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*Santa Clara Valley Water District
Notification of this Addendum is transmitted via email to all current plan holders.
This Addendum is posted on the Valley Water website at
<https://www.valleywater.org/construction>*

August 6, 2020

**ADDENDUM NO. 1
TO CONTRACT DOCUMENTS FOR THE
SANTA TERESA WATER TREATMENT PLANT
AIR WASH PIPELINE REPLACEMENT PROJECT
Project No. 93764004 Contract No. C0662**

Notice is hereby given to Prospective Bidders that the Contract Documents are modified as hereinafter set forth.

BID DOCUMENTS

NOTICE TO BIDDERS

1. REPLACE the 1st paragraph under Item 8 in its entirety with:

“Pre-Bid Conference and Site Visit. A Pre-Bid conference/site visit will be conducted by the District on Tuesday, August 11, 2020. The conference will convene at 10:00 a.m. (by District time), at the Santa Teresa Water Treatment Plant, 7011 Graystone Lane, San Jose, CA 95120. Anyone not in attendance at the meeting by **the time prescribed above** will be considered late and as having not attended this **MANDATORY** Pre-Bid conference/site visit. A Bid submitted by any Bidder not represented at the entire mandatory Pre-Bid conference/site visit will not be considered, and its Bid will be returned unopened. Attendance at the Pre-Bid conference/site visit by subcontractors is not required.”

2. Under Item no. 11, Prevailing Wage Requirements.

ADD a 2nd paragraph after sub-item A:

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

3. **REPLACE Item 13.A. in its entirety with:**

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

Join Zoom Meeting:

<https://valleywater.zoom.us/j/3796054075>

Meeting ID: 379 605 4075

One tap mobile:

+16699009128,,3796054075# US (San Jose)

+13462487799,,3796054075# US (Houston)

Dial by your location:

+1 669 900 9128 US (San Jose)

+1 346 248 7799 US (Houston)

+1 253 215 8782 US (Tacoma)

+1 646 558 8656 US (New York)

+1 301 715 8592 US (Germantown)

+1 312 626 6799 US (Chicago)

Meeting ID: 379 605 4075

Find your local number: <https://valleywater.zoom.us/j/3796054075>

BID FORM NO. 7

4. **REPLACE BID FORM NO. 7 Bidder's General Information with BID FORM NO. 7 (REV. 1) Bidders General Information (ATTACHMENT 1)**

SPECIFICATIONS AND CONTRACT DOCUMENTS

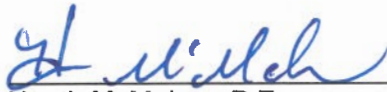
SPECIAL PROVISIONS

5. **REPLACE Item 12.03.C. in its entirety with:**

“Work shall include the following Milestones:

1. **Milestone 1** – Completion of all work required in the **East Filter Gallery, East Filters, and East Yard Piping.**
2. **Milestone 2** – Completion of all work required in the **West Filter Gallery, West Filters, and West Yard Piping.”**

THIS ADDENDUM NO. 1, WHICH CONTAINS 3 PAGES AND 1 ATTACHMENT (3 PAGES), IS ATTACHED TO AND IS A PART OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS FOR THIS PROJECT.



Heath McMahon, P.E.
Deputy Operating Officer
Water Utility Capital Division

Date: August 6, 2020

Attachment 1: BID FORM NO. 7 (REV. 1) Bidder's General Information



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

All Bidders must complete and submit this Bidder's General Information, Bid Form 7 (Rev. 1), including the required attachments. **The Bidder may be considered not responsible based on information provided on this Form.** Additional sheets may be attached as required.

1. Number of years as a contractor in construction work of this type: _____

2. Names and titles of all officers of Bidder's firm:

3. Name of person(s) who inspected site of proposed work for your firm:

Name: _____ Date of Inspection: _____

4. Name, address, and telephone number of surety company and agent who will provide the required bonds for this Contract:

5. Résumé of Designated Authorized Representative: Attach the résumé of the person who will be designated as authorized representative. **The Contractor's authorized representative must have requisite background and experience to administer and oversee the Work on behalf of the Contractor. The representative must have complete authority to represent and act for the Contractor as stated in Standard Provisions, Contractor Staffing, Article 3.03.**

6. Prior Construction Contracts: Bidder must provide **at least three (3)** construction contracts similar in scope and complexity to this Project that your organization has performed during the last 5 years. Use the PRIOR CONSTRUCTION CONTRACTS form (page 3 of this Bid Form 7) for each project.

7. Claims and lawsuits: if the answer to any of the questions below is "yes" explain the circumstances on an attached sheet.

7.1 Has your organization ever failed to complete an awarded contract?

☐ Yes ☐ No



BID FORM NO. 7 (REV. 1)
Bidder's General Information

Page 2 of 3

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

7.2 Are there any judgments, claims, alternate dispute resolution proceedings or suits pending or outstanding against your organization or its officers?

☐ Yes ☐ No

7.3 Has your organization filed any lawsuits or requested an alternate dispute resolution with regard to construction contracts within the last 5 years?

☐ Yes ☐ No

8. The Bidder hereby declares that the Bidder has not been convicted, within the preceding 3 years, of any charge of fraud, bribery, collusion, conspiracy, or any other act in violation of any state or federal antitrust law in connection with the bidding upon, award of, or performance of any public work contract with any public entity. The term "Bidder" includes any partner, member, officer, director, responsible managing officer, or responsible managing employee thereof.

9. Has the Bidder, any officer of the Bidder, or any employee of the Bidder who has a proprietary interest in the Bidder, ever been disqualified, removed or otherwise prevented from bidding on, or completing a federal, state, or local government project because of a violation of law or a safety regulation?

☐ Yes ☐ No

If the answer is "yes," explain the circumstances in the following space:

10. The Bidder signing for Contractor certifies that neither Bidder nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any federal department or agency.

District reserves the right to verify the above information.

I STATE UNDER PENALTY OF PERJURY THAT EACH AND ALL OF THE STATEMENTS I HAVE MADE IN RESPONSE TO PARAGRAPHS 8, 9 & 10 ABOVE ARE TRUE AND CORRECT.

SIGNATURE BLOCK (Signature Block must be completed in <i>ink</i> and changes must be <i>initialed</i>.)	
Bidder's Signature:	Date:
Bidder's Name and Title (Print):	



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

PRIOR CONSTRUCTION CONTRACTS

The Bidder may make as many copies of this page as necessary. Bidder may provide the required information on an alternative document. Bidder must submit a signed original of this page 3 of Bid Form 7.

Respond to each item, indicating "none" where appropriate.

- A. Name, address, and telephone number of owner: _____

- B. Name of project: _____
- C. Location of project: _____
- D. Brief description of the work involved: _____

- E. Contract amount: _____
- F. Claims amount: _____
- G. Liquidated damages assessed: _____
- H. Date of completion of contract: _____
- I. Name, address, and telephone number of design firm's architect or engineer:

- J. Name of owner's project manager: _____
- K. Declaration of Default (Yes or No): _____
- L. Litigation on questions of project performance: _____
- M. Determination of failure to pay prevailing wages or other state and/or federally required taxes or contributions: _____

- N. Citations by federal OSHA or CAL OSHA: _____

District reserves the right to verify the above information.

SIGNATURE BLOCK (Signature Block must be completed in <i>ink</i> and changes must be <i>initialed</i>.)	
Bidder's Signature:	Date:
Bidder's Name and Title (Print):	



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August 25, 2020

**ADDENDUM NO. 2
TO CONTRACT DOCUMENTS FOR THE
SANTA TERESA WATER TREATMENT PLANT
AIR WASH PIPELINE REPLACEMENT PROJECT
Project No. 93764004 Contract No. C0662**

Notice is hereby given to Prospective Bidders that the Contract Documents are modified as hereinafter set forth.

PLANS, SPECIFICATIONS AND CONTRACT DOCUMENTS

SPECIAL PROVISIONS

1. Section 12. Work and Contract Time(s), Article 12.01. Summary of Work

REPLACE Article 12.01.B.3. in its entirety with:

- "3. Clean, reline, video inspect and disinfect approximately 670 LF of existing 12-inch steel cement mortar lined air wash pipe."

TECHNICAL PROVISIONS

2. Section 32., Article 32.02 Stainless Steel Piping and Fittings, under PART 2 PRODUCTS

REPLACE PART 2.01.B.9. in its entirety with:

- "9. Bird spikes shall be installed on top of all above ground/exposed pipe located in the east and west filters. Bird Barrier™, or equal per manufacturer's recommendation where the outside tines of the spikes must extend ½ inch past the effective ledge of the pipe."

3. Section 40, Article 40.01 Lining and Coating – Piping, under PART 2 PRODUCTS

REPLACE Article 2.01.E. and 2.01.E.1. in their entirety with:

“E. *Relining for Existing Buried Steel Cement Mortar Lined Pipe* – Lining for pipe shall be the following, as specified herein and as designated on the Drawing.

1. Liquid epoxy lining conforming to the requirements of AWWA Standards C210 and C620 as applicable and the requirements of these Specifications.”

APPENDIX D, PLAN SET FOR THE CONSTRUCTION OF STWP AIR WASH PIPELINE REPLACEMENT PROJECT

4. REPLACE Sheet G-05, General Site Plan (ATTACHMENT 1)

5. REPLACE Sheet M-08, Buried Air Wash Pipe Access Details (ATTACHMENT 2)

GENERAL QUESTIONS & RESPONSES

6. QUESTION: In article 32.02, Paragraph B. 9., bird spikes are specified to be installed (also see plans M-01 and M-02). Do Bird-X Stainless Steel Bird Spikes qualify as an approved equal product that can be used for this scope of work?

RESPONSE: Bird-X Stainless Steel Bird Spikes is acceptable as an equal product.

7. QUESTION: There are several problems with lining buried small diameter SST pipe with a liquid epoxy:

- a. Surface preparation – Liquid epoxies require a near white surface. There are no equivalent standards for stainless steel. Typically, stainless steel is prepared by wiping down with a solvent and blasting with a garnet sand to avoid contamination. This is dangerous from a flammability standpoint and the possibility of ground water contamination.
- b. Temperature and humidity are both critical for proper application. Maintaining the correct humidity will be difficult to correct and monitor. Temperature is nearly impossible to control as the pipe is buried in a huge heat sink. The amount of heat required to keep the pipe at 80°F for the Plasite 4500 (AWWA C210) is difficult.
- c. Checking the lining for thickness, holidays and adhesion would not be possible for any of the pipe except for a few feet from each end.
- d. Any warranty would be void as the material was not applied in accordance with the manufacturer's instructions.

RESPONSE: The corresponding responses are indicated below:

- a. Per this addendum, Section 12 – Work and Contract Time(s) above, buried pipe is steel cement mortar lined. See AWWA C210 and AWWA C620 for surface preparation procedures.
- b. Industry standards typically use dryers and blowers to regulate the humidity and temperature. Contractor can also regulate the temperature and humidity per pipe lining manufacturer's recommendation.
- c. Internal pipeline inspection is required per Article 32.09 1.01.A. of the contract documents upon the completion of pipe relining. The Contractor is referred to AWWA C620 Section 4.5 and the pipe lining manufacturer for acceptable processes and procedures in assuring lining quality.
- d. Not applicable, see item no. 7 response "c." above.

THIS ADDENDUM NO. 2, WHICH CONTAINS 3 PAGES AND 2 ATTACHMENTS (2 PAGES), IS ATTACHED TO AND IS A PART OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS FOR THIS PROJECT.

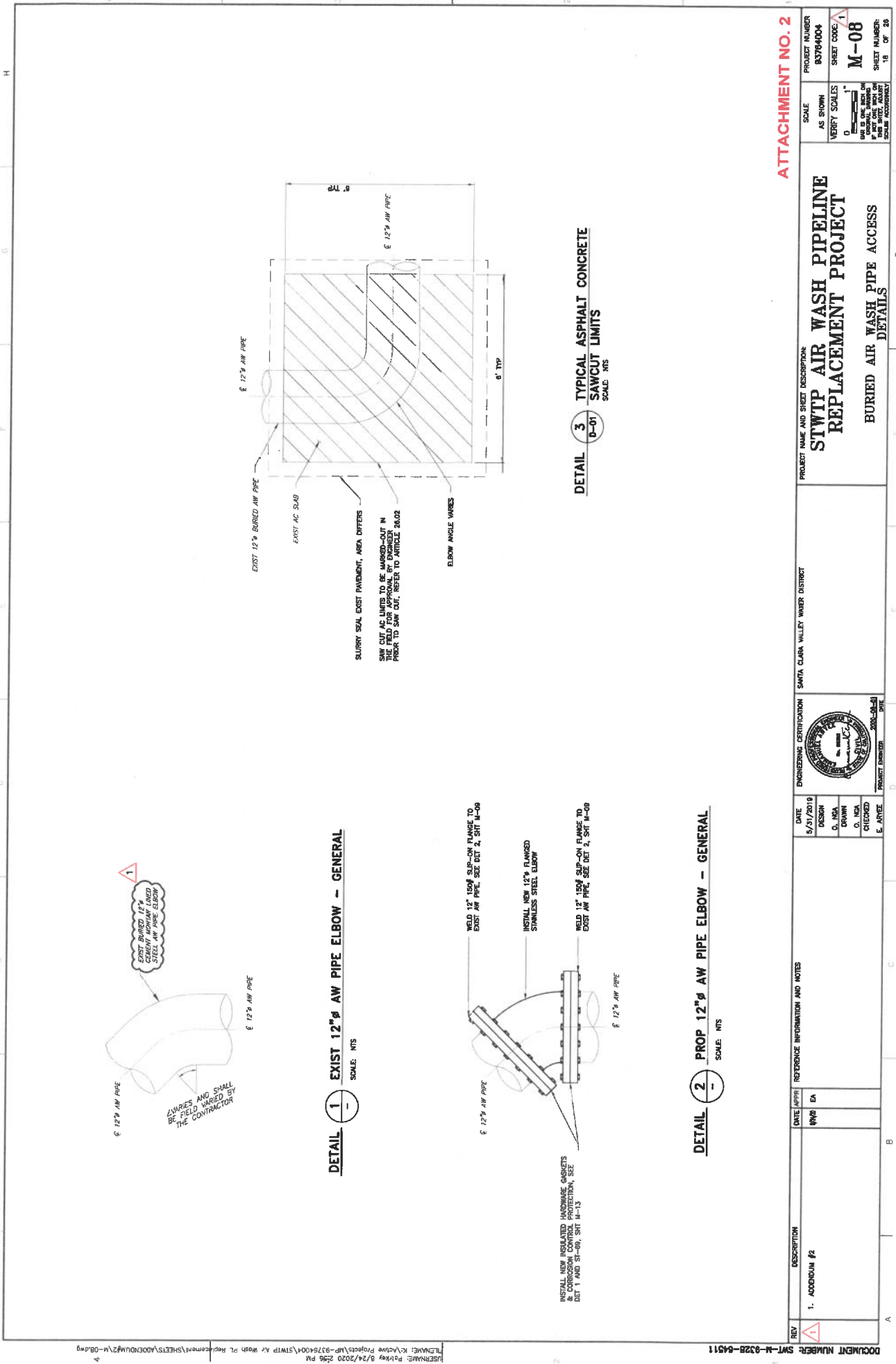


Heath McMahon, P.E.
Deputy Operating Officer
Water Utility Capital Division

Date: August 25, 2020

ATTACHMENT 1: Revised Drawing - G-05

ATTACHMENT 2: Revised Drawing - M-08



ATTACHMENT NO. 2

REV	DESCRIPTION	DATE	APP'D	REFERENCE INFORMATION AND NOTES	DATE	ENGINEERING CERTIFICATION	PROJECT NAME AND SHEET DESCRIPTION	SCALE	PROJECT NUMBER
1	ADDENDUM #2	11/10/20	EA		5/31/2019		STWTP AIR WASH PIPELINE REPLACEMENT PROJECT	AS SHOWN	83764004
					DESIGN			VERIFY SCALES	SHEET CODE: 1
					DRAWN			0	M-08
					CHECKED			1"	SHEET NUMBER: 18 OF 28
					E. ADVICE			NO IS NOT TO BE USED FOR ANY OTHER PROJECTS WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER	



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September 3, 2020

ADDENDUM NO. 3
TO CONTRACT DOCUMENTS FOR THE
SANTA TERESA WATER TREATMENT PLANT
AIR WASH PIPELINE REPLACEMENT PROJECT
Project No. 93764004 Contract No. C0662

Notice is hereby given to Prospective Bidders that the Contract Documents are modified as hereinafter set forth.

GENERAL QUESTIONS & RESPONSE

1. QUESTION: Addendum 2 identifies the existing pipe to be relined as mortar lined steel air wash pipe. The pipe being replaced under this contract is identified as Stainless Steel. Section 40 Lining and Coating—Piping, states the new pipe is to be coated referencing AWWA Standard C213.

This is possible, however is not typical with Stainless Steel. It represents an Economic Waste to coat Type 316L pipe in nearly all circumstances. The properties of 316L provide a surface resistant to corrosion, inclusive of extreme PH levels, as well as an excellent visual appearance throughout the life of the pipe. Should this coating be eliminated as a cost exclusive of functional or economic benefit?

RESPONSE: The Contractor is referred to Addendum 2, and shall coat the pipe in accordance with Article 40.01

2. QUESTION: Sht. M-10, Sec. A: The pipe passing through the wall at El. 447.50 is in a sleeve that is smaller than the flange. Project plans show a dimension for the flanged elbow of 12 3/8" which is 3/8" longer than a short radius elbow. Plans specify an ANSI 150 lb. flange which is 1.25" thick. This requires field welding a flange on one side to pass the spool through the wall sleeve, followed by repair to the lining in the field. Is this the designers intent? Alternatively the use of a Victaulic coupling for the wall spool to elbow connection would serve to eliminate the epoxy repair and clearance issue (Victaulic couplings are currently in use on this pipe system and are available in Stainless Steel, if

deemed necessary, reference photo of Victaulic on M-06.) That solves the required field epoxy repair and clearance problem.

There is a clearance / interference issue, that being the back of the flange is forced up against the throat of the elbow resulting in the bottom two bolts being difficult, and likely impossible to install. It is strongly recommended this be addressed to avoid change work. The vertical flange on the elbow should be moved down to eliminate this interference, using a short segment (called a pup in industry vernacular) of pipe welded to the elbow during shop fabrication.

The same flange interference problem occurs at the lower elbow to the spool through the wall connection. In this instance the interference increases by the addition of an insulating bolt up set. This results in bolts protruding an additional ½" from the thickness of the insulating washer. We recommend the designer consider use of a long radius elbow to relieve this interference.

RESPONSE: The design intent is for the wall penetrating spool piece flange to be field welded within the filter basins. Victaulic couplings can be used in place of the flanged connection subject to its compliance with specification requirements and the Engineer's approval. A long radius elbow can be used to eliminate any interference with flanges.

3. QUESTIONS: Sht. M-10, Sec. A: Is the pipe passing through the wall at El. 433.00 to the insulating joint the existing pipe?

RESPONSE: Yes.

4. QUESTIONS: Clarification regarding pipe testing: Article 32.12 doesn't exist in the specifications. Please provide a specific test procedure/standard.

RESPONSE: The Contractor is referred to Article 32.02-3.02.

5. QUESTION: Is a third-party welding inspector required for pipe fabrication? Do we need to include flights and per diem for the Engineer to witness the pipe fabrication and shop coating?

RESPONSE: No, a third-party welding inspector is not required to witness the pipe fabrication and shop coating.

6. QUESTION: Blown-In Epoxy Lining Method: The spec mentions relining the buried pipe per AWWA C210 and AWWA C620. We propose using the blown-in method conforming to AWWA C210. This method uses liquid epoxy and is not CIPP.

Additionally, we propose relining the West & East buried lines in 1 mobilization. This method only takes 2 weeks to complete including prep, cleaning, drying, testing, CCTV, etc.

Can the West Gallery be back in service for 1 week and East Gallery shutdown for 1 week during the initial February shutdown? This will not affect

the 6-week shutdown constraint since replacing the SST pipe in the West gallery can be completed in under 4 weeks.

Sequence of Work (Feb 15 – March 29th, 2021);

- Reline West buried pipe (1 week)
- Reline East buried pipe (1 week)
- Replace SST at West Gallery (3 weeks)
- Replace SST at East Galley (October 2021)

RESPONSE: Liquid epoxy application methods conforming to AWWA C210 are acceptable. Sequencing of the air wash pipe shutdown shall be in accordance with Section 16.01.01 of the specifications.

THIS ADDENDUM NO. 3, WHICH CONTAINS 3 PAGES, IS ATTACHED TO AND IS A PART OF THE SPECIFICATIONS AND CONTRACT DOCUMENTS FOR THIS PROJECT.

DocuSigned by:



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Heath McMahon, P.E.

Deputy Operating Officer

Water Utility Capital Division

Date: 9/3/2020