private sewer lateral from the mainline.
21. Replace striping with thermoplastic, traffic loops, and fire hydrant markers.
22. Handling and disposal of contaminated material if authorized by the Project Manager and the City of Richmond.
23. Dewatering and obtain appropriate permits, as necessary.
24. Construction shall be Monday thru Friday from 7am to 4pm. Contractor's request for weekend, off-hours and holiday work may be considered on a case-by-case basis by Veolia Project Manager.

Except as Specifically Noted Otherwise, Provide and Pay For:

1. Insurance and bonds.
2. Labor, materials, and equipment.
3. Tools, equipment, and machinery required for construction.
4. Utilities required for construction.
5. Temporary facilities including: traffic control: dewatering; sheeting, shoring, and bracing; bypass pumping; worker sanitary facilities, trench plates, and dust control measures.
6. Other facilities and services necessary for proper execution and completion of the Work.
7. Engaging local Professional Engineer to review and approve each line segment installation, provide preliminary design services, oversight and support to the Contractor for engineering and design of the lines which have utility conflicts, or other constructability issues. This engineer shall prepare the initial plan, 30% drawings, final as-built drawings and all other intermediate design and modifications to the Owner for approval.

Base Bid Lump Sum (from Scope of Work Attachment A) for \$ 1,690,800 (in numbers)

One Million Six Hundred Ninty Thousand Eight HUndred Dollars (in words)

SUPPLEMENTAL BID FORM
(to be utilized if there is work added to or deleted from this project)

Item	Description	Unit (Per)	Qty	Unit Bid Price	Total Bid Price
1	Sheeting, Shoring, and Bracing	LS	1	\$ 3,000	\$3,000
2	OPEN CUT: 6"-8" Pipe replacement with PVC, up to 6' of mainline and up to 6' depth	FT	800	\$ 325	\$260,000
3	OPEN CUT: 6"-8" Pipe replacement with PVC, and greater than 6' depth	FT	800	\$ 350	\$280,000
4	OPEN CUT: 10"-12" Pipe replacement with PVC, up to 6' depth	FT	800	\$ 370	\$296,000
5	OPEN CUT: 10"-12" Pipe replacement with PVC, greater than 6' depth	FT	800	\$ 420	\$336,000
6	Tie-in Lateral to Main (fusing - 6x6x4 Wye)	EA	60	\$ 2,500	\$150,000
7	Lateral replacement exceeding 4' (including 6x6x4 Wye)	FT	60	\$ 200	\$12,000
8	Pipe Bursting for 6"-8" Pipe Diameter and up to 6' depth	LF	800	\$ 200	\$160,000
9	Pipe Bursting for 6"-8" Pipe Diameter and greater than 6' depth	LF	800	\$ 225	\$180,000
10	Pipe Bursting for 10"-12" Pipe Diameter and up to 6' depth	LF	800	\$250	\$200,000
11	Pipe Bursting for 10"-12" Pipe Diameter and greater than 6' depth	LF	800	\$270	\$216,000
12	Replacement of Cleanout with new Manhole	EA	21	\$ 7,500	\$157,500
13	Complete Interior Surface Manhole Rehabilitation exceeding 6' per foot	Vertical Foot	50	\$ 475	\$23,750
14	Repair & Replace Manhole Frame and Cover	EA	10	\$1,800	\$18,000
15	Post Construction Cleaning and CCTV of entire line from Manhole-to-Manhole line segment replaced or repaired	LF	850	\$5	\$4,250
16	Pavement restoration with 6" minimum T-Cut on each side of the trench and/or excavated wall	SF	12000	\$15	\$180,000
17	Handling and Disposal of Contaminated Material-As directed by the Construction Manager after City of Richmond approval	Cubic Yard	10	\$1,000	\$10,000
18	Mobilization/Demobilization Allowance	LS	1	\$3,000	\$3,000
19	Provide and install new Manhole up to 8ft deep	EA	1	\$ 9,600	\$9,600
20	Provide and install new Manhole 8ft to 14ft deep	EA	1	\$15,000	\$15,000

A. Bidder's Lump Sum Cost Breakdown

1. For work to be performed for a lump sum price, the Bidder shall submit a price

breakdown to the Construction Administrator prior to the first payment and within ten (10) calendar days after Notice to Proceed. The price breakdown, as revised and agreed upon by the Bidder and the Construction Administrator, shall be used for preparing future estimates for progress payments to the Bidder, or as the basis for evaluating and pricing change orders, and shall list the major items of work with a price fairly apportioned to each item.

2. The price breakdown shall be, generally, in the same format as the Contract specifications' divisions and subdivisions, with major items of work listed individually. The price breakdown shall be by sewer pipeline items and shall include separate items for identifiable portions of the sewer pipeline system (including specific prices for different size items within the system), and other logical divisions of work. Measurable approximate quantities of work performed by the Bidder or its subcontractors shall be provided. For quantities that are the sum total of several individual quantities, backup summaries shall be provided which list the individual descriptions and quantities (for instance; excavation, dewatering, pipe installation, backfill, paving, etc.). These summaries then will be used 1) to determine the quantities of work in place in subsequent progress payment requests and 2) as the basis for evaluating and pricing change orders.
3. The above is a statement of the intent of the Contract Documents to provide a moderate level of detail, acceptable to the Project Manager, to allow a fair and reasonable estimate to be made of the value of work installed. The detail of the price breakdown must be sufficient to provide timely processing of the monthly progress payment request.
4. The price breakdown will be subject to the approval of the Project Manager, and upon the request, the Bidder shall substantiate the price for any or all items and provide additional level of detail, including quantities of work and supplier's and subcontractor's written cost quotes. The price breakdown shall be sufficiently detailed to permit its use by the Project Manager as 1) one of the bases for evaluating requests for payments and 2) as the basis for evaluating and pricing change orders. The Project Manager shall be the sole judge of the adequacy of the price breakdown.
5. The estimated Bid Quantities shown, with the exception of Lump Sum quantities which will be paid as bid, are provided for the sole purpose of evaluating bids. The nature of the work is such that pipe size, depth, length, repair scope, and other quantities shown are approximate, and payment will be made based on the unit price bid for the actual conditions that are found in the field. Veolia Water does not provide any assurance that the quantities shown for each bid item will be the quantities that are actually encountered in the field.

LIST OF SUBCONTRACTORS

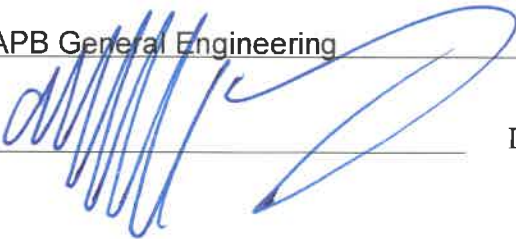
The Bidder shall list below the names and location of place of business of each subcontractor who will perform work or labor or who will render service to the Prime Contractor in or about the construction of the Work or improvement, or a subcontractor duly licensed who, under subcontract to the Prime Contractor, specially fabricates and installs a portion of the Work or improvement according to detailed drawings contained in the Contract Documents, in an amount in excess of one-half of one percent of the Prime Contractor's total Bid or, in the case of Bids or offers for the construction of streets or highways, including bridges, in excess of one-half of one percent of the Prime Contractor's total Bid or \$10,000, whichever is greater. After the opening of 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 as non-responsive and may cause its rejection.

Special Note: The Prime Contractor shall perform not less than 50% of the Work identified in this Bid. In the event a Bidder lists subcontractors who will perform Work under this Bid in excess of 50% of the Work identified in this Bid, the Bid shall be considered non-responsive.

Bidders shall list the total % of Work to be performed by the Prime Contractor here: 100%
(Shall not be less than 50%)

Work to be Performed	Contractor License Number	Percent of Total Contract	Subcontractor's Name, Address, and Contact Person
1.			
2.			
3.			
4.			
5.			

BIDDER: APB General Engineering

Signature 

Date 04/16/2024

NON-COLLUSION AFFIDAVIT
(To be executed by Bidder and submitted with Bid)

STATE OF CALIFORNIA) ss.
COUNTY OF)

In accordance with Public Contract Code section 7106, (Name) **Alfred Lee**, being first duly sworn, deposes and says that he/she is (Title) **President** of (Company) **APB General Engineering**, the party making the foregoing bid, that the bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation; that the bid is genuine and not collusive or sham; that 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, and 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 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 City of Richmond, a municipal corporation, or anyone interested in the proposed contract; that all statements contained in the bid are true; and further, that Bidder has not, directly or indirectly, submitted its 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.

Executed under penalty of perjury under the laws of the State of California:

Corporate Seal:

Name of firm APB General Engineering

Signature 

Date 04/16/2024

NOTE: If Bidder is a partnership or a joint venture, this affidavit must be signed and sworn to by every member of the partnership or venture.

If Bidder [including any partner or venturer of a partnership or joint venture bidder] is a corporation, this affidavit must be signed by the Chairman, President or Vice President and by the Secretary, Assistant Secretary, Chief Financial Officer or Assistant Treasurer.

If Bidder's affidavit on this form is made outside the State of California, the official position of the person taking such affidavit shall be certified according to law.

Subscribed and sworn to this 16th day of April 2024.

NOTARY PUBLIC

See Attached Certificate



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 CONTRA COSTA

Subscribed and sworn to (or affirmed) before me on this 16TH
day of APRIL, 2024, by ALFREDO
LEE

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



(Seal)

Signature

A handwritten signature in cursive script, appearing to read "Alfredo Lee", written over a horizontal line.

NON-COLLUSION AFFIDAVIT

Addendum A

AGREEMENT TO BE BOUND

[Date] 04/16/2024
[Addressee] APB General Engineering
[Address] 2721 Kevin Rd. San Pablo, CA 94806

Re: City of Richmond Project Stabilization Agreement -- Agreement to be Bound

Dear Mr./Ms. _____:

The undersigned confirms that it agrees to be a party to and bound by the City of Richmond Project Stabilization Agreement as such Agreement may, from time to time, be amended by the parties or interpreted pursuant to its terms.

By executing this Agreement to be Bound, the undersigned subscribes to, adopts and agrees to be bound by the written terms of the legally established trust agreements as set forth in Section 9.1, as they may from time to time be amended, specifying the detailed basis upon which contributions are to be made into, and benefits made out of, such trust funds, and ratifies and accepts the trustees appointed by the parties to such trust funds. The undersigned agrees to execute a separate Subscription Agreement(s) for such trust funds when such trust fund(s) require(s) such document(s).

The obligation to be a party to and bound by this Agreement shall extend to all work covered by the City of Richmond Project Stabilization Agreement undertaken by the undersigned. The undersigned shall require all of its subcontractors, of whatever tier, to become similarly bound for all their work within the scope of this Agreement by signing an identical Agreement to be Bound.

This letter shall constitute a subscription agreement, to the extent of the terms of the letter.

CONTRACTOR/SUBCONTRACTOR: APB General Engineering

California Contractor State License No. or Motor Carrier (CA) Permit No.: 1038184

Name of Authorized Person (print): Alfred Lee

Signature of Authorized Person: _____

Title of Authorized Person: President

Telephone Number of Authorized Person: 925.989.1453

Address of Authorized Person: 220 Virginia Hills Dr. Martinez, CA 94553

State Public Works Registration Number: 1000058019

132625\977269



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

4/16/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER		CONTACT NAME: Certificate Department	
Calrisk Insurance Center		PHONE (A/C, No, Ext): 877-239-8103	FAX (A/C, No): 626-226-5550
713 W Duarte Rd, G747		E-MAIL ADDRESS: mail@calriskcenter.com	
Arcadia CA 91007		INSURER(S) AFFORDING COVERAGE	
		INSURER A : Evanstan Insurance Company	NAIC # 35378
		INSURER B : United Financial Cas Co	11770
		INSURER C : State Compensation Insurance Fund	35076
		INSURER D :	
		INSURER E :	
		INSURER F :	
INSURED			
APB General Engineering			
2721 Kevin Road			
San Pablo CA 94806			

COVERAGES**CERTIFICATE NUMBER:****REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.


INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER:	Y	Y	MKLV5PBC006365	1/8/2024	1/8/2025	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 5,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS	Y	Y	07580845-5	5/2/2023	5/2/2024	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 2,500	Y	Y	MKLV5EUL105503	1/8/2024	1/8/2025	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	9232354-23	5/30/2023	5/30/2024	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	Pollution Liability	Y	Y	CPLMOL119760	10/10/2023	10/10/2024	Each Poll. Incident/Agg \$1,000,000/1,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Project:
City of Richmond 2023-24 Grade 5 RAA Line Replacement Project.

See Attached Acord 101 for Description and Additioanal Insured.

CERTIFICATE HOLDER**CANCELLATION**

Veolia North America 601 Canal Blvd. Richmond CA 94804	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE 
--	--

© 1988-2014 ACORD CORPORATION. All rights reserved.

AGENCY CUSTOMER ID: _____

LOC #: _____



ADDITIONAL REMARKS SCHEDULE

Page 2 of 3

AGENCY Calrisk Insurance Center		NAMED INSURED APB General Engineering 2721 Kevin Road San Pablo, CA, 94806	
POLICY NUMBER 07580845-5		EFFECTIVE DATE: 5/2/2023	
CARRIER United Financial Cas Co	NAIC CODE 11770		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,

FORM NUMBER: 25 **FORM TITLE:** CERTIFICATE OF LIABILITY INSURANCE

Veolia, its parent companies, subsidiaries, affiliates, and each of their officers, directors, employees, agents, representatives and City of Richmond, (collectively "Veolia's Additional Insured") are named as additional insureds with respect to the General -, Automobile -, Pollution - and Excess Liability Policies.

All policies are primary and non-contributory, provide a full waiver of the insurer's right of subrogation in favor of the named additional insureds. A thirty (30) days' written notice to Veolia applies.

BID BOND

KNOW ALL PERSONS BY THESE PRESENTS,

That APB General Engineering as Principal, and
The Ohio Casualty Insurance Company as Surety,

are held and firmly bound unto Veolia Water West Operating Services, Inc., hereinafter called "Veolia" in the sum of:
Ten Percent of Total Amount Bid (\$10% TAB) dollars

(not less than 10 percent of the total amount of the bid)

for the payment of which sum, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors, and assigns, jointly and severally, firmly by these presents.

WHEREAS, said Principal has submitted a Bid to Veolia Water West Operating Services, Inc. to perform the Work required under the Bid Schedule(s) of the Veolia's Contract Documents entitled:

2023-24 Grade 5 RAA Line Replacement Project

NOW THEREFORE, if said Principal is awarded a Contract by Veolia Water West Operating Services, Inc., and within the time and in the manner required in the "Notice Inviting Bids" and the "Instructions to Bidders" enters into a written Agreement on the Form of Agreement bound with said Contract Documents, furnishes the required Certificates of Insurance, and furnishes the required Performance Bond and Payment Bond, then this obligation shall be null and void, otherwise it shall remain in full force and effect. In the event suit is brought upon this Bond by Veolia, and Veolia prevails, said Surety shall pay all costs incurred by Veolia in such suit, including a reasonable attorney's fee to be fixed by the court.

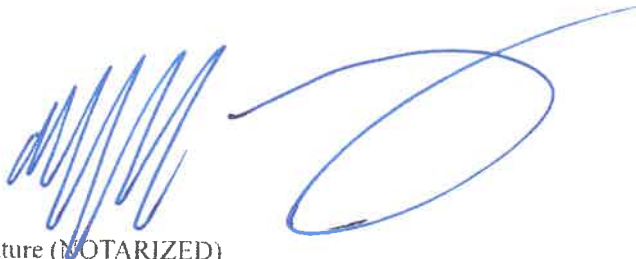
SIGNED AND SEALED, this 15th day of, April 2024 .

PRINCIPAL: APB General Engineering

Check one: Individual, Partnership, Corporation

(Corporations require two signatures; one from each of the following groups: A. Chairman of Board, President, or any Vice President; AND B. Secretary, Assistant Secretary, Treasurer, Assistant Treasurer, or Chief Financial Officer).

By



Signature (NOTARIZED)

Print Name and Title:

Alfred Lee - President

By

See Attached Certificate

DL

Signature (NOTARIZED)

Print Name and Title:

Jesus Villalobos - Secretary Treasurer

SURETY: The Ohio Casualty Insurance Company

By



Signature (NOTARIZED)

Print Name and Title: Kevin Kirk, Attorney in Fact

CALIFORNIA ALL-PURPOSE ACKNOWLEDGEMENT

Civil Code § 1189

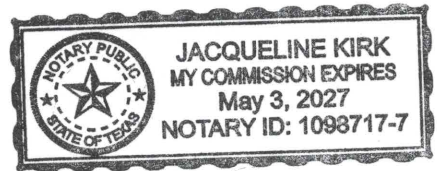
A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy or validity of that document.

State of Texas
County of Harris }

On 4/15/2024 before me, Jacqueline Kirk, Notary Public

personally appeared Kevin Kirk, Attorney in Fact

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 Jacqueline Kirk
Notary Public Signature

Place Notary Public Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to the persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

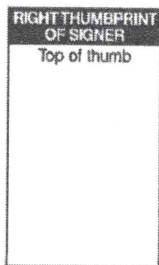
Description of Attached Document

Title or Type of Document _____

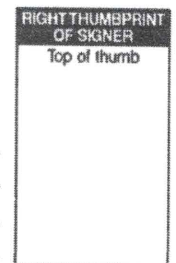
Document Date _____ Number of Pages: _____

Signer's Name: _____

- Individual
 - Corporate Officer – Title(s): _____
 - Partner - Limited General
 - Guardian or Conservator
 - Attorney-in-Fact
 - Trustee
 - Other: _____
- Signer is representing _____
- _____
- _____



- Individual
 - Corporate Officer – Title(s): _____
 - Partner - Limited General
 - Guardian or Conservator
 - Attorney-in-Fact
 - Trustee
 - Other: _____
- Signer is representing _____
- _____
- _____





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 Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8206269-986080

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, Kevin Kirk; William O'Neill

all of the city of Cypress state of TX 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 10th day of September, 2021.



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

By: David M. Carey
David M. Carey, Assistant Secretary

State of PENNSYLVANIA ss
County of MONTGOMERY

On this 10th day of September, 2021 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.



Commonwealth of Pennsylvania - Notary Seal
Teresa Pastella, Notary Public
Montgomery County
My commission expires March 28, 2025
Commission number 1126044
Member, Pennsylvania Association of Notaries

By: Teresa Pastella
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 15th day of April, 2024.



By: Renee C. Llewellyn
Renee C. Llewellyn, Assistant Secretary

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

For bond and/or Power of Attorney (POA) verification inquiries, please call 610-832-8240 or email HOSUR@libertymutual.com.

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 CONTRA COSTA)

On APRIL 16, 2024 before me, DINESH CHANDRA KAUSHIK, PUBLIC ^{NOTARY}
(insert name and title of the officer)

personally appeared ALFRED LEE,
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.

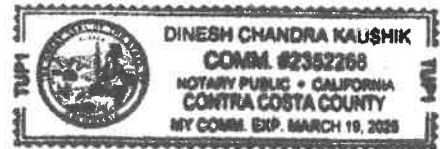
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature



(Seal)



BID BOND

CITY OF RICHMOND
Sanctuary City Compliance Statement

The undersigned, an authorized agent of APB General Engineering (hereafter "Contractor"), has had an opportunity to review the requirements of City of Richmond Ordinance 12-18 (hereafter "Sanctuary City Contracting Ordinance" or "SCCO"). Contractor understands and agrees that the City may choose with whom it will maintain business relations and may refrain from contracting with any person or entity that provides Data Broker or Extreme Vetting services to the U.S. Immigration and Customs Enforcement Division of the United States Department of Homeland Security ("ICE"). Contractor understands the meaning of the following terms used in the SCCO:

- a. "Data Broker" means either of the following:
 - i. The collection of information, including personal information about consumers, from a wide variety of sources for the purposes of reselling such information to their customers, which include both private-sector business and government agencies;
 - ii. The aggregation of data that was collected for another purpose from that for which it is ultimately used.

- b. "Extreme Vetting" means data mining, threat modeling, predictive risk analysis, or other similar services."

Contractor understands that it is not eligible to receive or retain a City contract if at the time the Contract is executed, or at any time during the term of the Contract, it provides Data Broker or Extreme Vetting services to ICE.

Contractor further understands and agrees that Contractor 's failure to comply with the SCCO shall constitute a material default of the Contract and the City Manager may terminate the Contract and bar Contractor from bidding on future contracts with the City for five (5) years from the effective date of the contract termination.

By executing this Statement, Contractor certifies that it complies with the requirements of the SCCO and that if at any time during the term of the Contract it ceases to comply, Contractor will promptly notify the City Manager in writing. Any person or entity who knowingly or willingly supplies false information in violation of the SCCO shall be guilty of a misdemeanor and subject to a \$1,000 fine.

Based on the foregoing, the undersigned declares under penalty of perjury under the laws of the State of California that the foregoing is true and correct. Executed this 16th day of April, 2024, at San Pablo, California.

Printed Name: Alfred Lee **Title:** President

Signed: *Alfred Lee* **Date:** 04/16/2024

Business Entity: APB General Engineering

ATTACHMENT A: 2023-24 RAA LINE SEGMENT REPLACEMENT LIST

Sr.	Line Segment		Length from GIS	Scope Of Work	Special	Diameter	Lumpsum Bid Amount	
1	F10SF405 F10MH1549	1319 MARINA WAY S	100.10	Replace with 8" Pipe. Install new Manhole at SF cleanout		6		
2	G10SF399 G10MH1595	1620 CUTTING BLVD	133.80	Replace with 8" Pipe. Install new Manhole at SF cleanout		6		
3	G11SF941 G11MH1223	2315 CUTTING BLVD	107.30	Replace with 8" Pipe. Install new Manhole at SF cleanout		6		
4	G13SF29 G13MH452	NUNN ST	624.10	Replace with 8" Pipe. Install new Manhole at SF cleanout and one intermediate Manhole		6		
5	H12MH263 H12MH268	3400 NEVIN AVE	422.70	Replace with 8" Pipe.		8		
6	I10SF479 I10MH2298	269 16TH ST	225.10	Replace with 8" Pipe. Install new Manhole at SF cleanout		6		
7	G9MH1325 G9MH1310	108 CUTTING BLVD	292.15	Replace with 8" Pipe.		8		
8	H10SF813 G10MH1837	11TH S ST	358.39	Replace with 8" Pipe. Install new Manhole at SF cleanout		6		
9	J12MH569 J12MH2816	981 36TH ST	554.60	Replace with 8" Pipe. Install one intermediate Manhole		6		
10	K11SF925 K11MH2471	1100 23RD ST	164.30	Replace with 8" Pipe. Install new Manhole at SF cleanout		4		
11	H9SF295 H9MH1712	750 BISSELL AVE	243.5	Replace with 8" Pipe. Install new Manhole at SF cleanout		6		
12	I12MH1065 I12MH1064	3527 BARRETT AVE	264.8	Replace with 8" Pipe.		6		
13	I12SF646 I12MH1066	BARRETT AVE/37TH ST	481.4	Replace with 8" Pipe. Install new Manhole at SF cleanout and one intermediate Manhole		6		
14	H11MH1168 H11MH1169	2823 CHANSLOR AVE	61.3	Replace with 8" Pipe.		6		
15	J13SF160 J13SF161	671 SONOMA AVE	76.2	Replace with 8" Pipe. Install new Manhole at SF cleanout		6		
16	F8SF202 F7MH2732	407 NEVADA AVE	316.4	Replace with 8" Pipe. Install new Manhole at SF cleanout		6		
17	H13SF132 H13MH628	316 45TH ST	266.5	Replace with 8" Pipe. Install new Manhole at SF cleanout		6		
18	G7MH743 F7MH745	Terrace Ave	476.4	Replace with 8" Pipe. Install one intermediate Manhole		6		
19	I13MH295 J13MH723	680 Amador St	241.1	Replace with 8" Pipe.		6		
20	H13MH116 H13MH119	457 Carlston St	171.9	Replace with 8" Pipe.		6		
21	I12MH605 I12MH602	637 41st ST	500.4	Replace with 8" Pipe.		6		
22	I12SF645 I12MH1060	3226 ROOSEVELT AVE	479.0	Replace with 8" Pipe. Install new Manhole at SF cleanout and one intermediate Manhole		6		
23	G7MH2736 G7MH668	SCENIC AVE	220.3	Replace with 8" Pipe.		6		
24	G7SF234 G7MH2736	SCENIC AVE 2	409.7	Replace with 8" Pipe. Install new Manhole at SF cleanout and one intermediate Manhole		6		
							Item #25: Mobilization & Demobilization	\$
							Item #26: Field Verification & Design	\$
							Item #27: Bonds & Insurance	\$
							Item #28: Revocable Allowance for disposal of Contaminated Soil (Prior Approval by Owner)	\$50,000.00
							Item #29: NASSCO Post Construction CCTV	\$
							Item #30: Hardscape Restoration, Paving & Striping	\$
							Item #31: Final As-Built Drawings & Closeout Documents	\$
							Total Contractor Bid Amount (Amount) for items 1-31 above	\$



April 17, 2024

Chandrasekar Venkatraman
Director of Capital Program Management (West)
Veolia Water
601 Canal Boulevard
Richmond, CA 94804

Subject: Proposal to Perform Materials Testing and Inspection during the Grade 5 RAA Line Replacement 2023-2024 Project, Richmond, California

Dear Mr. Venkatraman:

This letter submits our proposed scope of services to perform materials testing and inspection for the Grade 5 RAA Line Replacement Project, located on Dorman Drive in Point Richmond, California. This proposal is based on discussions with Morgan Mackay of Veolia, our experience with past projects, our knowledge of the project site, and review of the Project Bid Documents.

SCOPE OF SERVICES

Questa will perform the following services related to the Sewer Line Replacement Project.

Task 1. Project management, budget management, client contacts, and scheduling of personnel to perform sampling and testing work. This will include review of field results by licensed personnel.

Task 2. During construction, Questa personnel will perform materials sampling and testing. This may include sampling of soil and aggregate and testing for compaction characteristics in the laboratory by ASTM D1557, and field testing of compaction using nuclear methods by ASTM D 6938. Testing of asphalt concrete compaction will also be performed during completion of the final paving of the project. Sampling and testing of concrete for manhole construction may also be performed if required.

Task 3. Field daily reports will be prepared for all field activities. The field report will include a summary of site conditions, personnel on site, sampling and testing work performed, and results of the testing. Any substandard test results will be identified, and correcting tests will be identified in the report.

Page 2
Mr. Venkatraman
April 17, 2024

FEE ESTIMATE

Our services will be performed on a time-and-expenses basis in accordance with our **Schedule of Fees**. Based on our review of the project and our experience with past similar projects, we estimate fees for our services will not exceed \$25,000. Should the costs exceed this amount, we will notify you as soon as possible along with a request for budget increase.

Should you have any questions regarding this proposal please contact Will Hopkins at (510) 236-6114, extension 222 or by e-mail at whopkins@questaec.com.

Sincerely,



Willard Hopkins, PG, CEG
Geotechnical Services Manager

Ref: 2400024_Grade5-RAA_LineReplacement-2023-2024_Testing_Proposal



SCHEDULE OF FEES
(08/01/23)

LABOR*

Principals	\$210.00 – 245.00
Senior Professional	190.00 – 210.00
Professional	185.00 – 195.00
Associate Professional	130.00 – 150.00
Technical Staff/Drafting/GIS	90.00 – 110.00
Field Staff	80.00 – 100.00
Administrative Staff	80.00 – 100.00

TRAVEL TIME

Travel time is charged at regular hourly rates.

DIRECT COSTS

All reimbursable, "out-of-pocket" expenses, not included in hourly labor rates, are billed as incurred at cost plus 10 percent. In-house charges, company equipment rental, and field supplies will be charged as used in accordance with the **Schedule of Fees**.

TERMS

Terms: Due and payable upon receipt. A 1.0% per month (12% per annum) late fee will be charged on all overdue balances. Current billings represent charges accrued through the last day of the indicated billing period. Unless marked as a "Final Invoice," subsequent charges may be pending and will be billed in the following month.

FEE CHANGES

Questa's labor rates are adjusted annually in February.

See reverse.

* **Legal.** In the event our services are required in connection with legal proceedings, our fees will be 200% of the above-listed labor rates, with a two hour minimum for: testimony (court or deposition). Preparation of opinions or report letters, meetings or telephone consultations with attorneys, preparation for testimony, and travel to and from the place of testimony, including waiting, will be billed at standard hourly rates listed above. Time away from Questa's Point Richmond office will be billed on a "portal to portal" basis.

SCHEDULE OF FEES
(08/01/23)

IN-HOUSE CHARGES

Reproduction Black & White	
Letter, Legal, Tabloid, Oversize	\$.15/.25/.50/.60
Reproduction	
Letter, Legal, Tabloid, Oversize30/.40/1.00/1.15
Plots Black & White	
18 x 27, 24 x 36	2.00/2.40
Plots Color	
18 x 27, 24 x 36	3.75/4.80
Tolls	(at cost)
Postage	(at cost)
Vehicles	(\$22 per day, plus mileage)
Mileage	Current IRS Mileage Rate

SUPPLIES & MATERIALS

Triggs Lost Points	\$ 15.00 per point
Disposable Bailers	6.50 per bailer
Monitoring Well Supplies	18.50 per well
On-Site Monitoring Supplies	10.00 per visit
Brass/SS Sample Tubes 6"	9.00 per tube
Percolation Testing Materials	12.00 per test
Concrete Cylinder Molds	5.00 per cylinder
Shelly Tubes 12"	15.00 per tube

Prices may vary depending upon inventory stocks and supplier costs.

EQUIPMENT RENTALS

Nuclear Density Gauge (Day, Week)	\$ 100.00/400.00
Triggs Dynamic Cone Penetrometer	300.00 per day
Triggs Stork Power Hammer	200.00 per day
IR Thermometer	20.00 per day
Hand Sampling Equipment	50.00 per day
Surveying Equipment	75.00 per day
Concrete Test Kit	50.00 per day

LABORATORY FEES

Moisture Content - Oven (ASTM D 2216)	\$ 20.00
Moisture And Density (ASTM D 2937)	25.00
Sand Cone Tests	100.00
Wash through #200 Sieve (ASTM D 1140)	60.00
Sieve Only with #200 wash	110.00
Hydrometer	150.00
Shrinkage Limit	150.00
Atterberg Limits (ASTM D 4318)	150.00
Particle Size (ASTM D 422)	150.00
Sieve and Hydrometer	175.00
Soil Classification (ASTM 2487)	250.00
Sand Equivalent (Cal Test 217)	150.00
Caltrans Sieve Analysis of Fine and Coarse Aggregates (Cal Test 202)	250.00
Standard Proctor Compaction 4" Mold (ASTM D 698)	250.00
Standard Proctor Compaction 6" Mold (ASTM D 698)	300.00
Modified Compaction 4" Mold (ASTM D 1557)	275.00
Modified Compaction 6" Mold (ASTM D 1557)	325.00
Compaction Check Point (per point)	125.00
Concrete Cylinder Strength Testing (per set)	425.00