



# REQUEST FOR PROPOSAL (RFP)

## for Emergency Bypass Hose Testing & Certification, RFP No. 795-26-01

### ***ADDENDA***

Prospective bidders are responsible for reviewing any published addenda regarding this bid at [ebmud.com/business-center](http://ebmud.com/business-center)

### ***CONTACT***

**Lon Lee**, Associate Mechanical Engineer  
(510) 287-2054  
[lon.lee@ebmud.com](mailto:lon.lee@ebmud.com)

### ***RESPONSE DUE***

March 27, 2026  
4:00 p.m. PST

### ***SUBMIT ELECTRONICALLY TO\****

**Lon Lee**, EBMUD  
[lon.lee@ebmud.com](mailto:lon.lee@ebmud.com)

*\*Hardcopy proposals will not be accepted*

# **EAST BAY MUNICIPAL UTILITY DISTRICT**

RFP No. 795-26-01 for Emergency Bypass Hose Testing and Certification  
**TABLE OF CONTENTS**

**I. STATEMENT OF WORK**

- A. SCOPE
- B. PROPOSER QUALIFICATIONS
- C. SPECIFIC REQUIREMENTS
- D. DELIVERABLES / REPORTS

**II. CALENDAR OF EVENTS**

- A. OPTIONAL SITE WALK

**III. DISTRICT PROCEDURES, TERMS, AND CONDITIONS**

- A. RFP ACCEPTANCE AND AWARD
- B. EVALUATION CRITERIA/SELECTION COMMITTEE
- C. PRICING
- D. NOTICE OF INTENT TO AWARD AND PROTESTS
- E. WARRANTY
- F. INVOICING
- G. LIQUIDATED DAMAGES

**IV. RFP RESPONSE SUBMITTAL INSTRUCTIONS AND INFORMATION**

- A. DISTRICT CONTACTS
- B. SUBMITTAL OF RFP RESPONSE
- C. RESPONSE FORMAT

**ATTACHMENTS**

EXHIBIT A – RFP RESPONSE PACKET

EXHIBIT B – INSURANCE REQUIREMENTS

EXHIBIT C – GENERAL REQUIREMENTS

EXHIBIT D – INFORMATION TECHNOLOGY SECURITY INFORMATION TO BE EXCLUDED FROM PUBLIC RECORDS ACT REQUESTS

EXHIBIT E – TECHNICAL SPECIFICATIONS FOR EBH HOSES

## I. **STATEMENT OF WORK**

### A. **SCOPE**

As part of East Bay Municipal Utility District's (EBMUD / District) Emergency Bypass System (EBS) intended to maintain water service during disaster relief, EBMUD maintains 6-inch and 12-inch flexible temporary water distribution hoses at various locations throughout the District. These Emergency Bypass Hoses (EBH) are lay-flat type of different lengths (500-feet, 250-feet, 100-feet and 50-feet) with grooved end fittings. This allows multiple hoses to be banded together as needed to bridge across damaged distribution and transmission pipelines following a major seismic event or landslide. In total, the District's current inventory of EBH hoses is approximately 17,600 feet of 12-inch size and 6,500 feet in the 6-inch size, most of which have been stored in metal flaking boxes.

To maintain emergency preparedness, EBMUD intends to conduct a condition assessment of the existing EBH hoses. As some of the hoses were procured in the early 2000s, they are nearing the end of their useful life and may need to be replaced on an as needed basis. The results from the condition assessment will also be used to determine which hoses need replacement.

It is the intent of these specifications, terms, and conditions to describe the testing and certification of the EBH hoses for the formal condition assessment.

EBMUD intends to award a lump sum contract to the Proposer(s) who best meets the District's requirements.

### B. **PROPOSER QUALIFICATIONS**

#### 1. Proposer Minimum Qualifications

a. Proposer, Proposer's principal, or Proposer's staff shall have been regularly engaged in the business of providing hose testing or mobile hose testing services for at least five (5) years.

(1) Or, alternatively, Proposer, Proposer's principal, or Proposer's staff shall have been regularly engaged in the business of manufacturing or assembling lay-flat hoses for at least ten (10) years if less than five (5) years of hose testing or mobile hose testing experience.

b. Proposer shall possess all permits, licenses, and professional credentials necessary to perform services as specified under this RFP.

C. **SPECIFIC REQUIREMENTS**

1. Hydrostatic Pressure Testing

- a. Provide all necessary manpower; supervision; equipment and material; and coordination with EBMUD staff for hydrostatic pressure testing. Equipment and materials might include test pump, portable air compressor, pressure gauges, leakage measuring device, connections, test caps and all other necessary apparatus.
- b. Test Site: Testing shall be conducted at the District's South Reservoir, located at the intersection of Grove Way and Gail Drive, Castro Valley, California. The nearest street address to the reservoir entrance is 1706 Grove Way, Castro Valley, California.
- c. Test pressure shall be equal to the lowest working pressure rating of the EBH hoses:
  - (1) 225-psig for 6-inch hose
  - (2) 150-psig for 12-inch hose
- d. Test duration: 5 minutes, minimum, and for any additional time as necessary to conduct examinations for leakage. Maintain test pressures constant throughout the duration of the test.
- e. Scope of testing
  - (1) Confirmed scope: Contractor shall complete testing of all hose segments below within 8 working days after receiving the hoses from the District at the Test Site.

Confirmed Scope					
Size (Inch)	Length of Hose Segments (No.)				Total Length (Feet)
	500 Ft	250 Ft	100 Ft	50 Ft	
12	12	4	8	4	8,000

- (2) Optional scope: District may elect to conduct additional testing of the following pending personnel availability. If elected, Contractor shall complete testing of all hose segments in Optional Scope 1 within 6 working days and all hose segment in Optional Scope 2 within 3 working days after receiving the hoses from the District at the Test Site.

Optional Scope 1					
Size (Inch)	Length of Hose Segments (No.)				Total Length (Feet)
	500 Ft	250 Ft	100 Ft	50 Ft	
6	3	5	4	4	3,350
12	3	2	-	3	2,150

Optional Scope 2					
Size (Inch)	Length of Hose Segments (No.)				Total Length (Feet)
	500 Ft	250 Ft	100 Ft	50 Ft	
12	3	3	6	3	3,000

(3) District retains the right to determine which hoses require testing and may not elect to test any additional hoses beyond the confirmed scope.

2. Provide asset identification tags with unique asset tag number for each EBH hose segment to distinguish the hoses during testing and for the test reports (per Paragraph I.D. Deliverables/Reports below).

a. Asset identification tags shall include the following character string for unique asset tag numbers

(1) 6-inch hoses: **000-EBS-EBH-XXX-6**, where XXX denotes a numerical sequential identifier starting with 001.

(2) 12-inch hoses: **000-EBS-EBH-XXX-12**, where XXX denotes a numerical sequential identifier starting with 001.

b. Asset tags shall be constructed of two-ply laminated plastic.

(1) Minimum size: 1" x 2-1/2" x 1/16" thick

c. Tag attachment:

(1) Tag fasteners shall be plastic coated, flexible, multi-stranded 18-8 stainless steel cable.

(2) Cable shall be 7x7 strand core 0.036" cable diameter minimum with 0.044" coating diameter. Nylon ties are not acceptable.

(3) Clamps shall be stainless steel crimped clamping sleeves. Lead clamps are not acceptable. Cable clamps shall be affixed so that the

cable ends are contained within the clamp. Frayed cable ends are not acceptable.

- (4) Tag cables shall be attached so that tag removal is only possible by cutting the cable.
- d. Asset tags and cable attachment shall be free from sharp edges that damage or cut the EBH hoses.
3. Dewatering of EBH hoses after hydrostatic pressure testing: Provide support and assistance to EBMUD personnel with dewatering by operating valves on the test equipment as necessary.
4. Items Not in Scope - The following are provided by EBMUD and are not in the scope of services:
  - a. EBMUD to transport EBH hoses to and from the test site at South Reservoir. Additionally, EBMUD will remove EBH hoses from their storage containers and lay out the hoses at the test site for testing and will remove the hoses after the testing is completed.
  - b. EBMUD to supply water for testing from an air valve connection to the District's water distribution system. The pressure at the connection point is approximately 15 psig.
  - c. EBMUD to treat and dispose of water after testing.

D. DELIVERABLES / REPORTS

1. Provide test results as a written report within 4 weeks after the conclusion of testing.

## II. CALENDAR OF EVENTS

EVENT	DATE/LOCATION	
<b>RFP Issued</b>	February 11, 2026	
<b>Optional Site Walk</b>	March 2, 2026 at 10:00am	at: South Reservoir, approximately at 1706 Grove Way, Castro Valley, CA.
E-mail: <a href="mailto:lon.lee@ebmud.com">lon.lee@ebmud.com</a> to confirm attendance for optional site walk by February 27, 2026 at 4:00pm.		
<b>Deadline for Questions</b>	March 11, 2026 to <a href="mailto:lon.lee@ebmud.com">lon.lee@ebmud.com</a>	
<b>Addendum, if issued</b>	March 20, 2026	
<b>Response Due</b>	March 27, 2026, by 4:00pm PST to <a href="mailto:lon.lee@ebmud.com">lon.lee@ebmud.com</a>	
<b>Anticipated Contract Start Date</b>	June 01, 2026	
<b>Anticipated Contract End Date</b>	Sixty (60) days after the Start Date.	

**Note:** All dates are subject to change by District.

Proposers are responsible for reviewing <https://www.ebmud.com/business-center/requests-proposal-rfps/> for any published addenda. Hard copies of addenda will not be mailed out.

### A. OPTIONAL SITE WALK

Optional site walk will be held to:

1. Allow the District to discuss the scope of the project.
2. Provide Proposers an opportunity to view the EBH hoses and the existing water supply connection at the test site.
3. Provide an opportunity for Proposers to ask specific questions about the project and request RFP clarifications.
4. Provide the District with an opportunity to receive feedback regarding the project and RFP.

All questions deemed to be pertinent by the District will be addressed in Addenda following the optional site walk.

### **III. DISTRICT PROCEDURES, TERMS, AND CONDITIONS**

#### **A. RFP ACCEPTANCE AND AWARD**

1. RFP responses will be evaluated by the Selection Committee and will be scored and ranked in accordance with the RFP section entitled “Evaluation Criteria/Selection Committee.”
2. The Selection Committee will recommend award to the Proposer who, in its opinion, has submitted the RFP response that best serves the overall interests of the District. Award may not necessarily be made to the Proposer with the lowest overall cost.
3. The District reserves the right to award to a single or to multiple General Service Providers, dependent upon what is in the best interest of the District.
4. The District has the right to decline to award this contract or any part of it for any reason.
5. Any specifications, terms, or conditions issued by the District, or those included in the Proposer’s submission, in relation to this RFP, may be incorporated into any purchase order or contract that may be awarded as a result of this RFP.
6. Award of contract. The District reserves the right to reject any or all proposals, to accept one part of a proposal and reject the other, unless the proposer stipulates to the contrary, and to waive minor technical defects and administrative errors, as the interest of the District may require. Award will be made, or proposals rejected by the District as soon as possible after proposals have been opened.

#### **B. EVALUATION CRITERIA/SELECTION COMMITTEE**

All proposals will be evaluated by a Selection Committee. The Selection Committee may be composed of District staff and other parties that have expertise or experience in this type of lay-flat hose condition assessment with hydrostatic pressure testing. The Selection Committee will select a Proposer in accordance with the evaluation criteria set forth in this RFP. The evaluation of the RFP responses shall be within the sole judgment and discretion of the Selection Committee.

The Selection Committee will evaluate each RFP response meeting the qualification requirements set forth in this RFP. Proposer should bear in mind that any RFP response that is unrealistic in terms of the technical or schedule commitments, or unrealistically high or low in cost, will be deemed reflective of an inherent lack of technical competence or indicative of a failure to comprehend the complexity and risk of the District’s requirements as set forth in this RFP.

RFP responses will be evaluated and scored according to the Evaluation Criteria below and scored according to a zero to five-point scale. The scores for all Evaluation Criteria will then be added to arrive at a weighted score for each RFP response. An RFP response with a high weighted total will be ranked higher than one with a lesser-weighted total.

The Evaluation Criteria are as follows:

	Evaluation Criteria	Weight
<b>A.</b>	<p><b>Cost:</b>  The points for Cost will be computed by dividing the amount of the lowest responsive RFP response received by each Proposer's total proposed cost.  While not reflected in the Cost evaluation points, an evaluation may also be made of:</p> <ul style="list-style-type: none"> <li>A. Reasonableness (i.e., does the proposed pricing accurately reflect the Proposer's effort to meet requirements and objectives?);</li> <li>B. Realism (i.e., is the proposed cost appropriate to the nature of the products and services to be provided?); and</li> <li>C. Affordability (i.e., the ability of the District to finance this project).</li> </ul> <p>Consideration of price in terms of overall affordability may be controlling in circumstances where two or more RFP responses are otherwise judged to be equal, or when a superior RFP response is at a price that the District cannot afford.</p>	<b>80%</b>
<b>B.</b>	<p><b>Relevant Experience:</b>  RFP responses will be evaluated against the RFP specifications and the questions below:</p> <ol style="list-style-type: none"> <li>1. Do the individuals assigned to the project have experience on similar projects?</li> <li>2. Are résumés complete and do they demonstrate backgrounds that would be desirable for individuals engaged in the work the project requires?</li> <li>3. How extensive is the applicable education and experience of the personnel designated to work on the project?</li> </ol>	<b>15%</b>
<b>C.</b>	<p><b>Contract Equity Program:</b>  Proposer shall be eligible for SBE or DVBE preference points if they are a certified small business entity, as described in the guidelines contained in Exhibit A-Contract Equity Program, <u>and</u> they check the appropriate box, requesting preference, in Exhibit A-Proposer Information and Acceptance. Qualified DVBEs and/or SBEs will receive an additional 5 points to their total score.</p>	<b>5%</b>

C. PRICING

1. Prices quoted shall be firm for the first year of any contract that may be awarded pursuant to this RFP.
2. All prices quoted shall be in United States dollars.
3. Price quotes shall include any and all payment incentives available to the District.
4. Proposers are advised that in the evaluation of cost, if applicable, it will be assumed that the unit price quoted is correct in the case of a discrepancy between the unit price and extended price.
5. Prevailing Wages:

All Contractors proposing on a public works project and all Subcontractors of any tier shall be registered with the State Department of Industrial Relations pursuant to Section 1725.5 of the Labor Code.

The Contractor shall post a copy of the general prevailing rate of per diem wages at the jobsite pursuant to Section 1773.2 of the Labor Code of the State of California.

Pursuant to the provisions of Division 2, Part 7, Chapter 1, Article 2, and any amendments thereof of the Labor Code of the State of California, the Contractor and any Subcontractor shall pay not less than the specified prevailing rate of wages to all workers employed in the execution of the contract.

The Contractor shall, as a penalty to the State or the District, forfeit Twenty-Five (\$25.00) Dollars for each calendar day, or portion thereof, for each worker paid less than the stipulated prevailing rates for any work or craft in which such worker is employed under the contract by the Contractor or by any Subcontractor. The difference between such stipulated prevailing wage rates and the amount paid to such worker for each calendar day or portion thereof for which each worker was paid less than the stipulated prevailing wage rate shall be paid to each worker by the Contractor. The Contractor shall comply with the provisions of Section 1776 of the Labor Code of the State of California. For all classes of work not specified herein, the minimum wage shall be that specified for general laborer.

The specified wage rates are minimum rates only and the District will not consider and shall not be liable for any claims for additional compensation made by the Contractor because of payment by Contractor of any wage rate in excess of the general prevailing rates. All disputes in regard to the payment of wages in

excess of those specified herein shall be adjusted by the Contractor at his own expense.

The holidays upon which such rates shall be paid shall be all holidays recognized in the collective bargaining agreement applicable to the particular craft, classification, or type of worker employed on the project.

D. **NOTICE OF INTENT TO AWARD AND PROTESTS**

At the conclusion of the RFP response evaluation process, all entities who submitted a proposal package will be notified in writing by e-mail or USPS mail with the name of the Proposer being recommended for contract award. The document providing this notification is the Notice of Intent to Award.

Protests must be in writing and must be received no later than seven (7) workdays after the District issues the Notice of Intent to Award. The District will reject the protest as untimely if it is received after this specified time frame. Protests will be accepted from proposers or potential proposers only.

If the protest is mailed and not received by the District, the protesting party bears the burden of proof to submit evidence (e.g., certified mail receipt) that the protest was sent in a timely manner so that it would be received by the District within the RFP protest period.

Proposal protests must contain a detailed and complete written statement describing the reason(s) for protest. The protest must include the name and/or number of the proposal, the name of the firm protesting, and include a name, telephone number, email address and physical address of the protester. If a firm is representing the protester, they shall include their contact information in addition to that of the protesting firm.

Protests must be mailed, hand delivered, or emailed to the Manager of Purchasing, Mailstop 102, East Bay Municipal Utility District, 1010 Franklin St., Oakland, CA 94607 or P.O. Box 24055, Oakland, California 94623. Facsimile and electronic mail protests must be followed by a mailed or hand delivered identical copy of the protest and must arrive within the seven workday time limit. Any proposal protest filed with any other District office shall be forwarded immediately to the Manager of Purchasing.

In the event that the protest is denied, the protester can appeal the determination to the requesting organization's Department Director. The appeal must be submitted to the Department Director no later than five workdays from the date which the protest determination was transmitted by the District, to the protesting party. The appeal shall focus on the points raised in the original protest, and no new points shall be raised in the appeal.

Such an appeal must be made in writing and must include all grounds for the appeal and copies of the original protest and the District's response. The proposal protester must also send the Purchasing Division a copy of all materials sent to the Department Director.

The Department Director will make a determination of the appeal and respond to the protester by certified mail in a timely manner. If the appeal is denied, the letter will include the date, time, and location of the Board of Directors meeting at which staff will make a recommendation for award and inform the protester it may request to address the Board of Directors at that meeting.

The District may transmit copies of the protest and any attached documentation to all other parties who may be affected by the outcome of the protest. The decision of the District as to the validity of any protest is final. This District's final decision will be transmitted to all affected parties in a timely manner.

**E. WARRANTY**

1. Proposer expressly warrants that all goods and services to be furnished pursuant to any contract awarded it arising from the Proposal will conform to the descriptions and specifications contained herein and in supplier catalogs, product brochures, and other representations, depictions, or models, and will be free from defects, of merchantable quality, good material, and workmanship. Proposer expressly warrants that all goods and services to be furnished pursuant to such award will be fit and sufficient for the purpose(s) intended. This warranty shall survive any inspections, delivery, acceptance, payment, or contract termination for any reason, by the District. Proposer warrants that all work and services furnished hereunder shall be guaranteed for a period of one year from the date of acceptance by the District.

**F. INVOICING**

1. Following the District's acceptance of the complete and satisfactory performance of services and acceptance of test reports and results, the District will render payment within thirty (30) days of receipt of a correct invoice.
2. The District will notify the General or Professional Service Provider of any invoice adjustments required.
3. Invoices shall contain, at a minimum, District purchase order number, invoice number, remit to address, and itemized services description.

4. The District will pay General or Professional Service Provider in an amount not to exceed the negotiated amount(s) which will be referenced in the agreement signed by both parties.

G. **LIQUIDATED DAMAGES**

1. A deduction for liquidated damages of \$5,000 a month will be assessed for not meeting District-specified performance requirements as prescribed in this RFP after the contract end date as described in Paragraph II Calendar of Events
2. It being impracticable or extremely difficult to fix the actual damage, the amount set forth above is hereby agreed upon as liquidated damages and will be deducted from any money due under the agreement arising from this RFP.
3. In the event performance and/or deliverables have been deemed unsatisfactory, the District reserves the right to withhold future payments until the performance and/or deliverables are deemed satisfactory.

**IV. RFP RESPONSE SUBMITTAL INSTRUCTIONS AND INFORMATION**

A. **DISTRICT CONTACTS**

All contact during the competitive process is to be through the contact listed on the first page of this RFP. The following persons are to be contacted only for the purposes specified below:

**FOR INFORMATION REGARDING TECHNICAL SPECIFICATIONS:**

Attn: Lon Lee, Associate Mechanical Engineer  
EBMUD Maintenance and Construction Department  
E-Mail: [lon.lee@ebmud.com](mailto:lon.lee@ebmud.com)  
PHONE: (510) 287-2054

**FOR INFORMATION ON THE CONTRACT EQUITY PROGRAM:**

Attn: Contract Equity Office  
PHONE: (510) 287-0114

**AFTER AWARD:**

Attn: Gary Walters, Construction Maintenance Superintendent  
EBMUD Maintenance and Construction Department  
E-Mail: [gary.l.walters@ebmud.com](mailto:gary.l.walters@ebmud.com)  
PHONE: (510) 287-2173

B. SUBMITTAL OF RFP RESPONSE

1. At this time, no hardcopy proposals will be accepted. Upload your RFP response in pdf format and prior to the bid due date/time RFP submittals, in their entirety, shall be emailed to [lon.lee@ebmud.com](mailto:lon.lee@ebmud.com). The District's email has limitations on attachment size. Make sure your response is less than 25 megabytes. If the file exceeds the limit, you will need to send multiple emails. Proposers are solely responsible for ensuring timely delivery of the proposals. The District shall not be responsible for any issues related to transfer of files through email. You may call at (510) 287-2054 to check receipt of the proposal.
2. All costs required for the preparation and submission of an RFP response shall be borne by the Proposer.
3. California Government Code Section 4552: In submitting an RFP response to a public purchasing body, the Proposer offers and agrees that if the RFP response is accepted, it will assign to the purchasing body all rights, title, and interest in and to all causes of action it may have under Section 4 of the Clayton Act (15 U.S.C. Sec. 15) or under the Cartwright Act (Chapter 2, commencing with Section 16700, of Part 2 of Division 7 of the Business and Professions Code), arising from purchases of goods, materials, or services by the Proposer for sale to the purchasing body pursuant to the RFP response. Such assignment shall be made and become effective at the time the purchasing body tenders final payment to the Proposer.
4. Proposer expressly acknowledges that it is aware that if a false claim is knowingly submitted (as the terms "claim" and "knowingly" are defined in the California False Claims Act, Cal. Gov. Code, §12650 et seq.), the District will be entitled to civil remedies set forth in the California False Claim Act.
5. The RFP response shall remain open to acceptance and is irrevocable for a period of one hundred eighty (180) days, unless otherwise specified in the RFP documents.
6. It is understood that the District reserves the right to reject any or all RFP responses.

C. RESPONSE FORMAT

1. **Proposers shall not modify the existing text for any part of Exhibits A, B, C, D, or E, or qualify their RFP responses. Proposers shall not submit to the District a re-typed or otherwise re-created version of these documents or any other District-provided document.**

2. RFP responses, in whole or in part, are NOT to be marked confidential or proprietary. The District may refuse to consider any RFP response or part thereof so marked. RFP responses submitted in response to this RFP may be subject to public disclosure. The District shall not be liable in any way for disclosure of any such records.



## EXHIBIT A

### RFP RESPONSE PACKET

#### RFP No. 795-26-01 For Emergency Bypass Hose Testing & Certification

To: The EAST BAY MUNICIPAL UTILITY District ("District")

From: \_\_\_\_\_  
(Official Name of Proposer)

#### RFP RESPONSE PACKET GUIDELINES

- **SUBMITTAL SHALL CONTAIN THE FOLLOWING:**
  - **EXHIBIT A – RFP RESPONSE PACKET**
    - **INCLUDING ALL REQUIRED DOCUMENTATION AS DESCRIBED IN “EXHIBIT A- REQUIRED DOCUMENTATION AND SUBMITTALS”**
- **PROPOSERS THAT DO NOT COMPLY WITH THE REQUIREMENTS, AND/OR SUBMIT AN INCOMPLETE RFP RESPONSE MAY BE SUBJECT TO DISQUALIFICATION AND THEIR RFP RESPONSE REJECTED IN WHOLE.**
- **IF PROPOSERS ARE MAKING ANY CLARIFICATIONS AND/OR AMENDMENTS, OR TAKING EXCEPTION TO ANY PART OF THIS RFP, THESE MUST BE SUBMITTED IN THE EXCEPTIONS, CLARIFICATIONS, AND AMENDMENTS SECTION OF THIS EXHIBIT A – RFP RESPONSE PACKET. THE DISTRICT, AT ITS SOLE DISCRETION, MAY ACCEPT AMENDMENTS/EXCEPTIONS, OR MAY DEEM THEM TO BE UNACCEPTABLE, THEREBY RENDERING THE RFP RESPONSE DISQUALIFIED.**
- **PROPOSERS SHALL NOT MODIFY DISTRICT LANGUAGE IN ANY PART OF THIS RFP OR ITS EXHIBITS, NOR SHALL THEY QUALIFY THEIR RFP RESPONSE BY INSERTING THEIR OWN LANGUAGE OR FALSE CLAIMS IN THEIR RESPONSE. ANY EXCEPTIONS AND CLARIFICATIONS MUST BE PLACED IN THE “EXCEPTIONS/ CLARIFICATIONS” PAGE, NOT BURIED IN THE PROPOSAL ITSELF.**



## PROPOSER INFORMATION AND ACCEPTANCE

1. The undersigned declares that all RFP documents, including, without limitation, the RFP, Addenda, and Exhibits, have been read and that the terms, conditions, certifications, and requirements are agreed to.
2. The undersigned is authorized to offer, and agrees to furnish, the articles and services specified in accordance with the RFP documents.
3. The undersigned acknowledges acceptance of all addenda related to this RFP. List Addenda for this RFP on the line below:

Addendum #	Date

4. The undersigned hereby certifies to the District that all representations, certifications, and statements made by the Proposer, as set forth in this RFP Response Packet and attachments, are true and correct and are made under penalty of perjury pursuant to the laws of California.
5. The undersigned acknowledges that the Proposer is, and will be, in good standing in the State of California, with all the necessary licenses, permits, certifications, approvals, and authorizations necessary to perform all obligations in connection with this RFP and associated RFP documents.
6. It is the responsibility of each Proposer to be familiar with all of the specifications, terms, and conditions and, if applicable, the site condition. By the submission of an RFP response, the Proposer certifies that if awarded a contract it will make no claim against the District based upon ignorance of conditions or misunderstanding of the specifications.
7. Patent indemnity: General or Professional Service Providers who do business with the District shall hold the District, its Directors, officers, agents, and employees harmless from liability of any nature or kind, including cost and expenses, for infringement or use of any patent, copyright or other proprietary right, secret process, patented or unpatented invention, article, or appliance furnished or used in connection with the contract or purchase order.
8. Insurance certificates are not required at the time of submission. However, by signing Exhibit A – RFP Response Packet, the Proposer agrees to meet the minimum insurance requirements stated in the RFP. This documentation must be provided to the District prior to execution of an agreement by the District

and shall include an insurance certificate which meets the minimum insurance requirements, as stated in the RFP.

9. The undersigned acknowledges that RFP responses, in whole or in part, are NOT to be marked confidential or proprietary. The District may refuse to consider any RFP response or part thereof so marked. RFP responses submitted in response to this RFP may be subject to public disclosure. The District shall not be liable in any way for disclosure of any such records.
10. The undersigned Proposer hereby submits this RFP response and binds itself to the District. The RFP, subsequent Addenda, Proposers Response Packet, and any attachments, shall be used to form the basis of a Contract, which once executed shall take precedence.
11. The undersigned acknowledges **ONE** of the following (please check only one box)\*:

Proposer is not an SBE nor a DVBE and is ineligible for any Proposal preference; **OR**

Proposer is an SBE or DVBE as described in the Contract Equity Program (CEP) and Equal Employment Opportunity (EEO) Guidelines, and has completed the CEP and EEO forms at the hyperlink contained in the CEP and EEO section of this Exhibit A.

\*If no box is checked it will be assumed that the Proposer is ineligible for Proposal preference, and none will be given. For additional information on SBE/DVBE Proposal preference please refer to the Contract Equity Program and Equal Employment Opportunity Guidelines at the above referenced hyperlink.

Official Name of Proposer (exactly as it appears on Proposer's corporate seal and invoice): \_\_\_\_\_

Street Address Line 1: \_\_\_\_\_

Street Address Line 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Webpage: \_\_\_\_\_

Type of Entity / Organizational Structure (check one):

<input type="checkbox"/> Corporation	<input type="checkbox"/> Joint Venture
<input type="checkbox"/> Limited Liability Partnership	<input type="checkbox"/> Partnership
<input type="checkbox"/> Limited Liability Corporation	<input type="checkbox"/> Non-Profit / Church
<input type="checkbox"/> Other: _____	

Jurisdiction of Organization Structure: \_\_\_\_\_

Date of Organization Structure: \_\_\_\_\_

Federal Tax Identification Number: \_\_\_\_\_

Department of Industrial Relations (DIR) Registration Number: \_\_\_\_\_

Primary Contact Information:

Name / Title: \_\_\_\_\_

Telephone Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

E-mail Address: \_\_\_\_\_

Street Address Line 1: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Does proposer or any employee/representative/service provider have any relatives currently employed with EBMUD? (This does not impact award of a qualified proposal; required reporting purposes only.)

YES  NO

If so, please list :

CONTRACTOR OR CONTRACTOR EMPLOYEE FIRST AND LAST NAME	DISTRICT EMPLOYEE FIRST AND LAST NAME	RELATIONSHIP

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

Name and Title of Signer (printed): \_\_\_\_\_

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 20\_\_\_\_



## PROPOSAL FORM

Cost shall be submitted on this Proposal Form as is. The prices quoted shall not include Sales Tax or Use Tax; said tax, wherever applicable, will be paid by the District to the General or Professional Service Provider, if licensed to collect, or otherwise directly to the State.

No alterations or changes of any kind to the Proposal Form(s) are permitted. RFP responses that do not comply may be subject to rejection in total. The cost quoted below shall be the cost the District will pay for the term of any contract that is a result of this RFP process.

Quantities listed herein are annual estimates based on past usage and are not to be construed as a commitment. No minimum or maximum is guaranteed or implied.

### **CONFIRMED SCOPE**

Size (Inch)	Length of Hose Segments (No.)				Total Length (Feet)
	500 Ft	250 Ft	100 Ft	50 Ft	
12	12	4	8	4	8,000

Description	Unit of Measure	Estimated Quantity	Unit Cost	Extended Cost
Confirmed Scope (testing and all required deliverables/reports)	EA		\$	\$
<b>TOTAL COST</b>				\$

**OPTIONAL SCOPE 1**

Size (Inch)	Length of Hose Segments (No.)				Total Length (Feet)
	500 Ft	250 Ft	100 Ft	50 Ft	
6	3	5	4	3	3,350
12	3	2	-	3	2,150

**OPTIONAL SCOPE 2**

Size (Inch)	Length of Hose Segments (No.)				Total Length (Feet)
	500 Ft	250 Ft	100 Ft	50 Ft	
12	3	3	6	3	3,000

Description	Unit of Measure	Estimated Quantity	Unit Cost	Extended Cost
Optional Scope 1 (testing and all required deliverables/reports)	EA		\$	\$
Optional Scope 2 (testing and all required deliverables/reports)	EA		\$	\$
<b>TOTAL COST</b>				\$



## REQUIRED DOCUMENTATION AND SUBMITTALS

All of the specific documentation listed below is required to be submitted with the Exhibit A – RFP Response Packet. Proposers shall submit all documentation, in the order listed below, and clearly label each section of the RFP response with the appropriate title (i.e., Table of Contents, Letter of Transmittal, Key Personnel, etc.).

1. **Letter of Transmittal**: RFP response shall include a description of the Proposer's capabilities and approach in providing its services to the District, and provide a brief synopsis of the highlights of the RFP response and overall benefits to the District. This synopsis should not exceed three (3) pages in length and should be easily understood.
2. **Key Personnel**: RFP response shall include a complete list of all key personnel associated with the RFP. This list must include all key personnel who will provide services/training to District staff and all key personnel who will provide maintenance and support services. For each person on the list, the following information shall be included:
  - (a) The person's relationship with the Proposer, including job title and years of employment with the Proposer;
  - (b) The role that the person will play in connection with the RFP;
  - (c) The person's telephone number, fax number, and e-mail address;
  - (d) The person's educational background; and
  - (e) The person's relevant experience, certifications, and/or merits
3. **Description of the Proposed Equipment/System**: RFP response shall include a description of the proposed asset identification tags, as it will be finally configured during the term of the contract. The description shall specify how the proposed asset identification tags will meet or exceed the requirements of the District and shall explain any advantages that this proposed asset identification tags would have over other possible equipment/systems. The description shall include any disadvantages or limitations that the District should be aware of in evaluating the RFP response. Finally, the description shall describe all product warranties provided by the Proposer.
4. **References**: References MUST demonstrate the successful completion of hose testing services of the same quality and manner as that which is described in this RFP.
  - (a) Proposers must use the templates in the "References" section of this Exhibit A – RFP Response Packet to provide references.
  - (b) References should have similar scope, volume, and requirements to those outlined in these specifications, terms, and conditions.

- Proposers must verify the contact information for all references provided is current and valid.
- Proposers are strongly encouraged to notify all references that the District may be contacting them to obtain a reference.

(c) The District may contact some or all of the references provided in order to determine Proposer's performance record on work similar to that described in this RFP. The District reserves the right to contact references other than those provided in the RFP response and to use the information gained from them in the evaluation process.

5. **Exceptions, Clarifications, Amendments:**

- (a) The RFP response shall include a separate section calling out all clarifications, exceptions, and amendments, if any, to the RFP and associated RFP documents, which shall be submitted with the proposer's RFP response using the template in the "Exceptions, Clarifications, Amendments" section of this Exhibit A – RFP Response Packet.
- (b) **THE DISTRICT IS UNDER NO OBLIGATION TO ACCEPT ANY EXCEPTIONS, AND SUCH EXCEPTIONS MAY BE A BASIS FOR RFP RESPONSE DISQUALIFICATION.**

6. **Contract Equity Program:**

- (a) Every proposer must fill out, sign, and submit the appropriate sections of the Contract Equity Program and Equal Employment Opportunity documents located at the hyperlink contained in the last page of this Exhibit A. Special attention should be given to completing Form P-25, "Employment Data and Certification". Any proposer needing assistance in completing these forms should contact the District's Contract Equity Office at (510) 287-0114 prior to submitting an RFP response.



## REFERENCES

### RFP No. 795-26-01 For Emergency Bypass Hose Testing and Certification

Proposer Name: \_\_\_\_\_

**Proposer must provide a minimum of three (3) references.**

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	

Company Name:	Contact Person:
Address:	Telephone Number:
City, State, Zip:	E-mail Address:
Services Provided / Date(s) of Service:	



## **EXCEPTIONS, CLARIFICATIONS, AMENDMENTS**

RFP No. 795-26-01 For Emergency Bypass Hose Testing and Certification

**Proposer Name:** \_\_\_\_\_

List below requests for clarifications, exceptions, and amendments, if any, to the RFP and associated RFP documents, and submit with your RFP response.

The District is under no obligation to accept any exceptions and such exceptions may be a basis for RFP response disqualification.

\*Print additional pages as necessary



## CONTRACT EQUITY PROGRAM & EQUAL EMPLOYMENT OPPORTUNITY

The District's Board of Directors adopted the Contract Equity Program (CEP) to enhance equal opportunities for business owners of all races, ethnicities, and genders who are interested in doing business with the District. The program has contracting objectives, serving as the minimum level of expected contract participation for the three availability groups: white-men owned businesses, white-women owned businesses, and ethnic minority owned businesses. The contracting objectives apply to all contracts that are determined to have subcontracting opportunities, and to all General or Professional Service Providers regardless of their race, gender, or ethnicity.

All Contractors and their subcontractors performing work for the District must be Equal Employment Opportunity (EEO) employers and shall be bound by all laws prohibiting discrimination in employment. There shall be no discrimination against any person, or group of persons, on account of race, color, religion, creed, national origin, ancestry, gender including gender identity or expression, age, marital or domestic partnership status, mental disability, physical disability (including HIV and AIDS), medical condition (including genetic characteristics or cancer), genetic information, or sexual orientation.

**Contractor and its subcontractors shall abide by the requirements of 41 CFR §§ 60-1.4(a), 60-300.5(a) and 60-741.5(a). These regulations prohibit discrimination against qualified individuals based on their status as protected veterans or individuals with disabilities and prohibit discrimination against all individuals based on their race, color, religion, sex, sexual orientation, gender identity, or national origin in the performance of this contract. Moreover, these regulations require that covered prime contractors and subcontractors take affirmative action to employ and advance in employment individuals without regard to race, color, religion, sex, national origin, protected veteran status or disability.**

All Contractors shall include the nondiscrimination provisions above in all subcontracts.

Please include the required completed forms with your proposal. Non-compliance with the Guidelines may deem a proposal non-responsive, and therefore, ineligible for contract award. Your firm is responsible for:

- 1) Reading and understanding the CEP guidelines.
- 2) Filling out and submitting with your proposal the appropriate forms.

The CEP guidelines and forms can be downloaded from the District website at the following link:  
<https://www.ebmud.com/business-center/contract-equity-program>

If you have questions regarding the Contract Equity Program, please call (510) 287-0114.



## EXHIBIT B

### INSURANCE REQUIREMENTS

**CONTRACTOR/COMPANY NAME:** \_\_\_\_\_

PROPOSER shall take out and maintain during the life of the Agreement all insurance required and PROPOSER shall not commence work until such insurance has been approved by DISTRICT. The proof of insurance shall be on forms provided by DISTRICT directly following these Insurance Requirements.

PROPOSERS are not required to submit completed insurance verification documents with their bid but will be required to submit them upon notification of award. By signing Exhibit A – RFP Response Packet, the BIDDER agrees to meet the minimum insurance requirements stated in the RFP.

**The following provisions are applicable to all required insurance:**

- A. Prior to the beginning of and throughout the duration of Services, and for any additional period of time as specified below, CONTRACTOR shall, at its sole cost and expense, maintain insurance in conformance with the requirements set forth below.
- B. CONTRACTOR shall provide Verification of Insurance as required by this Agreement by providing the completed Verification of Insurance as requested below by signing and submitting Exhibit B (“Insurance Requirements”) to the DISTRICT. The Insurance Requirements may be signed by the insurance broker or the insurance broker’s agent (Insurance Broker/Agent) for the CONTRACTOR, or by an officer of the CONTRACTOR (Officer), or by the CONTRACTOR’s risk manager (Risk Manager). The Notice to Proceed shall not be issued, and CONTRACTOR shall not commence Services until a signed Verification of Insurance evidencing the specific coverages and limits required by this Agreement has been received by the DISTRICT.
- C. CONTRACTOR shall carry and maintain the minimum insurance requirements as defined in this Agreement. CONTRACTOR shall require any contractor/subcontractor to carry and maintain the minimum insurance required in this Agreement to the extent the insurance applies to the scope of the services to be performed by contractor/subcontractor.
- D. Receipt of a signed Verification of Insurance by the DISTRICT shall not relieve CONTRACTOR of any of the insurance requirements, nor decrease liability of CONTRACTOR.
- E. Insurance must be maintained, and an updated Verification of Insurance must be provided to the DISTRICT before the expiration of insurance by having the Insurance Broker/Agent, Officer, or Risk Manager update, sign and return the Insurance Requirements to the DISTRICT’s contract manager. The updated Insurance Requirements shall become a part of the Agreement but shall not require a change order to the Agreement. It is the CONTRACTOR’s sole responsibility to provide or to ensure that an updated Verification of Insurance is provided to the DISTRICT. The DISTRICT has no obligation to solicit, remind, prompt, request, seek, or otherwise obtain any updated Verification of Insurance, and any actual or alleged failure on the part of the DISTRICT to obtain any updated Verification of Insurance under this Agreement shall not in any way be construed to be a waiver of any right or remedy of the DISTRICT, in this or any regard.

- F. The insurance required hereunder may be obtained by a combination of primary, excess and/or umbrella insurance, and all coverages shall be at least as broad as the requirements listed in this Agreement.
- G. Any deductibles, self-insurance, or self-insured retentions (SIRs) applicable to the required insurance coverage must be declared to and accepted by the DISTRICT.
- H. At the option and request of the DISTRICT, CONTRACTOR shall provide documentation of its financial ability to pay the deductible, self-insurance, or SIR.
- I. CONTRACTOR is responsible for the payment of any deductibles or SIRs pertaining to the policies required under this Agreement. In the event CONTRACTOR is unable to pay the required SIR, CONTRACTOR agrees that such SIR may be satisfied, in whole or in part, by the DISTRICT as the additional insured at the DISTRICT's sole and absolute discretion, unless to do so would terminate or void the policy(ies).
- J. Unless otherwise accepted by the DISTRICT, all required insurance must be placed with insurers with a current A.M. Best's rating of no less than A- V.
- K. CONTRACTOR shall defend the DISTRICT and pay any damages as a result of failure to provide the waiver of subrogation from the insurance carrier required by this Agreement.
- L. For any coverage that is provided on a claims-made coverage form (which type of form is permitted only where specified), the retroactive date must be shown, must be before the date of this Agreement, and must be before the beginning of any Services related to this Agreement.
- M. For all claims-made policies the updated Verification of Insurance must be provided to the DISTRICT for at least three (3) years after expiration or termination of this Agreement.
- N. If claims-made coverage is canceled or is non-renewed and if the claims-made coverage is not replaced with another claims-made policy form with a retroactive date prior to the effective date of this Agreement and prior to the start of any Services related to this Agreement, CONTRACTOR must purchase an extended reporting period for a minimum of three (3) years after expiration or termination of the Agreement.
- O. In the event of a claim or suit, and upon request by the DISTRICT, CONTRACTOR agrees to provide a copy of the pertinent policy(ies) within 10 days of such request to the DISTRICT for review. Any actual or alleged failure on the part of the DISTRICT to request a copy of the pertinent policy(ies) shall not in any way be construed to be a waiver of any right or remedy of the DISTRICT, in this or any regard. Additionally, the DISTRICT may, at any time during CONTRACTOR's performance under this Agreement, request a copy of the Declarations pages and Schedule of Forms and Endorsements of any policy required to be maintained by CONTRACTOR hereunder, whether or not a suit or claim has been filed. Premium details may be redacted from any such documents requested.
- P. The defense and indemnification obligations of this Agreement are undertaken in addition to, and shall not in any way be limited by, the insurance obligations contained herein.
- Q. Where additional insured coverage is required, the additional insured coverage shall be primary and non-contributory and will not seek contribution from the DISTRICT's insurance or self-insurance.

- R. CONTRACTOR agrees to provide immediate Notice to the DISTRICT of any loss or claim against CONTRACTOR arising out of, pertaining to, or in any way relating to this Agreement or to Services performed under this Agreement. The DISTRICT assumes no obligation or liability by such Notice but has the right (but not the duty) to monitor the handling of any such claim(s) if the claim(s) is likely to involve the DISTRICT.
- S. It is the obligation of the CONTRACTOR to ensure all contractors/subcontractors performing services under this Agreement maintain the necessary coverages and limits. CONTRACTOR shall ensure that all contractors/subcontractors agree to the same indemnity obligation that CONTRACTOR agrees to in this Agreement based on the nature and scope of services being performed by each contractor/subcontractor. CONTRACTOR shall require that each contractor/subcontractor include the DISTRICT, its directors, officers, and employees as additional insureds on its liability policy(ies) (excepting Professional Liability and Workers' Compensation) for all ongoing and completed operations with coverage as broad as required of CONTRACTOR under this Agreement. Failure or inability to secure fully adequate insurance shall in no way relieve the CONTRACTOR or all contractors/subcontractors of the responsibility for its own acts or the acts of any contractors/subcontractors or any employees or agents of either. All contractors/subcontractors are to waive subrogation against the DISTRICT on all policies. CONTRACTOR shall be responsible for maintaining records evidencing contractors'/subcontractors' compliance with the necessary insurance coverages and limits, and such records shall be made available to the DISTRICT within 10 days upon request.
- T. It is CONTRACTOR's responsibility to ensure its compliance with the insurance requirements. Any actual or alleged failure on the part of the DISTRICT to obtain proof of insurance required under this Agreement shall not in any way be construed to be a waiver of any right or remedy of the DISTRICT, in this or any regard.
- U. Notice of Cancellation/Non-Renewal/Material Reduction. The insurance requirements hereunder are mandatory, and the DISTRICT may, at its sole and absolute discretion, terminate the services provided by CONTRACTOR, should CONTRACTOR breach its obligations to maintain the required coverage and limits set forth in this Agreement. No coverage required hereunder shall be cancelled, non-renewed or materially reduced in coverage or limits without the DISTRICT being provided at least thirty (30) days prior written notice, other than cancellation for the non-payment of premiums, in which event the DISTRICT shall be provided ten (10) days prior written notice. Replacement of coverage with another policy or insurer, without any lapse in coverage or any reduction of the stated requirements does not require notice beyond submission to the DISTRICT of an updated Verification of Insurance which shall be met by having the Insurance Broker/ Agent, or Officer, or Risk Manager update, sign and return the Insurance Requirements.

## **I. Workers' Compensation and Employer's Liability Insurance Coverage**

- A. Workers' Compensation insurance including Employer's Liability insurance with minimum limits as follows:
  - Coverage A. Statutory Benefits Limits
  - Coverage B. Employer's Liability of not less than:
 

Bodily Injury by accident:	\$1,000,000 each accident
Bodily Injury by disease:	\$1,000,000 each employee
Bodily Injury by disease:	\$1,000,000 policy limit

- B. If there is an onsite exposure of injury to CONTRACTOR, and/or contractor/subcontractor's employees under the U.S. Longshore and Harbor Workers' Compensation Act, the Jones Act, or under laws, regulations or statutes applicable to maritime employees, coverage is required for such injuries or claims.
- C. If CONTRACTOR is exempt from carrying Workers' Compensation Insurance, CONTRACTOR must return the completed Verification of Insurance confirming that CONTRACTOR has no employees and is exempt from the State of California Workers' Compensation requirements.
- D. If CONTRACTOR is self-insured with respect to Workers' Compensation coverage, CONTRACTOR shall provide to the DISTRICT a Certificate of Consent to Self-Insure from the California Department of Industrial Relations. Such self-insurance shall meet the minimum limit requirements and shall waive subrogation rights in favor of the DISTRICT as stated below in section "E."
- E. Waiver of Subrogation. Workers' Compensation policies, including any applicable excess and umbrella insurance, must contain a waiver of subrogation endorsement providing that CONTRACTOR and each insurer waive any and all rights of recovery by subrogation, or otherwise, against the DISTRICT, its directors, board, and committee members, officers, officials, employees, agents, and volunteers. CONTRACTOR shall defend and pay any and all damages, fees, and costs, of any kind arising out of, pertaining to, or in any way relating to CONTRACTOR's failure to provide waiver of subrogation from the insurance carrier.

#### **Verification of Workers' Compensation and Employer's Liability Insurance Coverage**

By checking the box and signing below, I hereby verify that the CONTRACTOR is exempt from the State of California's requirement to carry Workers' Compensation insurance.

As the CONTRACTOR's Insurance Broker/Agent, Officer, or Risk Manager, I hereby verify that I have reviewed and confirmed that the CONTRACTOR carries Workers' Compensation insurance as required by this Agreement, including the relevant provisions applicable to all required insurance.

**Self-Insured Retention: Amount: \$** \_\_\_\_\_

**Policy Limit: \$** \_\_\_\_\_

**Policy Number:** \_\_\_\_\_

**Policy Period: from** \_\_\_\_\_ **to** \_\_\_\_\_

**Insurance Carrier Name:** \_\_\_\_\_

**Insurance Broker/Agent or Officer or Risk Manager - Print Name:** \_\_\_\_\_

**Insurance Broker/Agent or Officer or Risk Manager's Signature:** \_\_\_\_\_

## **II. Commercial General Liability Insurance (“CGL”) Coverage**

- A. CONTRACTOR's insurance shall be primary, and any insurance or self-insurance procured or maintained by the DISTRICT shall not be required to contribute to it.
- B. The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of the CONTRACTOR.
- C. Minimum Requirements. CGL insurance with minimum per occurrence and aggregate limits as follows:

Bodily Injury and Property Damage	\$2,000,000 per occurrence & aggregate
Personal Injury/Advertising Injury	\$2,000,000 per occurrence & aggregate
Products/Completed Operations	\$2,000,000 per occurrence & aggregate
- D. Coverage must be on an occurrence basis and be as broad as Insurance Services Office (ISO) form CG 00 01.
- E. Coverage for Products, and Completed Operations, and Ongoing Operations must be included in the insurance policies and shall not contain any “prior work” coverage limitation or exclusion applicable to any Services performed by CONTRACTOR and/or contractor/subcontractor under this Agreement.
- F. There will be no exclusion for explosions, collapse, or underground liability (XCU).
- G. Insurance policies and Additional Insured Endorsement(s) shall not exclude liability and damages to work arising out of, pertaining to, or in any way relating to services performed by contractor/subcontractor on CONTRACTOR's behalf.
- H. Contractual liability coverage shall be included and shall not limit, by any modification or endorsement, coverage for liabilities assumed by CONTRACTOR under this Agreement as an “insured contract.”
- I. Waiver of Subrogation. The policy shall be endorsed to include a Waiver of Subrogation ensuring that the CONTRACTOR and its insurer(s) waive any rights of recovery by subrogation, or otherwise, against the DISTRICT, its directors, board, and committee members, officers, officials, agents, volunteers, and employees. CONTRACTOR shall defend and pay any and all damages, fees, and costs, of any kind, arising out of, pertaining to, or in any way resulting from CONTRACTOR's failure to provide the waiver of subrogation from its insurance carrier(s).
- J. Independent Contractor's Liability shall not limit coverage for liability and/or damages arising out of, pertaining to, or in any way resulting from Services provided under this Agreement.
- K. To the fullest extent permitted by law, the DISTRICT, its directors, board, and committee members, officers, officials, employees, agents, and volunteers must be covered as Additional Insureds on a primary and noncontributory basis on all underlying, excess and umbrella policies that shall be evidenced in each case by an endorsement. Coverage for the Additional Insureds must be as broad as ISO forms CG 20 10 (ongoing operations) and CG 20 37 (completed

operations) for liability arising in whole, or in part, from work performed by or on behalf of CONTRACTOR, or in any way related to Services performed under this Agreement.

L. A severability of interest provision must apply for all the Additional Insureds, ensuring that CONTRACTOR's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the policies' limit(s).

### **Verification of Commercial General Liability (CGL) Insurance Coverage**

**As the CONTRACTOR'S Insurance Broker/Agent, Officer, or Risk Manager, I hereby verify that I have reviewed and confirmed that the CONTRACTOR carries Commercial General Liability insurance, as required by this Agreement, including the relevant provisions applicable to all required insurance:**

**Self-Insured Retention: Amount: \$ \_\_\_\_\_**

**Policy Limit: \$ \_\_\_\_\_**

**Policy Number: \_\_\_\_\_**

**Policy Period: from \_\_\_\_\_ to \_\_\_\_\_**

**Insurance Carrier Name: \_\_\_\_\_**

**Insurance Broker/Agent or Officer or Risk Manager - Print Name: \_\_\_\_\_**

**Insurance Broker/Agent or Officer or Risk Manager's Signature: \_\_\_\_\_**

### **III. Business Auto Liability Insurance Coverage**

A. CONTRACTOR's insurance shall be primary, and any insurance or self-insurance procured or maintained by the DISTRICT shall not be required to contribute to it.

B. The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of the CONTRACTOR.

C. Minimum Requirements. Auto insurance with minimum coverage and limits as follows:  
Each Occurrence Limit (per accident) and in the Aggregate: \$2,000,000  
Bodily Injury and Property Damage: \$2,000,000

D. Coverage must include either "owned, non-owned, and hired" autos or "any" automobile. This provision ensures the policy covers losses arising out of use of company-owned vehicles ("owned autos"), employee's personal autos ("non-owned autos" meaning not owned by company/insured) or autos that are rented or leased ("hired autos").

- E. If CONTRACTOR is transporting hazardous materials or contaminants, evidence of the Motor Carrier Act Endorsement-hazardous materials clean-up (MCS-90, or its equivalent) must be provided.
- F. If CONTRACTOR's Scope of Services under this Agreement exposes a potential pollution liability risk related to transport of potential pollutants, seepage, release, escape or discharge of any nature (threatened or actual) of pollutants into the environment arising out of, pertaining to, or in any way related to CONTRACTOR's and/or contractor's/subcontractor's performance under this Agreement, then Auto Liability Insurance policies must be endorsed to include Transportation Pollution Liability insurance. Alternatively, coverage may be provided under the CONTRACTOR's Pollution Liability Policies if such policy has no exclusions that would restrict coverage under this Agreement. Coverage shall also include leakage of fuel or other "pollutants" needed for the normal functioning of covered autos.
- G. To the fullest extent permitted by law, the DISTRICT, its directors, board, and committee members, officers, officials, employees, agents, and volunteers must be covered as Additional Insureds on a primary and noncontributory basis on all underlying and excess and umbrella policies.
- H. A severability of interest provision must apply for all the Additional Insureds, ensuring that CONTRACTOR's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the insurer's limits of liability.

**Verification of Business Auto Liability Insurance Coverage**

**As the CONTRACTOR'S Insurance Broker/Agent, Officer, or Risk Manager, I hereby verify that I have reviewed and confirmed that the CONTRACTOR carries Business Automobile Liability insurance, as required by this Agreement, including the relevant provisions applicable to all required insurance:**

**Self-Insured Retention: Amount: \$ \_\_\_\_\_**

**Policy Limit: \$ \_\_\_\_\_**

**Policy Number: \_\_\_\_\_**

**Policy Period: from \_\_\_\_\_ to \_\_\_\_\_**

**Insurance Carrier Name: \_\_\_\_\_**

**Insurance Broker/Agent or Officer or Risk Manager – Print Name: \_\_\_\_\_**

**Insurance Broker/Agent or Officer or Risk Manager's Signature: \_\_\_\_\_**

**IV. Professional Liability (also known as Errors and Omissions) Insurance Coverage**

- A. The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum

insurance requirements of this Agreement are sufficient to cover the obligations of the CONTRACTOR.

B. Minimum Requirements: Professional Liability Insurance with minimum limits as follows:

Each Claim: \$2,000,000  
Aggregate Limit: \$2,000,000

If Coverage is written on a claims-made form, the following shall apply:

1. The retroactive date must be shown and must be before the date of the Agreement or the beginning of the Services.
2. Insurance must be maintained, and evidence of insurance must be provided for a minimum of three (3) years after completion of the Services.
3. If claims-made coverage is canceled or non-renewed, and not replaced with another claims-made policies form with a retroactive date prior to the effective date of the Agreement, CONTRACTOR must purchase an extended reporting period for a minimum of three (3) years after completion of the Services.

C. Insurance shall include prior acts coverage sufficient to cover the services under this Agreement.

**Verification of Professional Liability (Errors and Omissions) Insurance Coverage**

As the CONTRACTOR'S Insurance Broker/Agent, Officer, or Risk Manager, I hereby verify that I have reviewed and confirmed that the CONTRACTOR carries Professional Liability insurance as required by this Agreement, including the relevant provisions applicable to all required insurance.

**Self-Insured Retention: Amount: \$ \_\_\_\_\_**

**Policy Limit: \$ \_\_\_\_\_**

**Policy Number: \_\_\_\_\_**

**Policy Period: from \_\_\_\_\_ to \_\_\_\_\_**

**Insurance Carrier Name: \_\_\_\_\_**

**Insurance Broker/Agent or Officer or Risk Manager- Print Name: \_\_\_\_\_**

**Insurance Broker/Agent or Officer or Risk Manager's Signature: \_\_\_\_\_**

**V. Pollution Liability Insurance Coverage**

- A. CONTRACTOR's insurance shall be primary, and any insurance or self-insurance procured or maintained by the DISTRICT shall not be required to contribute to it.
- B. The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum

insurance requirements of this Agreement are sufficient to cover the obligations of the CONTRACTOR.

C. Minimum Requirements: Pollution Liability Insurance with minimum limits, as follows:

Each Claim or Occurrence Limit:	\$2,000,000
Aggregate Limit:	\$2,000,000

D. Coverage must be included for bodily injury and property damage, including coverage for loss of use and/or diminution in property value, and for clean-up costs arising out of, pertaining to, or in any way related to the actual, alleged or threatened discharge, dispersal, seepage, migration, release or escape of contaminants or pollutants, arising out of, pertaining to, or in any way resulting from any Services performed by CONTRACTOR under this Agreement; including any transportation of hazardous wastes, hazardous materials, or contaminants.

E. If Coverage is written on a claims-made form, the following shall apply:

1. The retroactive date must be shown and must be before the date of the Agreement or the beginning of the Services.
2. Insurance must be maintained, and evidence of insurance must be provided for a minimum of three (3) years after completion of the Services.
3. If coverage is canceled or non-renewed and not replaced with another claims-made policy form with a retroactive date prior to the effective date of the Agreement, CONTRACTOR must purchase an extended reporting period for a minimum of three (3) years after completion of the Services.

F. Insurance written on a claims-made basis shall include prior acts coverage sufficient to cover the services provided by CONTRACTOR under this Agreement.

**Verification of Pollution Liability Insurance Coverage**

**As the CONTRACTOR'S Insurance Broker/Agent, Officer, or Risk Manager, I hereby verify that I have reviewed and confirmed that the CONTRACTOR carries Pollution Liability insurance, as required by this Agreement, including the relevant provisions applicable to all required insurance.**

**Self-Insured Retention: Amount: \$ \_\_\_\_\_**

**Policy Limit: \$ \_\_\_\_\_**

**Policy Number: \_\_\_\_\_**

**Policy Period: from \_\_\_\_\_ to \_\_\_\_\_**

**Insurance Carrier Name: \_\_\_\_\_**

**Insurance Broker/Agent or Officer or Risk Manager - Print Name: \_\_\_\_\_**

**Insurance Broker/Agent or Officer or Risk Manager's Signature: \_\_\_\_\_**

## **VI. Excess and/or Umbrella Liability Insurance Coverage (Optional – See Paragraph A below)**

- A. The insurance requirements set forth above may be satisfied by a combination of primary and excess or umbrella policies. Where excess or umbrella policies are used the following shall apply:
  - B. CONTRACTOR's insurance shall be primary, and any insurance or self-insurance procured or maintained by the DISTRICT shall not be required to contribute to it.
  - C. The insurance requirements under this Agreement shall be the greater of (1) the minimum coverage and limits specified in this Agreement; or (2) the broader coverage and maximum limits of coverage of any insurance policies or proceeds available to the Named Insured. It is agreed that these insurance requirements shall not in any way act to reduce coverage that is broader or that includes higher limits than the minimums required herein. No representation is made that the minimum insurance requirements of this Agreement are sufficient to cover the obligations of the CONTRACTOR.
  - D. Minimum Requirements: It is expressly understood by the parties that CONTRACTOR's Excess and/or Umbrella Liability policies shall, at minimum, comply with all insurance requirements set forth within this Agreement, and shall be at least as broad as coverage required of the underlying policies required herein.
    1. Coverage for Products, Completed Operations, and Ongoing Operations must be included in the insurance policies and shall not contain any "prior work" coverage limitation or exclusion applicable to any Services performed under this Agreement and, if it is a claims-made policy, it must be maintained for a minimum of three (3) years following final completion of the Services.
    2. There will be no exclusion for explosions, collapse, or underground damage (XCU).
    3. Insurance policies and Additional Insured Endorsements shall not exclude coverage for liability and damages from services performed by contractor/subcontractor on CONTRACTOR's behalf.
    4. Contractual liability coverage shall be included and shall not limit, by any modification or endorsement, coverage for liabilities assumed by CONTRACTOR under this Agreement as an "insured contract."
    5. Independent Contractor's Liability shall not limit coverage for liability and/or damage arising out of, pertaining to, or in any way related to Services provided under this Agreement.
    6. To the fullest extent permitted by law, the DISTRICT, its directors, officers, officials, agents, volunteers, and employees must be covered as Additional Insureds on a primary and noncontributory basis on all excess and umbrella policies. The Additional Insureds must be covered for liability arising in whole or in part from any premises, Products, Ongoing Operations, and Completed Operations by or on behalf of CONTRACTOR, in any way related to Services performed under this Agreement.
    7. A severability of interest provision must apply for all the Additional Insureds, ensuring that the CONTRACTOR's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the policy's limits.
    8. CONTRACTOR and its excess and/or umbrella Liability insurance coverage must waive any rights of subrogation against the DISTRICT, its directors, officers, officials, employees, agents,

and volunteers, and CONTRACTOR shall defend and pay any damages as a result of failure to provide the waiver of subrogation from the insurance carrier(s).

**Verification of Excess and/or Umbrella Liability Insurance Coverage**

**As the CONTRACTOR'S Insurance Broker/Agent, Officer, or Risk Manager, I hereby verify that I have reviewed and confirmed that the CONTRACTOR carries Excess and/or Umbrella Liability insurance, as required by this Agreement, including the relevant provisions applicable to all required insurance.**

**Excess/Umbrella Limits: Amount \$** \_\_\_\_\_

**Policy Limit: \$** \_\_\_\_\_

**Policy Number:** \_\_\_\_\_

**Policy Period from** \_\_\_\_\_ **to** \_\_\_\_\_

**Insurance Carrier Name:** \_\_\_\_\_

**Underlying Policy(ies) listed above to which Excess/Umbrella applies:** \_\_\_\_\_

**Insurance Broker/Agent or Officer or Risk Manager - Print Name:** \_\_\_\_\_

**Insurance Broker/Agent or Officer or Risk Manager's Signature:** \_\_\_\_\_

## **EXHIBIT C**

### **GENERAL REQUIREMENTS**

# GENERAL REQUIREMENTS

Effective: June 9, 2021

Supersedes: September 1, 2020

## CONTENTS

- 1. DEFINITIONS**
- 2. BOND**
- 3. CONTRACTOR'S FINANCIAL OBLIGATION**
- 4. SAMPLES OR SPECIMENS**
- 5. MATERIAL AND WORKMANSHIP**
- 6. DEFECTIVE WORK**
- 7. WARRANTY**
- 8. Not Used**
- 9. SAFETY AND ACCIDENT PREVENTION**
- 10. CHARACTER OF WORKFORCE**
- 11. PREVAILING WAGES & DIR REGISTRATION**
- 12. PAYROLL RECORDS & ELECTRONIC SUBMISSION**
- 13. HOURS OF LABOR**
- 14. EMPLOYMENT OF APPRENTICES**
- 15. CHANGES**
- 16. EFFECT OF EXTENSIONS OF TIME**
- 17. DELAYS**
- 18. TERMINATION**
- 19. DAMAGES**
- 20. ORDER OF PRECEDENCE**
- 21. INDEMNIFICATION**
- 22. PROHIBITION OF ASSIGNMENT**
- 23. NEWS RELEASES**
- 24. SEVERABILITY**
- 25. COVENANT AGAINST GRATUITIES**
- 26. RIGHTS AND REMEDIES OF THE DISTRICT**
- 27. WAIVER OF RIGHTS**
- 28. CONFIDENTIALITY**

### **1. DEFINITIONS**

The following terms shall be given the meaning shown, unless context requires otherwise, or a unique meaning is otherwise specified.

- a. **“Change Order”** A Change Order is a written instrument used for modifying the contract with regards to the scope of Work, contract sum, and/or Contract Time. An approved Change Order is a Change Order signed by the District. An executed Change Order is a Change Order signed by both the District and the Contractor.
- b. **“Contract”** means the agreement between the District and Contractor as memorialized in the Contract Documents.

- c. **“Business Entity”** means any individual, business, partnership, joint venture, corporation, sole proprietorship, or other private legal entity recognized by statute.
- d. **“Buyer”** means the District’s authorized contracting official.
- e. **“Contract Documents”** comprise the entire agreement between the District and the Contractor and can include the District’s contract form if used, any purchase order, RFP, RFQ or Contractor response packet, and any addenda, appendices and District approved changes or amendments. The Contract Documents are intended to be complementary and include all items necessary for the Contractor’s proper execution and completion of the Work. Any part of the Work not shown or mentioned in the Contract Documents that is reasonably implied or is necessary or usual for proper performance of the Work, shall be provided by the Contractor at its expense.
- f. **“Contractor”** means the Business Entity with whom the District enters into a contractual agreement. Contractor shall be synonymous with “supplier”, “vendor”, “consultant” or other similar term.
- g. **“Day”** unless otherwise specified, days are calendar days, measured from midnight to the next midnight.
- h. **“District”** means the East Bay Municipal Utility District, its employees acting within the scope of their authority, and its authorized representatives.
- i. **“Goods”** means off the shelf software and all types of tangible personal property, including but not limited to materials, supplies, and equipment.
- j. **“Project Manager”** shall be the District designated individual responsible for administering and interpreting the terms and conditions of the Contract Documents, for matters relating to the Contractor’s performance under the Contract with the District, and for liaison and coordination between the District and Contractor.
- k. **“Work”** means all labor, tasks, materials, supplies, and equipment required to properly fulfill the Contractor’s obligations as required in the Contract Documents.
- l. **“Work Day”** Unless otherwise specified, work day includes all days of the year except Saturdays, Sundays and District holidays.

## 2. BOND

- a. When required in the District’s bid or proposal solicitation documents, the Contractor to whom award is made shall furnish a good and approved faithful performance bond and/or payment bond within ten business days after receiving the forms for execution.
- b. The bonds shall be executed by a sufficient, admitted surety insurer (i.e.: as listed on website <https://www.cslb.ca.gov/OnlineServices/InsuranceSearch/INSRequest.aspx>) admitted to transact such business in California by the California Department of Insurance. After acceptance of the bond(s) by the District, a copy of the bond(s) will be returned to the Contractor.
- c. If, during the continuance of the Contract, any of the sureties, in the opinion of the District, are or become irresponsible, the District may require other or additional sureties, which the Contractor shall furnish to the satisfaction of the District within ten

days after notice. If the Contractor fails to provide satisfactory sureties within the ten-day period, the Contract may be terminated for cause under Article 18.

### **3. CONTRACTOR'S FINANCIAL OBLIGATION**

The Contractor shall promptly make payments to all persons supplying labor and materials used in the execution of the contract.

### **4. SAMPLES OR SPECIMENS**

The Contractor shall submit samples or prepare test specimens of such materials to be furnished or used in the work as the Project Manager may require.

### **5. MATERIAL AND WORKMANSHIP**

- a. All goods and materials must be new and of the specified quality and equal to approved sample, if samples have been required. In the event any goods or materials furnished, or services provided by the Contractor in the performance of the Contract fail to conform to the requirements, or to the sample submitted by the Contractor, the District may reject the same, and it shall become the duty of the Contractor to reclaim and remove the item promptly or to correct the performance of services, without expense to the District, and immediately replace all such rejected items with others conforming to the Contract. All work shall be done and completed in a thorough, workmanlike manner, notwithstanding any omission from these specifications or the drawings, and it shall be the duty of the Contractor to call attention to apparent errors or omissions and request instructions before proceeding with the work. The Project Manager may, by appropriate instructions, correct errors and supply omissions, which instructions shall be binding upon the Contractor as though contained in the original Contract Documents.
- b. All materials furnished and all Work must be satisfactory to the Project Manager. Work, material, or machinery not in accordance with the Contract Documents, in the opinion of the Project Manager, shall be made to conform.

### **6. DEFECTIVE WORK**

The Contractor shall replace at its own expense any part of the work that has been improperly executed, as determined by the Project Manager. If Contractor refuses or neglects to replace such defective work, it may be replaced by the District at the expense of the Contractor, and its sureties shall be liable therefor.

### **7. WARRANTY**

Contractor expressly warrants that all goods furnished will conform strictly with the specifications and requirements contained herein and with all approved submittals, samples and/or models and information contained or referenced therein, all affirmations of fact or promises, and will be new, of merchantable quality, free from defects in materials and workmanship, including but not limited to leaks, breaks, penetrations, imperfections, corrosion, deterioration, or other kinds of product deficiencies. Contractor expressly warrants that all goods to be furnished will be fit and sufficient for the purpose(s) intended. Contractor expressly warrants that all goods shall be delivered free from any security interest, lien or encumbrance of any kind, and free from any claim of infringement, copyright or other intellectual property violation, or other violation of laws, statutes, regulations, ordinances, rules, treaties, import

restrictions, embargoes or other legal requirements. Contractor guarantees all products and services against faulty or inadequate design, manufacture, negligent or improper transport, handling, assembly, installation or testing, and further guarantees that there shall be strict compliance with all manufacturer guidelines, recommendations, and requirements, and that Contractor guarantees that it will conform to all requirements necessary to keep all manufacturer warranties and guarantees in full force and effect. These warranties and guarantees are inclusive of all parts, labor and equipment necessary to achieve strict conformance, and shall take precedence over any conflicting warranty or guarantee. These warranties and guarantees shall not be affected, limited, discharged or waived by any examination, inspection, delivery, acceptance, payment, course of dealing, course of performance, usage of trade, or termination for any reason and to any extent. In the absence of any conflicting language as to duration, which conflicting language will take precedence as being more specific, Contractor's aforesaid warranties and guarantees shall be in full force and effect for a period of one year from the date of acceptance by the District but shall continue in full force and effect following notice from District of any warranty or guarantee issue, until such issue has been fully resolved to the satisfaction of District.

**8. NOT USED**

**9. SAFETY AND ACCIDENT PREVENTION**

In performing work under the Contract on District premises, Contractor shall conform to any specific safety requirements contained in the Contract or as required by law or regulation. Contractor shall take any additional precautions as the District may reasonably require for safety and accident prevention purposes. Any violation of such rules and requirements, unless promptly corrected, shall be grounds for termination of this Contract or Contractor's right to proceed in accordance with the default provisions of the Contract Documents.

**10. CHARACTER OF WORKFORCE**

The Contractor shall employ none but skilled competent qualified personnel to perform the Work and shall maintain discipline and order in the conduct of the Work at all times.

**11. PREVAILING WAGES & DIR REGISTRATION**

- a. Please see [www.dir.ca.gov](http://www.dir.ca.gov) for further information regarding the below.
- b. All Contractors and Subcontractors of any tier bidding on or offering to perform work on a public works project shall first be registered with the State Department of Industrial Relations (DIR) pursuant to Section 1725.5 of the Labor Code. No bid will be accepted, nor any contract entered into without proof of the Contractor and Subcontractors' current registration with the DIR (LC § 1771.1).
- c. All public works projects awarded after January 1, 2015, are subject to compliance monitoring and enforcement by the DIR (LC § 1771.4) and all Contractors are required
- d. to post job site notices, "as prescribed by regulation" (LC § 1771.4).
- e. To the extent applicable, pursuant to Section 1773 of the Labor Code, the District has obtained from the Director of Industrial Relations of the State of California, the general prevailing rates of per diem wages and the general prevailing rates for holiday and overtime work in the locality in which the Work is to be performed, for each craft, classification, or type of worker needed to execute the contract. Pursuant to Section

1773.2 of the Labor Code, a copy of the prevailing wage rates is on file with the District and available for inspection by any interested party at [www.dir.ca.gov](http://www.dir.ca.gov).

- f. The holidays upon which such rates shall be paid shall be all holidays recognized in the collective bargaining agreement applicable to the particular craft, classification, or type of worker employed on the Work.
- g. The Contractor shall post a copy of the general prevailing rate of per diem wages at the jobsite pursuant to Section 1773.2 of the Labor Code.
- h. Pursuant to Section 1774 of the Labor Code, the Contractor and any of its Subcontractors shall not pay less than the specified prevailing rate of wages to all workers employed in the execution of the contract.
- i. As set forth with more specificity in Section 1773.1 of the Labor Code, "per diem" wages include employer payments for health and welfare, pension, vacation, travel, subsistence and, in certain instances, apprenticeship or other training programs, and shall be paid at the rate and in the amount spelled out in the pertinent prevailing wage determinations issued by the Director of Industrial Relations.
- j. The Contractor shall, as a penalty to the State or the District, forfeit not more than the maximum set forth in Section 1775 of the Labor Code for each calendar day, or portion thereof, for each worker paid less than the prevailing rates for the work or craft in which the worker is employed under the contract by the Contractor or by any Subcontractor under him. The difference between the prevailing wage rates and the amount paid to each worker for each calendar day or portion thereof for which such worker was paid less than the stipulated prevailing wage rate shall be paid to such worker by the Contractor.
- k. The specified wage rates are minimum rates only and the District will not consider and shall not be liable for any claims for additional compensation made by the Contractor because of its payment of any wage rate in excess of the general prevailing rates. All disputes in regard to the payment of wages in excess of those specified herein shall be adjusted by the Contractor at its own expense.
- l. General prevailing wage determinations have expiration dates with either a single asterisk or a double asterisk. Pursuant to California Code of Regulations, Title 8, Section 16204, the single asterisk means that the general prevailing wage determination shall be in effect for the specified contract duration. The double asterisk means that the predetermined wage modification shall be paid after the expiration date. No adjustment in the Contract Sum will be made for the Contractor's payment of these predetermined wage modifications.

## **12. PAYROLL RECORDS & ELECTRONIC SUBMISSION**

If prevailing wages apply, Contractor and each Subcontractor, as appropriate, shall comply with the following:

- a. Contractor and each Subcontractor shall keep an accurate payroll record, showing the name, address, social security number, work classification, straight time and overtime hours worked each day and week, and the actual per diem wages paid to each journeyman, apprentice, worker or other employee employed in connection with the

Work. The payroll records shall be certified and shall be available for inspection in accordance with the provisions of Section 1776 of the Labor Code. Certified payroll records shall be on the forms provided by the DIR or contain the same information required on the Department's form.

- b. The Contractor shall submit for each week in which any contract Work is performed a copy of all payroll records to the Project Manager. The Contractor shall be responsible for submission of copies of payroll records of all Subcontractors.
- c. The Contractor or Subcontractor shall certify the payroll records as shown on the DIR form. In addition, the records shall be accompanied by a statement signed by the Contractor or Subcontractor certifying that the classifications truly reflect the Work performed and that the wage rates are not less than those required to be paid.
- d. For public works projects awarded on or after April 1, 2015, or that are still ongoing after April 1, 2016, no matter when awarded, each Contractor and Subcontractor shall furnish the certified payroll related records as more specifically described above and in Labor Code section 1776 directly to the Labor Commissioner (see LC § 1771.4). These records shall be provided to the Labor Commissioner at least monthly or more frequently if required by the terms of the Contract. For exception on projects covered by collective bargaining agreements like a PLA, please see Labor Code section 1771.4.
- e. In the event of noncompliance with the requirements of Section 1776 of the Labor Code, the Contractor shall have 10 days in which to comply subsequent to receipt of written notice specifying in what respects such Contractor must comply with said Section. Should noncompliance still be evident after such 10-day period, the Contractor shall, as a penalty to the State or the District, forfeit the amount set forth in Section 1776 of the Labor Code for each calendar day, or portion thereof, for each worker, until strict compliance is effectuated. Upon the request of the Division of Apprenticeship Standards or the Division of Labor Standards Enforcement, such penalties shall be withheld from progress payments then due.
- f. The Contractor and every Subcontractor shall post at the workplace and comply with all required wage related workplace postings. Copies of the required postings may be downloaded or ordered electronically from the Department of Industrial Relations website at <http://www.dir.ca.gov/wpnodb.html>.

### **13. HOURS OF LABOR**

Pursuant to the provisions of Sections 1810, et seq. of the Labor Code and any amendments thereof:

- a. Eight hours of labor constitutes a legal day's Work under the contract.
- b. The time of service of any worker employed upon the work shall be limited and restricted to eight hours during any one calendar day, and forty hours during any one calendar week except as provided in Article 13.iv below.
- c. The Contractor shall, as a penalty to the State or the District, forfeit the amount set forth in Section 1813 of the Labor Code for each worker employed in the execution of the contract by the Contractor or by any Subcontractor for each calendar day during which such worker is required or permitted to work more than eight hours in any

calendar day and forty hours in any one calendar week in violation of this Article and the provisions of Labor Code, Sections 1810, et seq.

- d. Work performed by employees of the Contractor in excess of eight hours per day, and forty hours during any one calendar week, shall be permitted upon compensation for all hours worked in excess of eight hours per day at not less than one and one-half times the basic rate of pay.
- e. The Contractor and every Subcontractor shall keep an accurate record showing the name of and the actual hours worked each calendar day and each calendar week by each worker employed by him in connection with the Work; the record shall be kept open at all reasonable hours to the inspection of the District and to the Division of Labor Standards Enforcement of the State of California.

#### **14. EMPLOYMENT OF APPRENTICES**

- a. In the performance of the contract, the Contractor and any Subcontractor shall comply with the provisions concerning the employment of apprentices in Section 1777.5 of the Labor Code and any amendments thereof.
- b. In the event the Contractor or any Subcontractor willfully fails to comply with the aforesaid section, such Contractor or Subcontractor shall be subject to the penalties for noncompliance in Labor Code, Section 1777.7.

#### **15. CHANGES**

- a. Changes in the Work can only be made in writing signed by an authorized employee of the District. If the change causes an increase or decrease in the contract sum, or a change in the time for performance under the Contract, an adjustment may be made as determined by the Project Manager.
- b. The District reserves the right to make changes in the design of materials, equipment, or machinery, to make alterations or additions to or deviations or subtractions from the Contract and any specifications and drawings, to increase or decrease the required quantity of any item or portion of the Work or to omit any item or portion of the Work, as may be deemed by the Project Manager to be necessary or advisable and to order such extra work as may be determined by the Project Manager to be required for the proper execution and completion of the whole Work contemplated. Any such changes will be ordered in writing by the Project Manager. The determination of the Project Manager on all questions relating to changes, including extra work, shall be conclusive and binding.
- c. Prior to issuing an amendment or change to the Contract, the Project Manager may request that the Contractor submit a proposal covering the changes. Within 10 business days of receiving the request, the Contractor shall submit its proposal to the Project Manager of all costs associated with the proposed amendment or change and any request for an extension of Contract time. Contractor's proposal shall include detailed estimates with cost breakdowns, including labor, material, equipment, overhead, and profit. Labor shall be broken down into hours and rate per hour. If applicable, the proposal shall include a breakdown for off-site labor (including factory labor, engineering, etc.). The Contractor's proposal shall include an analysis of schedule impact when the Contractor is requesting an adjustment in contract time. The

Contractor shall be responsible for any delay associated with its failure to submit its change proposal within the time specified. If the Project Manager decides not to issue an amendment or change after requesting a proposal from the Contractor, the Contractor will be notified in writing. The Contractor is not entitled to reimbursement for Change Order preparation costs if the Contractor's proposal is not accepted by the Project Manager.

- d. If the Contractor agrees with the terms and conditions of the approved Change Order, the Contractor shall indicate its acceptance by signing the original copy and returning it to the Project Manager within 10 Work Days after receipt or with reasonable promptness and in such sequence as to not delay the Work or activities of the District or of separate contractors, whichever is sooner. If notice of any change is required to be given to a surety by the provisions of any bond, the Contractor shall provide notice and the amount of each applicable bond shall be adjusted separately. Payment in accordance with the terms and conditions set forth in the executed Change Order shall constitute full compensation for all Work included in the Change Order and the District will be released from any and all claims for direct, indirect, and impact expenses and additional time impact resulting from the Work. If the Contractor disagrees with the terms and conditions of the approved Change Order, the Contractor shall indicate specific areas of disagreement and return the approved Change Order to the Project Manager with a detailed written dispute. No payment will be made on the disputed work until the approved Change Order is returned to the Project Manager. However, whether or not the Contractor agrees with the terms and conditions of an approved Change Order, the Contractor shall immediately revise its sequence of operations as required to facilitate timely completion of the changed work and shall proceed with the revised work sequence.
- e. The Project Manager may, after having received a written cost quotation from the Contractor, order the Contractor, in writing, to proceed with the work prior to issuance of an approved Change Order through a change directive. The change directive will authorize the Contractor to proceed with the work subject to the cost quotation submitted by the Contractor. Within five days following receipt of the change directive, the Contractor shall submit a detailed change proposal documenting the amount of compensation. The Project Manager will review the change proposal and, at its option, will either issue an approved Change Order for the work or direct the Contractor to perform the work through Force Account. Until the method of compensation is determined, and the approved Change Order is received, the Contractor shall keep full and complete time and material records of the cost of the ordered work and shall permit the Project Manager to have access to such records. An approved Change Order shall supersede any previously issued written change directive covering the same Work.

## **16. EFFECT OF EXTENSIONS OF TIME**

The granting, or acceptance, of extensions of time to complete the Work or furnish the labor, supplies, materials or equipment, or any one of the aforementioned, will not operate as a release of Contractor or the surety on Contractor's faithful performance bond.

## **17. DELAYS**

- a. The Contractor shall take reasonable precautions to foresee and prevent delays to the Work. When the Contractor foresees a delay event, and upon the occurrence of a delay

event, the Contractor shall immediately notify the Project Manager of the probability or the actual occurrence of a delay, and its cause. With respect to all delays (compensable, excusable or inexcusable), the Contractor shall reschedule the Work and revise its operations, to the extent possible, to mitigate the effects of the delay. Within 15 days from the beginning of a delay the Contractor shall provide the Project Manager with a detailed written description of the delay, its cause, its impact and the Contractor's mitigation plans. Failure to provide the notification required above waives the Contractor's right to any additional time or compensation resulting from the delay for whatever cause. The Project Manager will investigate the facts and ascertain the extent of the delay, and the Project Manager's findings thereon shall be final and conclusive, except in the case of gross error. An extension of time must be approved by the Project Manager to be effective, but an extension of time, whether with or without consent of the sureties, shall not release the sureties from their obligations, which shall remain in full force until the discharge of the contract.

- b. For inexcusable delays (delays caused by circumstances within the Contractor's control, the control of its subcontractors or supplies of any tier, or within the scope of the Contractor's contract responsibilities) the Contractor shall not be entitled to an extension of time or additional compensation for any loss, cost, damage, expense or liability resulting directly or indirectly from the inexcusable delay.
- c. For excusable delays (delays to completion of the Work within the time limits set forth in the Contract Documents directly caused by events beyond the control of both the Contractor and the District, which delay is not concurrent with an inexcusable delay and which could not have been avoided by the Contractor through reasonable mitigation measures the Project Manager will grant the Contractor an extension of time in an amount equal to the period of Excusable Delay based on the analysis of schedule impact and delay analysis diagram, which shall be the Contractor's sole and exclusive remedy for such delay. Excusable Delays shall include labor strikes, adverse weather, and Acts of God.
- d. For compensable delays (delays to completion of the Work within the time limits set forth in the Contract Documents that could not be avoided by Contractor mitigation, caused directly and solely by the District or by causes within the exclusive control of the
- e. District, and which were not concurrent with any other type of delay) the Project
- f. Manager will grant the Contractor an extension of the time to perform under the Contract and compensation in an amount that represents the Contractor's actual direct costs incurred as a direct result of the compensable delay. The Contractor may recover its direct costs only and may not recover (and waives) all other types of indirect, consequential, special and incidental damages.
- g. For concurrent delays (two or more independent causes of delay directly preventing the Contractor from completing the Work within the time limits set forth in the Contract Documents where the delays occur at the same time during all or a portion of the delay period being considered, and where each of the delays would have caused delay to the Contractor even in the absence of any of the other delays, and none of the delays could have been avoided by Contractor mitigations) the following rules apply:

- i. One or more of the concurrent delays are excusable or compensable, then the period of concurrent delay will be treated as an excusable delay; and
- ii. All of the concurrent delays are inexcusable, then the period of concurrent delay will be inexcusable.

## 18. TERMINATION

- a. Termination by the District for Cause:
  - i. District may terminate the Contractor's right to proceed under the Contract, in whole or in part, for cause at any time after the occurrence of any of the following events, each of which constitutes a default:
    1. The Contractor becomes insolvent or files for relief under the bankruptcy laws of the United States.
    2. The Contractor makes a general assignment for the benefit of its creditors or fails to pay its debts as the same become due.
    3. A receiver is appointed to take charge of the Contractor's property.
    4. The Contractor fails to supply skilled supervisory personnel, an adequate number of properly skilled workers, proper materials, or necessary equipment to prosecute the Work in accordance with the Contract Documents.
    5. The Contractor fails to make progress so as to endanger performance of the Work within the contractually required time.
    6. The Contractor disregards legal requirements of agencies having jurisdiction over the Work, the Contractor, or the District.
    7. The Contractor fails to provide the District with a written plan to cure a District identified default within five business days after the District's request for a plan to cure; the District does not accept the Contractor's plan for curing its default; or the Contractor does not fully carry out an accepted plan to cure.
    8. The Contractor abandons the Work. Abandonment is conclusively presumed when the District requests a written plan to cure a default and the Contractor does not submit the plan within five business days of the District's request.
    9. The Contractor materially fails to meet its obligations in accordance with the Contract Documents.
    10. The Contractor is in default of any other material obligation under the Contract Documents.
  - ii. If any of the above events occur, the District may, in its discretion, require that the Contractor submit a written plan to cure its default, which plan must be provided to the District within 5 business days of the request and must include a realistic, executable plan for curing the noted defaults.

- iii. Upon any of the occurrences referred to in Article 18.a.i. above, the District may, at its election and by notice to the Contractor, terminate the Contract in whole or in part; accept the assignment of any or all of the subcontracts; and then complete the Work by any method the District may deem expedient. If requested by the District, the Contractor shall remove any part or all of the Contractor's materials, supplies, equipment, tools, and machinery from the site of the Work within seven days of such request; and, if the Contractor fails to do so, the District may remove or store, and after 90 days sell, any of the same at the Contractor's expense.
- iv. No termination or action taken by the District after termination shall prejudice any other rights or remedies of the District provided by law or by the Contract Documents.
- v. Conversion: If, after termination for other than convenience, it is determined that the Contractor was not in default or material breach, or that the default or material breach was excusable, the rights and obligations of the parties shall be the same as if the termination had been issued for convenience pursuant to Article 18.b. below.

b. Termination by the District for Convenience:

- i. The District may, at its option, and for its convenience, terminate the Contract at any time by giving written notice to the Contractor specifying the effective date of termination. Upon such termination, the Contractor agrees to comply with the notice and further agrees to waive any claims for damages, including loss of anticipated profits, on account of the termination; and, as the sole right and remedy of the Contractor, the District shall pay the Contractor as set forth below.
- ii. Upon receipt of a notice of termination for convenience, the Contractor shall, unless the notice directs otherwise, do the following:
  1. Immediately discontinue its performance of the Contract to the extent specified in the notice.
  2. Place no further orders or subcontracts for materials, equipment, services, or facilities, except as may be necessary for completion of a portion of the Work that is not discontinued or that is necessary for an orderly cessation of the Work.
  3. Promptly cancel, on the most favorable terms reasonably possible, all subcontracts to the extent they relate to the performance of the discontinued portion of the Work.
  4. Thereafter, do only such Work as may be necessary to preserve and protect Work already in progress and to protect materials, plants, and equipment in transit to or on the site of performance.
- iii. Upon such termination for convenience, the District will pay to the Contractor the sum of the following:

1. The amount of the contract sum allocable to the portion of the Work properly performed by the Contractor as of the effective date of termination, less sums previously paid to the Contractor.
2. Previously unpaid costs of any items delivered to the project site that were already fabricated for subsequent incorporation into the Work.
3. Any proven losses with respect to materials and equipment directly resulting from the termination.
4. Reasonable demobilization costs.

iv. The above reimbursement is the sole and exclusive remedy to which the Contractor is entitled in the event the contract is terminated for convenience; and the Contractor expressly waives any other claims, damages, demands, compensation or recovery related to this contract or project. The Contractor agrees to sign a general release incorporating this waiver.

c. Effect of Termination: Upon termination, the obligations of the Contract shall continue as to portions of the Work already performed and, subject to the Contractor's obligations under Article 18.b.ii, as to bona fide obligations assumed by the Contractor prior to the date of termination.

d. Force Majeure: If the contract is suspended or terminated by the District because Contractor's performance is prevented or delayed by an event including an irresistible, superhuman cause, or by the act of public enemies of the State of California or of the United States ("Force Majeure"), the Contractor will be paid for Work performed prior to the Force Majeure event at either (i) the unit prices named in the Contract; or (ii) in the event no unit prices are named, a sum equal to the percentage of the total contract amount that matches the percentage of the total contract Work performed prior to the Force Majeure event.

## **19. DAMAGES**

All losses or damages to material or equipment to be furnished pursuant to the Contract Documents occurring prior to receipt and final acceptance of the Work shall be sustained by the Contractor. The Contractor shall sustain all losses arising from unforeseen obstructions or difficulties, either natural or artificial, encountered in the prosecution of the Work, or from any action of the elements prior to final acceptance of the work, or from an act or omission on the part of the Contractor not authorized by the Contract Documents.

## **20. ORDER OF PRECEDENCE**

- a. In the case of conflicts, errors, or discrepancies in any of the Contract Documents, the order of precedence is as follows. Within the same order of precedence, specific requirements shall take precedence over general requirements.
  - i. Approved Change Orders.
  - ii. Addenda.
  - iii. RFQ or RFP.
  - iv. Referenced Standard Specifications and Drawings.
  - v. Contractor's Response Packet.

b. With reference to drawings:

- i. Numerical dimensions govern over scaled dimensions.
- ii. Detailed drawings govern over general drawings.
- iii. Addenda/Change Order drawings govern over contract drawings.
- iv. Contract drawings govern over standard drawings.
- v. Notes apply only to the drawing where the notes appear, unless classified as "typical" or intended to apply elsewhere in which case they apply to all drawings where the conditions or circumstance noted occurs.
- vi. Typical details apply to all drawings unless a specific different detail is shown.

**21. INDEMNIFICATION**

Contractor expressly agrees to defend, indemnify, and hold harmless DISTRICT and its Directors, officers, agents and employees from and against any and all loss, liability, expense, claims, suits, and damages, including attorneys' fees, arising out of or resulting from Contractor's, its associates', employees', subconsultants', or other agents' negligent acts, errors or omissions, or willful misconduct, in the operation and/or performance under this Agreement.

**22. PROHIBITION OF ASSIGNMENT**

The Contractor shall not assign, transfer, or otherwise dispose of any of its rights, duties or obligations under this Contract. This prohibition does not apply to the District. The District retains the right to assign this Contract in whole or in part at any time upon reasonable terms.

**23. NEWS RELEASES**

The Contractor, its employees, subcontractors, and agents shall not refer to the District, or use any logos, images, or photographs of the District for any commercial purpose, including, but not limited to, advertising, promotion, or public relations, without the District's prior written consent. Such written consent shall not be required for the inclusion of the District's name on a customer list.

**24. SEVERABILITY**

Should any part of the Contract be declared by a final decision by a court or tribunal of competent jurisdiction to be unconstitutional, invalid or beyond the authority of either party to enter into or carry out, such decision shall not affect the validity of the remainder of the Contract, which shall continue in full force and effect, provided that the remainder of the Contract can be interpreted to give effect to the intentions of the parties.

**25. COVENANT AGAINST GRATUITIES**

The Contractor warrants that no gratuities (in the form of entertainment, gifts, or otherwise) were offered or given by the Contractor, or any agent or representative of the Contractor, to any officer or employee of the District with a view toward securing the Contract or securing favorable treatment with respect to any determinations concerning the performance of the Contract. For breach or violation of this warranty, the District shall have the right to terminate the Contract, either in whole or in part, and any loss or damage sustained by the District in procuring on the open market any items which Contractor agreed to supply shall be borne and paid for by the Contractor. The rights and remedies of the District provided in this clause shall not be exclusive and are in addition to any other rights and remedies provided by law or in equity.

**26. RIGHTS AND REMEDIES OF THE DISTRICT**

The rights and remedies of the District provided herein shall not be exclusive and are in addition to any other rights and remedies provided by law or under the Contract.

**27. WAIVER OF RIGHTS**

Any action or inaction by the District or the failure of the District on any occasion, to enforce any right or provision of the Contract, shall not be construed to be a waiver by the District of its rights and shall not prevent the District from enforcing such provision or right on any future occasion. Rights and remedies are cumulative and are in addition to any other rights or remedies that the District may have at law or in equity.

**28. CONFIDENTIALITY**

Contractor agrees to maintain in confidence and not disclose to any person or entity, without the District's prior written consent, any trade secret or confidential information, knowledge or data relating to the products, process, or operation of the District. Contractor further agrees to maintain in confidence and not to disclose to any person or entity, any data, information, technology, or material developed or obtained by Contractor during the term of the Contract. The covenants contained in this paragraph shall survive the termination of this Contract for whatever cause.

## **EXHIBIT D**

### **INFORMATION TECHNOLOGY SECURITY INFORMATION TO BE EXCLUDED FROM PUBLIC RECORDS ACT REQUESTS**

**EBMUD is required to respond to California Public Records Act (CA PRA) requests. Request for Proposals (RFP) are subject to CA PRA requests. If you are submitting sensitive security information about your products or services as part of your response to an RFP for software services, you must submit it as part of Exhibit D for it to be categorized as exempt from CA PRA requests. Any information submitted outside of Exhibit D may be released in response to a CA PRA request.**

---

If you are submitting any information as an attachment, be sure to add the phrase EXHIBIT D to the title and/or filename.

**EXHIBIT E**  
**TECHNICAL SPECIFICATIONS OF EBH HOSES**

PROPOSAL NO. 9839

SPECIFICATIONS

SECTION 15068

FLEXIBLE WATER HOSE

**PART 1 - GENERAL**

**1.01 DESCRIPTION**

- A. Work included:
  - 1. Furnish flexible water hose, fittings, and storage systems as specified herein.
- B. Related work specified elsewhere.
  - 1. Section 01900 – Seismic Requirements.

**1.02 REFERENCES**

- A. ASTM D 380 Standard Test Method for Rubber Hose
- B. ANSI/NSF-61 Drinking Water System Components - Health Effects

**1.03 QUALITY ASSURANCE**

- A. The manufacturer of the hose shall have been regularly engaged in the manufacture of hose of comparable size and components, for a period of at least two (2) years prior to this contract.

**1.04 SUBMITTALS**

- A. To accompany Bid. The Bidder shall furnish with the Bid:
  - 1. Written certification that hose product, fittings, and storage systems meet all specification requirements listed in Article 2.01 of this Specification Section.
  - 2. List of at least three customers, with contact name(s) and telephone numbers, which have purchased the specified hose products for potable water use. Provide information regarding size and quantity purchased.
  - 3. Quantity and nominal dimensions of flaking boxes and storage containers to be provided, in accordance with Article 2.01.
- B. After award of Contract. The Contractor shall submit the following technical submittals.
  - 1. Manufacturer's current specifications and technical information that proves compliance with the specified requirements.
  - 2. Manufacturer's testing procedure for pressure testing specified in Article 3.01.
  - 3. Manufacturer's instructions for attaching hose fittings to hoses.

4. Certified manufacturer's drawings for flaking boxes:
  - a. Outline and principal dimensions of flaking boxes.
  - b. Detailed shop drawings showing dimension and locations of all components, with component measurements referenced to a descriptive table.
  - c. Details of the following:
    - (1) Non-destructive deployment system.
    - (2) Non-destructive loading system.
    - (3) Stacking system.
    - (4) Flaking box covers.
  - d. Seismic calculations, in accordance with Section 01900, for stacking system.

## PART 2 - PRODUCTS

### 2.01 MATERIALS

#### A. Hose:

1. Material for hose shall consist of woven polyester fabric plies completely encapsulated by a thermoplastic polyurethane cover and lining.
  - a. Adhesion between the plies and between cover and plies shall be not less than 10 lbs. after immersion in water as measured in accordance with ASTM D 380.
  - b. The hose shall be free of visible cracks, bubbles, holes, foreign inclusions or other injurious defects. It shall be uniform in size, color, and other physical properties. Any hose not meeting these criteria shall be rejected.
  - c. Hose material shall be resistant to normal corrosive conditions such as ultraviolet light, ozone (50 ppm), chloramine (50 ppm), and petrochemicals.
  - d. Hose material shall be ANSI/NSF-61 approved for use with potable water.
  - e. Hose material shall have a shelf life of at least 10 years when stored in non-environmentally controlled storage facility with maximum daytime temperatures up to 120°F.

#### 2. Description:

- a. Hose shall have a Hazen-Williams coefficient of at least 110.
- b. Weight: The maximum weight of the hose shall not exceed:
  - (1) 1.5 lbs/LF for 6" hose.
  - (2) 3.50 lbs/LF for 12" hose.

- c. Pressure rating: Shall have a working pressure rating not less than:
  - (1) 225 psi for 6" hose.
  - (2) 150 psi for 12" hose.
- 3. Physical requirements:
  - a. Abrasion resistance: The hose cover shall withstand a minimum of 100,000 cycles on a Taber Abraser without exposure of the woven polyester fabric.
  - b. Leakage: Hose shall not leak more than .06 gal/in-DIA/1000 ft/hr at the specified working pressure rating.
  - c. Elongation and twist: A hose section (500-foot), when subjected to an internal hydrostatic pressure not less than the design pressure rating, shall not show elongation greater 3.0% in length, or twist greater than 36° per 100 feet length.
  - d. Color: Hose shall be blue.
- 4. Identification:
  - a. Each hose section shall have at approximately 10-foot intervals the following information in a color that contrasts to the hose color:

EMERGENCY WATER PIPELINE  
Date of manufacture  
Manufacturer's name and trademark
- 5. Acceptable Products
  - a. Angus "Super Aquaduct", Angier, North Carolina, (800) 334-3156.
  - b. Mandals Roberband "Aquaman", FSB, Santa Ana, California, (800) 388-6609.
  - c. Or approved equal.

B. Hose Connectors (12" diameter hoses):

- 1. Each length of 12" diameter hose shall be furnished with aluminum end-fittings prepared for attachment to grooved aluminum couplings. Fittings shall be mechanically attached and capable of being removed and reinstalled by field forces using hand tools. In addition to the factory-installed fittings, provide thirty (30) additional fittings (including banding, buckles, and any other materials required) for future use. Provide five (5) tools for installing these fittings (one per storage site).
- 2. Couplings shall be Victaulic Style 77A. Quantity shall be 150.

C. Hose Connectors (6" diameter hoses):

- 1. Each length of 6" diameter hose shall be furnished with aluminum end-fittings prepared for attachment to grooved aluminum couplings. Fittings shall be mechanically attached and capable of being removed and reinstalled by field forces using hand tools.

In addition to the factory-installed fittings, provide twenty (20) additional fittings (including banding, buckles, and any other materials required) for future use.

2. Couplings for attaching two hose sections together shall be Victaulic Style 77A. Quantity shall be 50.
3. Couplings for attaching hose sections to flange connections shall be Victaulic Style 741. Quantity shall be 30.

D. Reducer Fittings:

1. Provide the following reducer fittings, Victaulic Style 50-C concentric reducers:
  - a. 12 x 8, quantity shall be 18.
  - b. 12 x 10, quantity shall be 18.

E. Flaking Boxes:

1. Hoses shall be stored in flaking boxes that can be lifted from all four sides by a forklift. Flaking boxes for 12" diameter hoses shall hold 500 lineal feet of 12" diameter hose with couplings in a flat lay configuration. Flaking boxes for 6" diameter hoses shall hold 500 lineal feet of 6" diameter hose with couplings in a flat lay configuration. Flaking box dimensions shall not exceed 90" wide x 114" long (for storage in Storage Containers per Article 2.01F).
2. The manufacturer of the flaking boxes shall have been regularly engaged in the manufacture of flaking boxes of comparable size and components, for a period of at least two (2) years.
3. Flaking boxes shall be constructed of high tensile and yield marine grade aluminum alloy. Flaking boxes shall be constructed to be as light as possible but yet maintain the structural integrity required for storage and deployment of the hoses, in accordance with all applicable structural design procedures.
4. Flaking boxes shall be configured for stacking in storage containers, and shall include all components and hardware required for stacking. Stacking system shall be designed in accordance with Section 01900, Seismic Requirements.
5. Non-destructive deployment and loading systems shall be included as integral components of the flaking box.
6. Each flaking box shall be provided with a cover, attached to the flaking box, to protect hose and couplings from damage during storage and transport.

F. Storage Containers

1. Provide separate storage container(s) for each storage location listed in Tables A and Section B, Section 3.02. Each storage container shall be a 40' long x 8'6" wide x 8'0" deep (outside dimensions) new portable steel shipping container with three lockable 10'0" wide x 6'8" high roll up doors and one lockable side access door. Each container shall be painted white.

2. Acceptable manufacturers:
  - a. Air Sea Containers, 1000 98<sup>th</sup> Avenue, Oakland, CA 94603 (510) 568-8858
  - b. Or approved equal.
3. The quantity of storage containers shall be determined by the manufacturer based on the following factors: Hose storage locations and quantities as shown in Article 3.02, Tables A and B; and the manufacturer's dimensions for flaking boxes and stacking systems.

## PART 3 - EXECUTION

### 3.01 TESTING

- A. All 12" hose sections shall be factory pressure tested (with fittings attached) at 150 PSI for a minimum of 15 minutes prior to shipment.

All 6" hose sections shall be factory pressure tested (with fittings attached) at 225 PSI for a minimum of 15 minutes prior to shipment.

Leakage shall not exceed the amount allowed in Article 2.01.A.3 of this Specification Section. Provide copies of successful pressure test records to the Engineer prior to shipping.

### 3.02 HOSE LENGTH AND PACKAGING

- A. Hoses shall be provided in 500 ft., 250 ft., 100 ft., or 50 ft. lengths as specified in Tables A & B. All hoses shall be packaged in flaking boxes as specified in Article 2.01 of this Specification Section. Hoses for different storage sites shall not be stored in the same container, nor shall 6" diameter and 12" diameter hoses be stored in the same flaking box.

**TABLE A**

12-Inch Diameter Hoses							
Primary Deployment Location	Area	Storage Location	500 ft. Sections	250 ft. Sections	100 ft. Sections	50 ft. Sections	Total Ft.
Fault Crossing 11 (South 30 @ Golf Links)	South	USL WTP	3	3	6	3	3,000
Fault Crossing 20 (South 30 at Liberty St.)	South	South Reservoir	6	2	4	2	4,000
Fault Crossing 16 (Central Zone 42" at Birch)	South	South Reservoir	6	2	4	2	4,000
Fault Crossing 15 (Central 60" at El Portal)	North	North Yard	3	3	0	3	2,400
Fault Crossing 4 (Summit Reserv. at Santa Barbara)	Central	Adeline	0	6	0	3	1,650
Alameda or other areas affected by liquefaction	Central	Oakport	2	2	6	9	2,550
<b>TOTAL</b>							<b>17,600</b>

**TABLE B**

6-Inch Diameter Hoses							
Primary Deployment Location	Area	Storage Location	500 ft. Sections	250 ft. Sections	100 ft. Sections	50 ft. Sections	Total Ft.
North Area	North	North Yard	3	3	6	3	3,000
South Area	South	South Reservoir	3	5	6	3	3,500
<b>TOTAL</b>							<b>6,500</b>

END OF SECTION