



# TASK AUTHORIZATION



2024-25 Grade 5 RAA Line Replacement Project - Phase I - Change Order 2

Date: December 30, 2024

VWNA Project #: TBD

### 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"/>            |

Proposed by: *Chandrasekar Venkatraman*  
Chandrasekar Venkatraman, Veolia Water West Operating Services

Reviewed by: *Mary Phelps*  
Jeffrey Barich, Authorized City Dept. Rep. (PO verification)

Reviewed by: *[Signature]*  
City of Richmond, Finance Department

Approved by: *Robert Armijo* *Daniel Chavarria*  
City of Richmond, Deputy Public Works Dir./City Engineer

Approval Date: 01-02-2025

|                                     |                     |
|-------------------------------------|---------------------|
| Original Line Item Approved Cost:   | \$ 1,755,800.00     |
| Approved Markup/Margin              | \$ 289,707.00       |
| Previously authorized change orders | \$ 262,483.82       |
| Change Order 2                      | \$ 206,296.00       |
| Approved Markup/Margin              | \$ 34,038.84        |
| <b>Total Authorized Amt.:</b>       | <b>\$ 2,548,326</b> |

Previously Authorized Amount: \$2,307,990.82

### Scope of Services

Line segment I13MH48 - I13SF893 was scheduled to be replaced as part of 2022-23 Grade 5 RAA project back in 2023, but could not be completed as the City was not able to complete the easement process. In the last several months, Veolia received numerous service calls in relation to this line segment, to which Veolia responded by cleaning from both sides of the line, but at some point could not go more than 10 feet as the line appears to be collapsed. Veolia held a meeting with the City on December 12 to discuss options for a permanent fix and presented a proposal to replace the line on December 16. On December 30, the City gave Veolia direction to submit a TA for this work using APB as the general contractor under the current Grade 5 RAA project.

The total authorization amount of this Change Order 1 TA is \$240,335, which includes Veolia's 16.5% markup for added scope. This brings the total project amount authorization to \$2,548,326.

| 2024-25 Grade 5 RAA Line Repl. - Phase I - CO1 | Bids/Estim.      | SUBTOTAL         | Veolia Markup 16.50% | TOTAL            |
|--|------------------|------------------|----------------------|------------------|
| APB General Engineering                        | 1,690,800        | 1,690,800        | 278,982              | 1,969,782        |
| PCO 1  | 208,608          | 208,608          | 34,420               | 243,028          |
| PCO 2  | (2,540)          | (2,540)          | (419)                | (2,959)          |
| V.W.Housen                                     | 40,000           | 40,000           | 6,600                | 46,600           |
| Questa   | 25,000           | 25,000           | 4,125                | 29,125           |
| J Majors & Associates                          | 19,240           | 19,240           | 3,175                | 22,415           |
| <b>PCO 3</b>                                   | <b>206,296</b>   | <b>206,296</b>   | <b>34,039</b>        | <b>240,335</b>   |
| <b>TOTAL</b>                                   | <b>2,187,404</b> | <b>2,187,404</b> | <b>360,922</b>       | <b>2,548,326</b> |

### Attachments

Copy of APB General Engineering Proposal



GENERAL ENGINEERING  
Lic. 1038184

2721 Kevin Rd. San Pablo, CA 94806  
License No. 1038184  
DIR NO. 1000058019  
(925) 989-1453

**Proposal**

Submitted by: Alfred Lee, APB General Engineering      Date: December 13th, 2024

Owner Name: City of Richmond/Veolia

Owner Telephone: 510.685.2336

Project Location: Roosevelt Ave and McLaughling St Easement - Richmond

**Scope of Work:**

Provide labor, materials, and equipment to remove and replace line segment I13SF893 to I13MH48, approximately 522' of 6" sewer line with 8" HDPE DR 17. Proposed cost includes all sheeting/shoring, traffic control, all excavation for insertion pits, sewer lateral connections, 2 new manholes, utility potholing, landscape/AC restoration and post CCTV. All work to follow City of Richmond Standard Specifications.

**Sub Total: \$206,296\***

**Acceptance of Proposal:** You, APB General Engineering, are authorized to perform work as described in the above proposal. The undersigned agrees to pay the "Total Amount," as stated, upon completion of the project with the completed permits.

DATE: \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_

SIGNATURE: \_\_\_\_\_



# TASK AUTHORIZATION



2024-25 Grade 5 RAA Line Replacement Project - Phase I - Change Order 1

Date: November 4, 2024

VWNA Project #: TBD

**Activity Classification**  
(Check applicable)

**Administration**

**Engineering**

    Planning

    Design

    Construction

**Construction**

    Sanitary Sewer

    Storm Sewer

    Sanitary P.S.

    Storm P.S.

**Wastewater**

**Other (specify below)**

Proposed by: Chandrasekar Venkatraman  
Chandrasekar Venkatraman, Veolia Water West Oper. Services

Reviewed by: Jeffrey Barich  
Jeffrey Barich, Authorized City Dept. Rep. (PO verification)

Reviewed by: Resolution 87-24 adopted 07/02/2024. CO within budget  
City of Richmond, Finance Department

Approved by: see back 2 pages - authorization  
Robert Armijo  
City of Richmond, Deputy Public Works Dir./City Engineer

Approval Date: 12-16-24

|                                   |                     |
|-----------------------------------|---------------------|
| Original Line Item Approved Cost: | \$ 1,755,800.00     |
| Approved Markup/Margin            | \$ 289,707.00       |
| Change Order                      | \$ 225,308.00       |
| Approved Markup/Margin            | \$ 37,175.82        |
| <b>Total Authorized Amt.:</b>     | <b>\$ 2,307,991</b> |

Previously Authorized Amount: \$2,045,507.00

### Scope of Services

Per the City's direction, line segment I10SF827\_I10MH2277 (20th Street between Nevin Ave. and Barrett Ave.) is to be added to the project as additional scope. The pipe segment is approximately 476 feet in length and will be replaced along with two (2) new manholes. Also, the Contractor, APB General Engineering, has requested 15 days to be added to the project time which will move Substantial Completion from November 30, 2024 to December 15, 2024; and Final Completion will be January 14, 2025. Please refer to the PCO1 documentation attached.

Per RFI #1, the existing 36" manhole is to remain in place. This credit change to the City accounts for the manhole work which is removed from the scope. Please refer to the attached PCO2 documentation.

Additionally, and also per the City's direction, Veolia is to contract directly with J Majors and Associates for outreach needs on the project including distributing notification flyers prior to contractor work, securing signatures from residents at three designated easement addresses, and preparing and printing notification and easement letters for signatures. See attached proposal from Jacqueline Majors.

The total authorization amount of this Change Order 1 TA is \$262,483.82, which includes Veolia's 16.5% markup for added scope. This brings the total project amount authorization to \$2,307,991.

| 2024-25 Grade 5 RAA Line Repl. - Phase I - CO1 | Bids/Estim.      | SUBTOTAL         | Veolia Markup<br>16.50% | TOTAL            |
|--|------------------|------------------|-------------------------|------------------|
| APB General Engineering                        | 1,690,800        | 1,690,800        | 278,982                 | 1,969,782        |
| PCO 1  | 208,608          | 208,608          | 34,420                  | 243,028          |
| PCO 2  | (2,540)          | (2,540)          | (419)                   | (2,959)          |
| V.W.Housen (design support)                    | 40,000           | 40,000           | 6,600                   | 46,600           |
| Questa (testing)                               | 25,000           | 25,000           | 4,125                   | 29,125           |
| J Majors & Associates (outreach)               | 19,240           | 19,240           | 3,175                   | 22,415           |
| <b>TOTAL</b>                                   | <b>1,981,108</b> | <b>1,981,108</b> | <b>326,883</b>          | <b>2,307,991</b> |

### Attachments

Copy of APB General Engineering PCOs 1&2  
J Majors and Associates Proposal

# APB

## GENERAL ENGINEERING

Lic. 1038184

**Project:** 2024-2025 RAA Line Segment Replacement

**Potential Change Order No. 1**

**Owner:** City of Richmond/Veolia

**Date:** October 7th, 2024

**Contractor:** APB General Engineering

**Phone:** (925) 989-1453

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

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Request the following change to be made to the contract:

**Description of Change:**

- 1) Remove and replace line segment I10SF827\_I10MH2277, approximately 476 LF, with 6" HDPE DR 17. Proposed cost includes all sheeting/shoring, traffic control, all excavation for all insertion pits, sewer lateral connections, 2 new manholes, utility potholing, engineering/design, AC restoration and post CCTV. All work to follow City of Richmond Standard Specifications.

**Reason for Change:**

- 1) Added pipe bursting footage as requested per City of Richmond/Veolia.

**Requested by:** APB General Engineering

**Pricing Data:** \$208,608

**Contract Time:** 15 Days

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The Owner and the Contractor hereby agree that this change order constitutes full and mutual accord and satisfaction for all time, all costs, and all impacts related to this revision. In accepting this change order, the Contractor agrees that it represents a full and equitable adjustment to the Contract, and further agrees to waive all rights to file claim with respect to any difficulties arising from, or as a result of this change.

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APPROVED:

\_\_\_\_\_  
Engineer

\_\_\_\_\_  
Owner

# APB

## GENERAL ENGINEERING

Lic. 1038184

**Project:** 2024-2025 RAA Line Segment Replacement

**Potential Change Order No. 2**

**Date:** October 7th, 2024

**Owner:** City of Richmond/Veolia

**Phone:** (925) 989-1453

**Contractor:** APB General Engineering

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

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Request the following change to be made to the contract:

**Description of Change:**

- 1) Per the response to RFI#001. Existing 36" structure to remain and per the supplemental bid for, a Credit of (\$7,500) is due.
- 2) Per the response to RFI#001 and per confirmation during progress meeting held on 10/7/2024. APB General Engineering is to chip out the existing MH to bring new HDPE pipe into existing MH and patch existing MH as per City Standards. Cost of this work is \$4,960.

**Reason for Change:**

- 1) Response to RFI #001

**Requested by:** APB General Engineering

**Pricing Data:** (\$-2,540)

**Contract Time:** 0 Days

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The Owner and the Contractor hereby agree that this change order constitutes full and mutual accord and satisfaction for all time, all costs, and all impacts related to this revision. In accepting this change order, the Contractor agrees that it represents a full and equitable adjustment to the Contract, and further agrees to waive all rights to file claim with respect to any difficulties arising from, or as a result of this change.

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APPROVED:

\_\_\_\_\_  
Engineer

\_\_\_\_\_  
Owner

Veolia  
Attention: Akash Vijay, Construction Manager  
October 29, 2024

Proposed Outreach Cost Proposal for the 2024-2025 Grade 5 RAA Project

This work plan outlines the scope of services J Majors & Associates (JMA) will provide to support the 2024-2025 Grade 5 RAA Project. JMA's responsibilities will include:

- Distributing notification flyers to 24 specified addresses prior to contractor work.
- Securing signatures from residents at 3 designated Easement addresses.
- Handling administrative tasks, including meeting attendance, and preparing and printing notification and easement letters for signatures.

Rate for Services  
\$260/hour  
74 hours (estimated)  
Total Estimate: \$19,240

Thank you for considering this proposal.

Sincerely,  
Jacqueline Majors  
J Majors & Associates  
925-949-6196  
Jacqueline@jmajorsandassociates.com

Signature:   
Daniel Chavarria (Dec 16, 2024 14:24 PST)

Email: Daniel\_Chavarria@ci.richmond.ca.us






# TA -2024-25 Grade 5 RAA Change Order 1 signed by Veolia

Final Audit Report

2024-12-16

|                 |   |
|-----------------|---|
| Created:        | 2024-12-16  |
| By:             | Jeffrey Barich (Jeffrey_Barich@ci.richmond.ca.us) |
| Status:         | Signed  |
| Transaction ID: | CBJCHBCAABAATwV5Fi8eixMv5xYPTO3gs7sfcnGUx95       |

## "TA -2024-25 Grade 5 RAA Change Order 1 signed by Veolia" History

-  Document created by Jeffrey Barich (Jeffrey\_Barich@ci.richmond.ca.us)  
2024-12-16 - 10:18:32 PM GMT
-  Document emailed to Daniel Chavarria (Daniel\_Chavarria@ci.richmond.ca.us) for signature  
2024-12-16 - 10:18:42 PM GMT
-  Email viewed by Daniel Chavarria (Daniel\_Chavarria@ci.richmond.ca.us)  
2024-12-16 - 10:19:20 PM GMT
-  Document e-signed by Daniel Chavarria (Daniel\_Chavarria@ci.richmond.ca.us)  
Signature Date: 2024-12-16 - 10:24:13 PM GMT - Time Source: server
-  Agreement completed.  
2024-12-16 - 10:24:13 PM GMT



**TASK  
AUTHORIZATION**



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

Date: May 29, 2024

**Activity Classification  
(Check applicable)**

Administration

Engineering

    Planning

    Design

    Construction

Construction

    Sanitary Sewer

    Storm Sewer

    Sanitary P.S.

    Storm P.S.

Wastewater

Other (specify below)

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  
Mary Phelps, Water Resource Division Manager

Reviewed by: Resolution 8792 adopted 7/2/24  
City of Richmond, Finance Department - Funding Source

Approved by: [Signature]  
Daniel Chavarria  
City of Richmond, Director of Public Works

Approval Date: 05/30/2024

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

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<br>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           |
| <b>TOTAL</b>                                       | <b>1,755,800</b> | <b>1,755,800</b> | <b>289,707</b>          | <b>2,045,507</b> |

**Attachments**

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