
CITY OF PORT LAVACA

MEETING: FEBRUARY 10, 2025 **AGENDA ITEM** ____

DATE: 2.04.2025

TO: HONORABLE MAYOR AND CITY COUNCIL MEMBERS

FROM: JODY WEAVER, INTERIM CITY MANAGER and
WAYNE SHAFFER, PUBLIC WORKS DIRECTOR

SUBJECT: **CONSIDER APPROVAL OF CHANGE ORDER NO. 4 TO THE WATER
SYSTEMS IMPROVEMENT PROJECT**

Background:

AECOM Project Engineer Vinoth Manoharan will attend the Council meeting via Zoom to answer any questions.

Change Order No. 1, 11/6/2023 was a savings of \$126,510.00 and included various value engineering items to save costs.

Change Oder No. 2, 8/13/2024 was +\$13,320.00 and included 21 additional days to remove and replace the steel angle at the roof perimeter of the tank, which was not included in the original contract.

Change Order No. 3, 10/18/2024 was \$0.00 and added 7 days related to additional structural repairs required on the overflow of the tank.

Proposed Change Order No. 4: is +\$56,478.00 and 120 days

Clarifications on JTR's request for Change Orde No. 4:

- City staff and the project engineer emphasized with the contractor from day one that completion of this project on time was critically important and that liquidated damages (\$300/day) were likely to be imposed for going over the completion time without thorough documentation of legitimate reasons for delay. At each monthly meeting up until very recently, the contractor had maintained the position that they would be able to complete the project on time even considering the start date of the contract and the length of initial submittals and shop drawing approvals.

- The contractor's assertion that a delay was caused by "a change to the coating system" is misleading. During the submittal process, the manufacturer of the paint system that was specified indicated that the specified system had been replaced by a different coating system which the engineers approved. The contractor did not claim at the time of approval that this caused any delay in the progress of the work. Of course, by the time they were ready to paint the weather was not cooperating and was not conducive to a successful paint application.

- JTR did submit a request for a change order in December, but it took several weeks to review and receive the engineer's recommendation letter.

CITY OF PORT LAVACA

- Over the course of the project, JTR did not bring up any concerns about delays in submittal review or other delays caused by manufacturers.

Our project engineer has verified that there are in fact legitimate delays caused by manufacturers in the delivery schedule of key pieces of equipment, with the motor operated valves having the latest delivery in April 2025 and is recommending approval of the additional 120 days.

After reviewing the information myself, I believe that the delivery delay of some key equipment is something that was beyond the control of the contractor. That being said, I do believe that with a more committed work schedule, they would be complete with all other aspects of the job just waiting on these pieces of equipment – either way though, the Ground Storage Tank would not be operational without the equipment that won't be here until April.

Regarding the additional cost of \$56,478.00, this is the cost to tie the tank into the water distribution system. Change Order No. 1 had a \$30,000 deduct to connect the pump station to what was thought to be a waterline that was connected to the distribution system located within the public works yard. As it turned out this line was actually part of the old abandoned well field line so the \$30,000 had to be added back in plus additional piping to reflect actual field conditions. I've included an explanatory sketch.

Financial Implication:

The Change order will increase the project cost by \$56,478.00 but is still under the original award amount. Note we are continuing to earn interest on the ARPA and Bond funds that have been earmarked for payment of this project.

Recommendation:

Approval Change Order No. 4

February 04, 2025

Jody Weaver, PE
Interim City Manager
City of Port Lavaca
202 N. Virginia
Port Lavaca, Texas 77979

**Re: Letter of Recommendation of Approval of Change Order No. 4
Water Supply System Improvements
ARPA No: 2303
AECOM Project No. 60659778**

Dear Ms. Weaver:

AECOM has received a request from JTR Constructors, Inc (JTR) for additional funding and to extend the duration of the referenced construction contract. The additional funding would be used to modify the discharge piping and GST inlet since due to differing site conditions. The contractor found that the 12" line that was supposed to feed the GST was abandoned. A new 12" line to connect to the distribution system will need to be installed. The time extension would be to accommodate delays associated with multiple pieces of equipment including the booster pumps, valves, and motor operators. The manufacturers for each piece of equipment have seen delays in the manufacturing process that has led to delays in delivery.

JTR informed AECOM that the piece of equipment that will have the latest delivery date are the motor operated valves which are expected to be delivered in April 2025. The delay for each item is explained in a time extension request provided by the contractor (Time extension request is attached). Contractor has requested that the contract be extended by 120 calendar days from the previously modified duration of 418 calendar days for a total contract time of 538 days with a completion date of 4/28/25.

AECOM, after evaluating all options, is recommending approval of Change Order No. 4 to extend the duration of the contract and to increase the contract value by \$56,478. JTR will utilize ductile iron pipes to connect the ground storage tank to the distribution system.

Sincerely,



Vinoth Manoharan, PE
Project Manager
AECOM
T: +1-281-675-7668
E: Vinoth.manoharan@aecom.com

Attachments: Change Order No. 4
JTR's request for time extension
JTR's request for Change Order No. 4

CC: Wayne Shaffer – City of Port Lavaca
Kateryna Thomas – City of Port Lavaca
Dee Dee Arismendez – Grant Works



Construction Change Order

Date: 2/4/2025
Owner: City of Port Lavaca
Contractor: JTR Constructors, Inc.

Change Order Number: 4

Engineer: AECOM Technical Services, Inc.

Amount: \$56,478.00

Project: Water Supply System Improvements

AECOM Project No.: 60659778

SUMMARY OF CHANGES	Time		
	Amount	Days	Comp Date
NTP Date: 11/7/2023			
Original Contract	\$4,321,350.00	390	12/1/2024
Approved Time Extensions			
Previous Change Orders	-\$113,190.00	28	
Current Change Order	\$56,478.00	120	
Current Contract	\$4,264,638.00	538	4/28/2025

The Terms of the Agreement, dated **11/01/2023**, between Owner and Contractor are amended as attached.

(attached hereto and being made part of this change order).

Recommended For Approval:

AECOM Technical Services, Inc.
TBPE Reg. No. F-3580

Vinoth Manoharan, P.E.
Project Manager

Accepted By:

Approved By:

JTR Constructors, Inc.

City of Port Lavaca

By: _____

By: _____

Title: _____

Title: _____

Date: _____

Date: _____



TR-028 **TRANSMITTAL SHEET**

P.O. BOX #842089 Houston, TX 77284 Phone 281/ 550-7107 Fax 281/ 859-2939

Date: 01/10/25

Job: City of Port Lavaca

Water Supply System Improvements

To: AECOM

19219 Katy Freeway, Ste. 100

Houston, TX 77094

Attn: Chris Rolan, EIT / Vinoth Manoharan PE

Time Extension Request 2 - January 2025

- | | | |
|----------------|---------------------------|-------------------------------------|
| We are sending | herewith..... | <input checked="" type="checkbox"/> |
| | under separate cover..... | <input type="checkbox"/> |
| | by messenger..... | <input type="checkbox"/> |

1 print(s) each of the following: Time Extension Request 2 - January 2025

- | | | |
|-----------|---|-------------------------------------|
| which are | approved..... | <input type="checkbox"/> |
| | approved as noted..... | <input type="checkbox"/> |
| | returned to you for correction and resubmittal..... | <input type="checkbox"/> |
| | for your information..... | <input type="checkbox"/> |
| | for your review..... | <input checked="" type="checkbox"/> |

cc:

By: *Giovanni Alvarenga*
Giovanni Alvarenga, PM



16015 Cairnway Dr. #842089
Houston, TX. 77284

Phone (281) 550-7107
Fax (281) 859-2939

Jan 10, 2025

Vinoth Manoharan
Aecom Technical Services, Inc.
19219 Katy Freeway, Suite 100
Houston, TX 77094

Re: Port Lavaca Water Supply System Improvements

Dear Mr. Manoharan,

As you may be aware, we are at the end of the contract time for the above-mentioned project. Due to unforeseen conditions, we respectfully request a time extension of 120 calendar days. This is mainly due to various incidents which happened throughout this project. Below is a brief description of the various delays which have taken place throughout the project.

As you may also recall when we started this project, we were told that the project time was to begin immediately. We stated that we did not expect the time to begin because we had no warning on the issuance of the contract. The time initiated on November 7, 2023. We were also informed that the contract time was to start on that date due to the funding from the state. It was also stated that a time extension would be provided if necessary. We made everyone aware that we had no approved materials to start construction activities. This process took nearly four months from the time of purchase orders, subcontracts, submittals and shop drawing review before we could begin construction.

As you know we have been awaiting on the 3 booster pumps for this project. Attached is the timeline of the purchase order issued Nov. 20, 2023, and the submittal process for these items. As you can see, we ordered the pumps back in July 2024 (except for motor) and pump motors were released separately at the beginning of September after revisions. The pumps were expected to be delivered by the 2nd week of November. Then on Oct. 22, 2024, meeting day we were informed that the pumps weren't going to be shipped until Feb. 11, 2025, per the attached letter from the manufacturer.

Consequently, we are unable to complete this project, and we respectfully request a necessary time extension of four months. Due to this fact we need to install

pumps, install electrical and schedule a start-up for proper testing of the pumps. The testing may consume several trips from the manufacturer.

In addition, we are also requesting a time extension for the reason of a change in the coating system. The original system for the interior of the Ground Storage tank roof and above the waterline was to apply a Carboguard 635 system which is an all-purpose immersion-grade epoxy that has a variety of attributes including low-temperature cure, surface tolerance, fast recoat times, moisture tolerance during application and cure. This system would have been applied within two weeks versus the Hydroplate 1100 which is a high-performance epoxy designed as an internal tank for water plants. This system has taken over 2 months to apply. Although Hydroplate is a much better system for the application, this has caused excessive time and materials and the use of a more elaborate equipment system. This Hydroplate coat system must be applied at certain temperatures and does not allow to be applied with a conventional spray system as originally intended. Instead, we must use an airless spray system using a pump with a ratio of 60 to 1. In addition, the curing time for Carboguard 635 is hours versus the curing time for the Hydroplate 1100 system is days. We are not able to complete this system due to the extremely cold temperatures we are now having.

Another item which has caused delays which again was beyond our control was the valves and floor drains for this project. We made our Purchase order to the vendor on January 31, 2024. The valve submittals were reviewed and approved by August 22, 2024. They were released for fabrication on August 08, 2024 and were to be delivered within 12-14 weeks after release. As of today, we have not received these valves and are waiting for their arrival. We have been informed that they will be delivered on January 22, 2025, but until we receive them, we cannot install them. We must disassemble our piping and properly install the required valves once received. This process has also delayed us by 90 days and assuming the manufacturer will deliver on January 22, 2025. Regarding the floor drains they were released April 19, 2024, and we did not receive all the floor drains until July 02, 2024, due to the extended

lead time on the chemical service floor drains. This pushed out the erection of the building and thus pushed out the construction activities related to it including the electrical work.

We unfortunately have been most recently notified of the drastic delivery date for the electric MOVs for the valves as well. They are expected to arrive at some time in April 25'. This may be seen in the attached letter from Freedom Waterworks FKA Cohen Industrial Supply. The existing valve information, which was provided in June 24', was what the manufacturer needed in order to provide a submittal. However, the manufacturer did not provide this to us until September which may be seen in the copy of the e-mail. We received the engineer response for it 9/24 rejected, however due to the timeline of this project we pushed the supplier to address the comments noted and move forward with procurement. JTR was not aware of such an extended delay until as of this date of letter.

Finally, at the beginning of the project the contract was modified regarding the distribution line. Instead of making our connection to the 12" water main underneath W George St., we would instead make the connection on-site back to the existing 12" pipe routed to the GST inlet. In December 24' we were notified that this existing 12" line is dead and not in service. This is where some last-minute changes were required, circling back to making the connection underneath George St., where JTR needed to re-introduce the associated scope of materials and subcontractors in order to complete this scope of work. Due to the time in between these changes, re-quotes were necessary as pricing was no longer valid.

As you can see, we have continuously man the project without ceasing operations, but due to delays beyond our control, we have not completed this project in the allotted time. We respectfully request a minimum of 120 days for its completion.

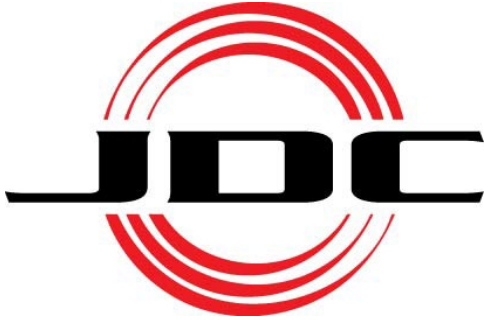
We hope you concur with the above. Please let us know if you have any questions.

Sincerely,

A handwritten signature in blue ink, appearing to be 'J. L. ...', is written over a faint, illegible printed name.

President

cc: File B



JDC Fluid Equipment, LLC
6710 Bourgeois Road
Houston, Texas 77066
Phone: 281-586-7087
Fax: 281-586-7088
Sales@jdcfluid.com

January 9, 2025

JTR Constructors, Inc.
P.O. Box #842089
Houston, Texas 77284

Reference: City of Port Lavaca
Water Supply Systems Improvements
Engineer: AECOM
JTR PO#: 22404 PO

No. of Pages: 1

Please see the Comments Received from Pentair Flow Technologies (Fairbanks) regarding the unforeseen delays for equipment delivery. The expected arrival for the castings below in reference, are raw castings, and will need to be machined in Kansas City, then go through quality control. Expected ship date is February 11, 2025. If you need any additional information please do not hesitate to ask.

Both of these castings have pushed out.

The casing is now expected to ship 12/2, and expected to arrive 12/9.

The impeller is due to ship 12/3, and ships from Canada so it will take some time to cross the border.

We hope to have it in-house by 12/18.

We are sorry, but we are not able to improve the ship date on this order.

Thank you. If you have any questions or need additional information please do not hesitate to ask.

Sincerely,
JDC Fluid Equipment LLC
Jeff Williams

From: [Giovanni Alvarenga](#)
To: [Jeff Williams](#)
Subject: RE: Submittals
Date: Friday, September 13, 2024 4:48:00 PM
Attachments: [JDC Fluid Equipment 03-Pump Submittal Response R2.pdf](#)
[image003.png](#)

Good afternoon,

Please see the attached submittal response for the pump motors. We're good to go, they're just requesting some items be included in the final O&M manual. If you have any questions/concerns, just let me know, thanks.

Respectfully,



Giovanni Alvarenga

Project Manager

Office: (281) 550-7107

P.O. BOX 842089 Houston, TX 77284

Mobile: (832) 428-5909 **Email:** galvarenga@jtrconstructors.com

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From: Jeff Williams <jeff.williams@jdcfluid.com>
Sent: Thursday, August 29, 2024 11:34 AM
To: Giovanni Alvarenga <galvarenga@jtrconstructors.com>
Subject: FW: Submittals

Giovanni,

Here is what received from Bob Roth regarding the motors. He says they are fine for the soft starters, but I have asked for him to put that in writing regarding the Engineers Comment. I would say we should get these submitted and then if the EE has more technical questions, he can reach out to Bob Roth.

Thanks

From: Bob Roth <broth@electricmotorspecialists.com>
Sent: Tuesday, August 27, 2024 12:28 PM
To: Jeff Williams <jeff.williams@jdcfluid.com>
Subject: Submittals

Bob Roth

Electric Motor Specialists, LLC
10727 B Peltier Lane
Houston, TX 77064
Office: 832-478-5231
Cell: 713-898-8659



SUBMITTAL RESPONSE FORM

SUBMITTAL No.: 23C

PROJECT NAME:	Water Supply System Improvements		
OWNER:	City of Port Lavaca		
PROJECT No.	60659778, Contract No. 1		
CONTRACTOR:	JTR Constructors, Inc.	DATE OF SUBMITTAL:	8/30/2024
REVIEWING FIRM/CONSULTANT:	AECOM		
DESCRIPTION:	Horizontal Split Case Centrifugal Pumps		

ACKNOWLEDGE RECEIPT
 NO EXCEPTION

EXCEPTIONS AS NOTED
 REJECTED – RESUBMIT

Comments:

1. Previous AECOM Response: Contractor to submit the information for the pump air release valve in a separate submittal.

AECOM Response: No information was provided in this submittal regarding the air release valve. JTR to provide air release valve in a separate submittal.

2. Previous AECOM Comment: It does not appear that the bearing life calculations were included in the submittal. Please submit the calculations.

AECOM Response: The calculations were not included in this submittal. Please submit the bearing life calculations as part of the O&M manual.

3. Previous AECOM Comment: It does not appear that the mechanical seal information was included in the submittal. Please submit the information.

AECOM Response: Please submit information on the mechanical seal as part of the O&M manual.

4. Previous AECOM Comment: Page 49 of the Submittal states that the Starting Method as "Special Note 5", but that is not defined in the submittal. Confirm that the motor is rated for use with a reduced voltage solid state starter.

Contractor Response: Per the motor manufacturer, the motor can be started across the line, which is full voltage. If a reduced voltage start is required, which is rare, the voltage at which the motor is expected to be started will need to be provided (i.e. 80%, 65% etc). More typical type of soft starting is current limit and the current motor inrush is 671% of full load. Typical Current Limit start for soft starting may be 650%, 625% or 600%.

AECOM Response: No Exceptions to this response.

Reviewed By: C. Patino/C. Rolan Date: 9/12/2024

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of his work with that of all other trades; and the satisfactory performance of his work.

From: [Rolen, Chris](#)
To: [Giovanni Alvarenga](#)
Cc: [Manoharan, Vinoth](#)
Subject: RE: CoPL Water Supply System Improvements
Date: Tuesday, October 15, 2024 12:14:19 PM
Attachments: [image002.png](#)

Good Afternoon Giovanni,

We checked with the structural engineer, and the Hydroplate 1100 system will be allowed throughout the interior surfaces, regardless of wet or dry conditions.

Thank you,

Chris Rolen, EIT
Water Engineer
D +1-281-675-1858
christopher.rolen@aecom.com

From: Giovanni Alvarenga <galvarenga@jtrconstructors.com>
Sent: Thursday, October 10, 2024 2:53 PM
To: Rolen, Chris <Christopher.Rolen@aecom.com>
Cc: Manoharan, Vinoth <Vinoth.Manoharan@aecom.com>
Subject: CoPL Water Supply System Improvements

Chris,

In regards to the coating system “Interior Dry above overflow wall shell and roof plates and structure” for the GST interior roof, Carboline advised that the product Carbozinc 621 PW is a special made product and would recommend going directly with the Hydroplate 1100. In this case we would follow the “Interior Wet Conditions” coating system consisting of Hydroplate 1100 with the rest of the interior.

I don't know why this wasn't recommended to us from the start during the submittal process, but if you may please advise at your earliest convenience so that we may place the order for those materials promptly. Thank you.

Respectfully,



Giovanni Alvarenga

Project Manager

Office: (281) 550-7107

P.O. BOX 842089 Houston, TX 77284

Mobile: (832) 428-5909 **Email:** galvarenga@jtrconstructors.com

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Giovanni Alvarenga

From: Reid Hudson <rhudson@cohenpipe.com>
Sent: Monday, January 29, 2024 11:07 AM
To: Giovanni Alvarenga
Cc: Hector Garcia
Subject: JTR Pricing - 2023-267 - PORT LAVACA - WATER SUPPLY SYSTEM.xlsx
Attachments: Rev. 1 - JTR Pricing - 2023-267 - PORT LAVACA - WATER SUPPLY SYSTEM.xlsx

Follow Up Flag: Follow up
Flag Status: Completed

Here's the revised quote Giovanni. Let me know if you have any questions.

Reid Hudson
Cohen Industrial Supply
11943 FM 529
Houston, TX 77041
Office: (713)467-3300 ext. 115
Cell: (713) 540-6693
rhudson@cohenpipe.com
www.cohenpipe.com



JTR

CONSTRUCTORS, PURCHASE ORDER

INC.

P.O. BOX #842089 / HOUSTON, TX 77284 / TEL: (281) 550-7107 FAX: (281) 859-2939		Page: <u>1</u> of <u>3</u>	
To: Cohen Industrial Supply Co. 11943 FM 529 Houston, TX 77041 Attention: Reid Hudson Tel. No. (713) 467-3300 Fax No. (000) 000-0000	P.O. Number: 22404	P.O. Date: 1/31/2024	File 15A
	Ship Date: See Note Nos.	Total P.O. Amount:	
	Terms: See Note Nos.	[] Sales Tax - Itemize & Add to Invoice [X] Sales Tax - Exempt, See Attached	
	F.O.B.: <u>Jobsites</u>	Freight: Incl.	
	Shipping Point: Port Lavaca, TX 77979	Ship Via: Your Truck	
	Ship To and Invoicing: See Purchasing Attachment No.: See Note Nos.		

ITEM	QUANTITY	DESCRIPTION	PRICE
Please enter our Purchase Order as described below and in accordance with the attached General Conditions & Supplemental Purchase Order Terms and Conditions			

Supply the following items complete in strict accordance with Contract Documents, Addenda's as per Plans and Specifications prepared by AECOM, Inc. for City of Port Lavaca, Owner of the Water System Improvements at 628 W George St., Port Lavaca, TX 77979 (Water Supply Plant) & 524 Village Rd., Port Lavaca, TX 77979 (Off-Site EST); JTR Job # 22404.

Provide materials necessary to complete the following: Piping & Valves

as per Specification section: **Division 15**

All Documents with reference to this order must show Purchase Order Number.
The Acceptance Copy of this order must be signed and returned to JTR promptly.

VENDOR: COHEN INDUSTRIAL SUPPLY CO.

BUYER: JTR CONSTRUCTORS, INC.

Accepted By: 

By: 

THIS ACCEPTANCE COPY MUST BE SIGNED AND RETURNED TO JTR PROMPTLY.

ACCEPTANCE COPY

SUBMITTAL RESPONSE FORM

SUBMITTAL No.: 64A

PROJECT NAME:	Water Supply System Improvements		
OWNER:	City of Port Lavaca		
PROJECT No.	60659778, Contract No. 1		
CONTRACTOR:	JTR Constructors, Inc.	DATE OF SUBMITTAL:	6/13/2024
REVIEWING FIRM/CONSULTANT:	AECOM		
DESCRIPTION:	Check, Butterfly, and Air Release Valve		

ACKNOWLEDGE RECEIPT
 NO EXCEPTION

EXCEPTIONS AS NOTED
 REJECTED – RESUBMIT

Comments:

10” and 12” Dual Disc Check Valve

1. Page 7 of the Submittal states that the body will be ductile iron while Section 15102 (2.05.A) calls for the body to be made of cast iron. The ductile Iron body is an acceptable substitute for cast iron.
2. The check valve section of the submittal does not include information for the interior coating. Provide information on the interior coating that will be installed on the check valves to show that it conforms with the specifications, Submittal 32, and NSF 61.
3. Page 8 of the submittal includes information on the primer for the check valve. There are No Exceptions to the Primer coating. However, confirm that the additional coats will confirm to the coating systems in Submittal 32.
4. Per Section 2.05.A, please confirm the valve is tested per AWWA C508.

6", 8", 10" and 12" Butterfly Valve

1. Per Spec 15109 (2.02.B.2.b), confirm the manual actuator is designed to produce the required torque with a max pull of 80 pounds on the handwheel and chainwheel.
2. Please confirm whether the interior coating provided is the primer and/or finish coating. There are No Exceptions to the Tnemec coating, but if the coating will be a primer, please confirm that the finish coating will conform to the coating systems in Submittal 32.
3. Page 16 of the submittal includes information on the primer for the butterfly valve. There are No Exceptions to the Primer coating. Please confirm that the additional coats will conform to the coating systems in Submittal 32.

2" Air Release Valve

1. There are No Exceptions to the 2" Air Release Valve.
2. Page 21 of Submittal 23B states that the vent tap on top of the pump is 1/2" and not 2". Please provide a submittal for the 1/2" air release valve that will be installed on the pumps.
3. Per Spec 15111 (1.13.A), the manufacturer must provide a warranty for two (2) years from date of substantial completion. The warranty included in the submittal states that a limited warranty of one year will be provided. Please confirm that a two year warranty will be provided and submit the revised warranty certificate as part of the O&M manual.

Reviewed By: C. Patino/C.Rolen Date: 8/19/2024

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of his work with that of all other trades; and the satisfactory performance of his work.

SUBMITTAL RESPONSE FORM

SUBMITTAL No.: 45B

PROJECT NAME:	Water Supply System Improvements		
OWNER:	City of Port Lavaca		
PROJECT No.	60659778, Contract No. 1		
CONTRACTOR:	JTR Constructors, Inc.	DATE OF SUBMITTAL:	4/12/2024
REVIEWING FIRM/CONSULTANT:	AECOM		
DESCRIPTION:	Floor Drains		

ACKNOWLEDGE RECEIPT
 NO EXCEPTION

EXCEPTIONS AS NOTED
 REJECTED – RESUBMIT

Comments:

1. Previous AECOM Comment: The building has floor drains in the chemical rooms and the booster pump room. Please confirm if the same floor drains will be used for all the floor drains in the building.

Contractor Response: Yes all will be consistent.

AECOM Response: No Exceptions to this Response.

2. Previous AECOM Comment: The drawing on Page 3 of the submittal does not appear to show what type of connection the plug has. Confirm that the plug has a threaded or restrained connection that is removable as stated in Detail 7 on Dwg. A-C-2.

Contractor Response: Plug is threaded and is removable.

AECOM Response: No Exceptions to this Response.

3. Previous AECOM Comment: Nikaloy appears to be a proprietary product for Jospam. Confirm that Nikaloy and the Satin coating will provide a chemical resistant coating for the LAS and Chlorine rooms as called for in the notes on the chemical room drawings.

Contractor Response: As noted on last page of submittal, Nikaloy and Josam's standard satin finish are able to withstand harsh chemicals.

AECOM Response: No Exceptions to this Response.

4. Previous AECOM Comment: The submitted cleanout was provided with a backwater valve. Please provide a floor drain that does not have a backwater valve.

Contractor Response: Option for less backwater valve is now marked.

AECOM Response: Provide a floor drain that does not have the backwater valve. No Exceptions to this Response.

Reviewed By: C. Patino/C.Rolen Date: 4/17/2024

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of his work with that of all other trades; and the satisfactory performance of his work.

Giovanni Alvarenga

From: Giovanni Alvarenga
Sent: Thursday, August 22, 2024 10:36 AM
To: Hector Garcia
Subject: CoPL Water Supply System Improvements
Attachments: Cohen 23 - Couplings Submittal Response R1.pdf; Cohen 24 - Yard PVC Pipe & Fittings Submittal Response R1.pdf; Cohen 25 - Expansion Joints Submittal Response R1.pdf; Cohen 26 - Check, BFV, & Air Release Valves Submittal Response R0.pdf

Good morning,

Attached are the submittal responses for the Couplings, PVC Pipe & Fittings, Expansions Joints, and Check/BFV/Air Release Valves.

- Couplings: If you may confirm the 1 comment that is repeated, I'll take care of response.
- PVC Pipe/Fittings: We're good to go. I'm going to take a moment to review scope against vendor supplied equipment and make sure we're good to prior to release of materials.
- Expansions Joints: Good to go, please advise lead time on these
- Valves: Ignore comments related to coatings, JTR to coat accordingly. Please release and advise on remaining.

Respectfully,



Giovanni Alvarenga

Project Manager

Office: (281) 550-7107

P.O. BOX 842089 Houston, TX 77284

Mobile: (832) 428-5909 **Email:** galvarenga@jtrconstructors.com

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Giovanni Alvarenga

From: Giovanni Alvarenga
Sent: Friday, April 19, 2024 4:50 PM
To: 'Hector Garcia'
Subject: CoPL Water Supply System Improvements
Attachments: Cohen 10 - Floor Drains Submittal Response R1.pdf; Cohen 11 - Fabricated Ductile Iron Pipe Submittal Response R1.pdf

Good afternoon,

Please see the attached submittal responses for the floor drains and fabricated DI pipe approved. We should be good to move forward with release of the floor drains now.

Also, if I may follow-up on the submittals for the PVC piping, etc.

Respectfully,



Giovanni Alvarenga

Project Manager

Office: (281) 550-7107

P.O. BOX 842089 Houston, TX 77284

Mobile: (832) 428-5909 **Email:** galvarenga@jtrconstructors.com

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Giovanni Alvarenga

From: Hector Garcia <hgarcia@cohenpipe.com>
Sent: Thursday, June 6, 2024 11:59 AM
To: Giovanni Alvarenga
Subject: RE: CoPL Water Supply System Improvements

Follow Up Flag: Follow up
Flag Status: Flagged

Good morning Giovanni,

As mentioned on our call yesterday, we have all of the related drain materials ready and have 1 of the drains. Manufacturer is saying the receiving date for the rest of the drains is 8/9 which is out a couple months due to them coming in from overseas. I'm sure we want to try and see what other options we can go with. I'm checking with them to see if there is anything comparable to the ones submitted that are available. I may have to find another comparable brand if they don't have anything available. Let me know how to proceed.

Thanks

Hector Garcia
11943 FM 529
Houston, TX 77041
Cell: 210-243-9957
Hgarcia@cohenpipe.com



Your trusted, go-to source
For process piping, fabrication and solutions

From: Giovanni Alvarenga <galvarenga@jtrconstructors.com>
Sent: Tuesday, June 4, 2024 2:13 PM
To: Hector Garcia <hgarcia@cohenpipe.com>
Subject: RE: CoPL Water Supply System Improvements

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Good afternoon,

Attached are the shop drawings for this Port Lavaca project noted for revision. I've mentioned the combo air/vac valve previously, on the valve submittal, but just let me know what we need to do to get that corrected.

Additionally, would you have an update on those floor drains and related drain materials? An ETA on that would be greatly appreciated, as that is what is currently holding us back from moving forward on other construction activities.

Respectfully,



Giovanni Alvarenga

Project Manager

Office: (281) 550-7107

P.O. BOX 842089 Houston, TX 77284

Mobile: (832) 428-5909 **Email:** galvarenga@jtrconstructors.com

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From: Giovanni Alvarenga

Sent: Friday, May 24, 2024 10:56 AM

To: 'Hector Garcia' <hgarcia@cohenpipe.com>

Subject: RE: CoPL Water Supply System Improvements

Good morning,

I just need to follow-up on that material related to the floor drains and piping. If you may advise at your earliest convenience.

Respectfully,



Giovanni Alvarenga

Project Manager

Office: (281) 550-7107

P.O. BOX 842089 Houston, TX 77284

Mobile: (832) 428-5909 **Email:** galvarenga@jtrconstructors.com

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From: Giovanni Alvarenga

Sent: Tuesday, May 21, 2024 4:57 PM

To: 'Hector Garcia' <hgarcia@cohenpipe.com>

Subject: RE: CoPL Water Supply System Improvements

Hector,

Resubmittals and shop drawings have been received, thank you!

May I ask for status on those floor drains and associated ductile iron piping materials. We have a progress meeting next week and we're just waiting on those drains to pour the slab, so if we have a date on that, that would be greatly appreciated.

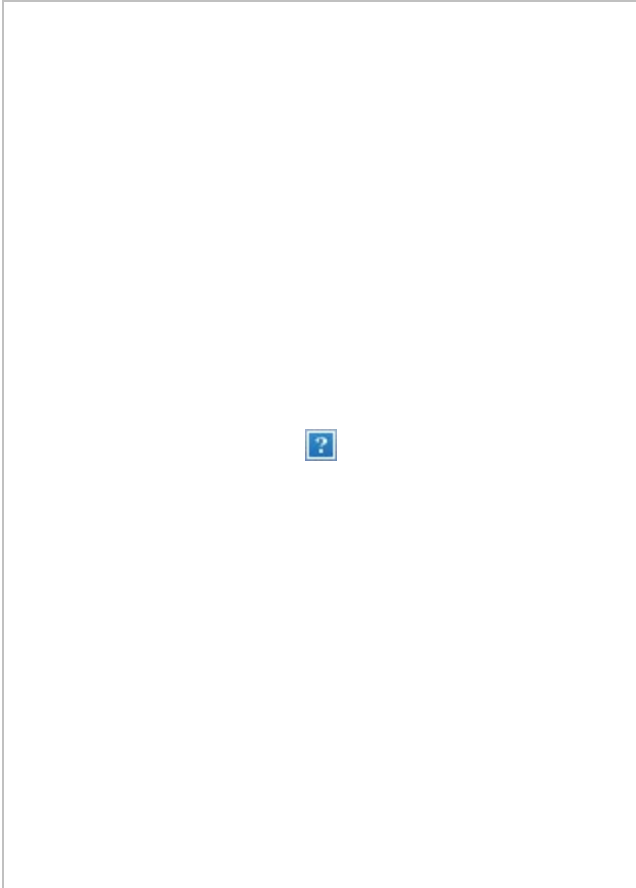
Respectfully,

From: Pete.Montes@ferguson.com
To: [Giovanni Alvarenga](#)
Subject: RE: Floor Drain Availability/Quote***Bid#: B528671
Date: Wednesday, July 3, 2024 9:17:06 AM
Attachments: [image001.jpg](#)
[image002.png](#)
[image003.png](#)

Giovanni,

Good Morning! I am showing that the floor drains were delivered yesterday (7/2/2024) and signed for by Eric M. Please confirm receipt.

AAA cooper 622172534



Thank you,

[Please Rate Our Customer Service](#)

Pete Montes
Sales Project Manager II
Strategic Infrastructure Group

Ferguson Waterworks
Teams: (210) 253-8006
Cell: (346) 380-1751

Email: pete.montes@ferguson.com

www.Ferguson.com/Waterworks

From: Pete Montes <Pete.Montes@ferguson.com>
Sent: Wednesday, June 26, 2024 4:36 PM
To: Giovanni Alvarenga <galvarenga@jtrconstructors.com>
Subject: RE: Floor Drain Availability/Quote***Bid#: B528671

Giovanni,

They are coming from Michigan City, IN.

Thank you,

[Please Rate Our Customer Service](#)

Pete Montes
Sales Project Manager II
Strategic Infrastructure Group

Ferguson Waterworks
Teams: (210) 253-8006
Cell: (346) 380-1751
Email: pete.montes@ferguson.com

www.Ferguson.com/Waterworks

From: Giovanni Alvarenga <galvarenga@jtrconstructors.com>
Sent: Wednesday, June 26, 2024 4:26 PM
To: Pete Montes <Pete.Montes@ferguson.com>
Subject: RE: Floor Drain Availability/Quote***Bid#: B528671

Caution: This email originated from outside of the organization. DO NOT click links or open attachments unless you recognize and trust the sender.

Pete,

May you advise where they're shipping out the drains from? Just want to make sure its not local enough for us to just pick up, unless it's coming from far out elsewhere.

Respectfully,

Giovanni Alvarenga

Project Manager

Office: (281) 550-7107



P.O. BOX 842089 Houston, TX 77284

Mobile: (832) 428-5909 **Email:** galvarenga@jtrconstructors.com

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From: Pete.Montes@ferguson.com <Pete.Montes@ferguson.com>

Sent: Friday, June 21, 2024 2:37 PM

To: Giovanni Alvarenga <galvarenga@jtrconstructors.com>

Subject: RE: Floor Drain Availability/Quote***Bid#: B528671

Giovanni,

Floor drains are scheduled to ship out 07/05/2024.

Thank you,

[Please Rate Our Customer Service](#)

Pete Montes
Sales Project Manager II
Strategic Infrastructure Group

Ferguson Waterworks
Teams: (210) 253-8006
Cell: (346) 380-1751
Email: pete.montes@ferguson.com

www.Ferguson.com/Waterworks

From: Pete Montes <Pete.Montes@ferguson.com>

Sent: Friday, June 21, 2024 12:02 PM

To: Giovanni Alvarenga <galvarenga@jtrconstructors.com>

Subject: RE: Floor Drain Availability/Quote***Bid#: B528671

Giovanni,

Checking on this for you now. Will keep you posted as soon as feasible.

Thank you,

[Please Rate Our Customer Service](#)

Pete Montes
Sales Project Manager II
Strategic Infrastructure Group

Ferguson Waterworks
Teams: (210) 253-8006
Cell: (346) 380-1751
Email: pete.montes@ferguson.com

www.Ferguson.com/Waterworks

From: Giovanni Alvarenga <galvarenga@jtrconstructors.com>
Sent: Friday, June 21, 2024 11:16 AM
To: Pete Montes <Pete.Montes@ferguson.com>
Subject: RE: Floor Drain Availability/Quote***Bid#: B528671

Caution: This email originated from outside of the organization. DO NOT click links or open attachments unless you recognize and trust the sender.

Pete,

May I follow up on those floor drains, do we have date that we can look towards?

Respectfully,



Giovanni Alvarenga

Project Manager

Office: (281) 550-7107
P.O. BOX 842089 Houston, TX 77284

Mobile: (832) 428-5909 **Email:** galvarenga@jtrconstructors.com

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From: Pete.Montes@ferguson.com <Pete.Montes@ferguson.com>
Sent: Monday, June 10, 2024 4:16 PM
To: Giovanni Alvarenga <galvarenga@jtrconstructors.com>
Cc: Kyle.Key@Ferguson.com; Victor.Rodriguez1@ferguson.com;
4cb2642d.mydigitalspace.onmicrosoft.com@amer.teams.ms
Subject: RE: Floor Drain Availability/Quote***Bid#: B528671

Giovanni,

Attached you will find our Quote#: B528671 per our conversations below. I do want to point out that

lead time moved to 2-3 Weeks ARO since our supplier had previously only given me the non-chemically resistant option.

They came back with the correct option but lead time increased due to the coating.

If approved, please respond to this e-mail and I will get this going for you.

Thank you,

[Please Rate Our Customer Service](#)

Pete Montes
Sales Project Manager II
Strategic Infrastructure Group

Ferguson Waterworks
Teams: (210) 253-8006
Cell: (346) 380-1751
Email: pete.montes@ferguson.com

www.Ferguson.com/Waterworks

From: Giovanni Alvarenga <galvarenga@jtrconstructors.com>

Sent: Friday, June 7, 2024 2:01 PM

To: Pete Montes <Pete.Montes@ferguson.com>

Cc: Kyle Key <Kyle.Key@Ferguson.com>; Victor Rodriguez Jr <Victor.Rodriguez1@ferguson.com>

Subject: FW: Floor Drain Availability/Quote

Caution: This email originated from outside of the organization. DO NOT click links or open attachments unless you recognize and trust the sender.

Good afternoon,

We are in need of some floor drains such as the one in the attached PDF or something similar. The main features that we're looking for is: 4" outlet, chemically resistant, and no backwater valve

Would you be able to look into availability and pricing on this for us?

Respectfully,



Giovanni Alvarenga

Project Manager

Office: (281) 550-7107

P.O. BOX 842089 Houston, TX 77284

Mobile: (832) 428-5909 **Email:** galvarenga@jtrconstructors.com

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From: [Tony Gonzalez](#)
To: [Giovanni Alvarenga](#)
Subject: FW: Port Lavaca Gate valve EMO
Date: Thursday, September 12, 2024 3:44:50 PM
Attachments: [image001.png](#)
[wiring dia.PDF](#)
[dim drawing.PDF](#)
[Data sheet.pdf](#)

Please submit this actuator for approval. Thanks!

Best Regards,

Tony Gonzalez

President || **JTR Constructors, Inc.** || 16015 Cairnway Dr. #842089 Houston, TX 77284 || P 281.550.7107 F 281.859.2939

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From: Leslie Cohen <leslie@cohenpipe.com>
Sent: Thursday, September 12, 2024 3:26 PM
To: Tony Gonzalez <tgonzalez@jtrconstructors.com>; Jackie Gonzalez <jgonzalez@jtrconstructors.com>
Subject: Fwd: Port Lavaca Gate valve EMO

Here you go

Sent from my iPhone

Begin forwarded message:

From: David McGoodwin <DMcGoodwin@municipalvalve.com>
Date: September 12, 2024 at 3:23:33 PM CDT
To: Leslie Cohen <leslie@cohenpipe.com>
Subject: Port Lavaca Gate valve EMO

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Leslie,

Attached is the wiring diagram, data sheet and dimensioned drawing for the AUMA operators. We will be able to use the same operator for all 3 12" valves.

Thank you,

David McGoodwin

Office: 972.248.2600

WWW.MunicipalValve.com

Dmcgoodwin@municipalvalve.com

SUBMITTAL RESPONSE FORM

SUBMITTAL No.: 74A

PROJECT NAME:	Water Supply System Improvements		
OWNER:	City of Port Lavaca		
PROJECT No.	60659778, Contract No. 1		
CONTRACTOR:	JTR Constructors, Inc.	DATE OF SUBMITTAL:	9/12/2024
REVIEWING FIRM/CONSULTANT:	AECOM		
DESCRIPTION:	Motor Actuators		

ACKNOWLEDGE RECEIPT
 NO EXCEPTION

EXCEPTIONS AS NOTED
 REJECTED – RESUBMIT

Comments:

1. Page 2 of the Submittal includes language about a 12" gate valve. Please confirm if the actuator submitted is only for use on the GTS inlet or if it will also be for the valves at the George Street EST. If installation is for the buried valves, confirm the stem extension and stem sleeve is provided and coordinated by JTR. Provide shop drawings of the actuator pedestal installation.
2. Confirm that the actuator manufacturer coordinated with the gate valve manufacturer to ensure that the actuator will fit the gate valve.
3. The submittal is not clear about what material the actuator housing will be. If the actuator housing is metal, provide information on the coating that will be provided. Confirm the paint finish will be baked on polyester powder coating 70 microns thick as specified in section 15104 (2.04).
4. Page 4 of the Submittal includes links to documents related to the actuator. Provide all of these documents in the O&M manual.
5. Provide information to show that the manufacturer has an ISO 9001 certification, or confirm that the manufacturer has a comparable quality control system as stated in Section 15104 (1.04.18).

6. Confirm the actuator has a torque capacity 150% above the maximum operating torque of the existing and/or proposed valves (15104, 2.02.A.2)
7. The submittal is not clear about the details of the drive unit. Please provide additional information or mark up the Specification Section (2.02.E) to show that the drive unit conforms to the specifications.
8. As stated in Section 15104 (2.02.R), confirm all fasteners and hardware are type 316 stainless steel.

Reviewed By: C. Patino/C.Rolen Date: 9/23/2024

Checking is only for general conformance with the design concept of the project and general compliance with the information given in the contract documents. Any action shown is subject to the requirements of the plans and specifications. Contractor is responsible for dimensions which shall be confirmed and correlated at the job site; fabrication processes and techniques of construction; coordination of his work with that of all other trades; and the satisfactory performance of his work.



January 9, 2025

Tony Gonzalez
JTR Construction
32353 Morton Road
Brookshire, TX 77423

RE: City of Port Lavaca Water Supply System: AUMA Electronic Motor Actuators

This letter is to provide information on the status of the electric motor operators for the City of Port Lavaca Water Supply System improvements project. The manufacturer of the electronic operators, AUMA, have been in possession of the returned submittal no. 74A since October with the expectation of addressing Aecom's comments. Municipal Valve & Equipment is the representative of AUMA and has not been able to provide any substantial update from the manufacturer regarding these comments. The main issue appears to be ensuring that the new actuator will be able to retrofit the existing gate valves. Freedom has provided the information requested on the existing valves but have yet to receive a response. As of this moment the estimated lead time for these operators is April until further notified. We apologize for the inconvenience and Freedom Waterworks is adamant to push this date closer to the project's expectation.

Sincerely,

Reid Hudson
11943 FM 529
Houston, TX 77493





TR-029 **TRANSMITTAL SHEET**

P.O. BOX #842089 Houston, TX 77284 Phone 281/ 550-7107 Fax 281/ 859-2939

Date: 01/10/25

Job: City of Port Lavaca

Water Supply System Improvements

To: AECOM

19219 Katy Freeway, Ste. 100

Houston, TX 77094

PCO 3R - WL Hot Tap

Attn: Chris Rolan, EIT / Vinoth Manoharan PE

- | | | |
|----------------|---------------------------|-------------------------------------|
| We are sending | herewith..... | <input checked="" type="checkbox"/> |
| | under separate cover..... | <input type="checkbox"/> |
| | by messenger..... | <input type="checkbox"/> |

1 print(s) each of the following: PCO 3R - WL Hot Tap

- | | | |
|-----------|---|-------------------------------------|
| which are | approved..... | <input type="checkbox"/> |
| | approved as noted..... | <input type="checkbox"/> |
| | returned to you for correction and resubmittal..... | <input type="checkbox"/> |
| | for your information..... | <input type="checkbox"/> |
| | for your review..... | <input checked="" type="checkbox"/> |

cc:

By: *Giovanni Alvarenga*
Giovanni Alvarenga, PM

JTR CONSTRUCTORS, INC.

FILE PC003

CITY OF PORT LAVACA
WATER PLANT

JOB #22404

10-Jan-25

PROPOSED CHANGE #

3R

DESCRIPTION: INSTALL WATER LINE AND TAP

LABOR (BARE)	9,270.00
LABOR BURDEN (55%)	5,098.50
SAFETY EQUIP(5%)	463.50
LABOR TOTAL	14,832.00
MATERIALS	26,220.33
SUBCONTRACT	6,169.00
P.C. SUBTOTAL	47,221.33
OVERHEAD (10%)	4,722.13
PROFIT (5%)	2,361.07
BOND (2.5%)	1,358.00
INSURANCE (1.5)	815.00
TOTAL PC AMOUNT	56,478.00

TIME EXTENSION: 45 DAYS

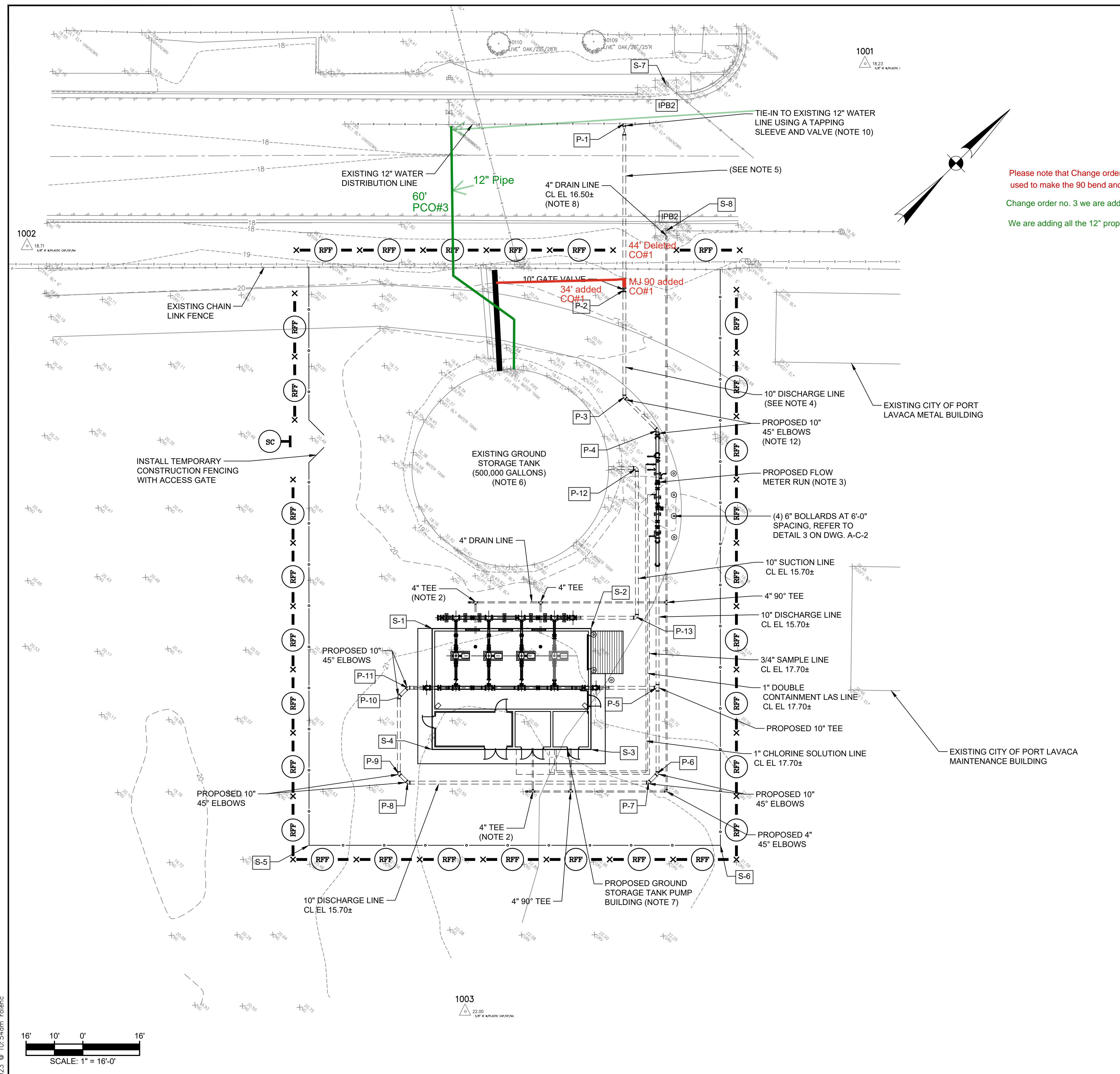
If we are allowed to use C900	54,616.00
If City provides gate valve	50,867.00

BAR IS ONE INCH IN LENGTH ON ORIGINAL DRAWING. CHECK SCALE AND ADJUST ACCORDINGLY.
ONE INCH

NOTES:

1. PROVIDE APPROPRIATE RESTRAINTS ON ALL TEES, WYES, BENDS, CROSSES, VALVES, AND OFFSETS PER PIPING SCHEDULE NOTE 12 ON DWG. NO. B-G-2.
2. PROVIDE CLEAN-OUT ON ALL ELBOWS AND TEES ON DRAIN LINE. REFER TO DETAIL 7 ON DWG. A-C-2 FOR CLEAN-OUT DETAIL.
3. REFER TO DWG. NO. B-M-6 FOR METER RUN PLAN AND SECTIONS.
4. CENTERLINE ELEVATION OF EXISTING 12" WATER DISTRIBUTION LINE TO BE DETERMINED BY CONTRACTOR. CENTERLINE OF PROPOSED 8" DISCHARGE LINE TO MATCH CENTERLINE OF EXISTING DISTRIBUTION LINE. PROVIDE A MINIMUM OF 4'-0" OF COVER ABOVE THE PIPE WHERE POSSIBLE.
5. PROPOSED 8" LINE TO BE INSTALLED BY OPEN CUT METHOD. LANE CLOSURES DURING PIPE INSTALLATION TO BE COORDINATED WITH CITY OF PORT LAVACA. PREPARE SUBGRADE, INSTALL BASE COURSE, AND INSTALL PAVEMENT ACCORDING TO TX DOT SPECIFICATIONS.
6. REFER TO DWGS. NO. B-M-1 TO B-M-5 FOR GROUND STORAGE TANK REHABILITATION DRAWINGS AND PHOTOGRAPHS.
7. REFER TO DWGS. NO. B-M-7 TO B-M-12 FOR GROUND STORAGE TANK PUMP BUILDING PLANS AND SECTIONS.
8. CONNECT PROPOSED 4" DRAIN LINE TO THE EXISTING STORM SEWER MANHOLE. SLOPE OF 4" DRAIN LINE TO BE A MINIMUM OF 0.53%.
9. CONTRACTOR TO COORDINATE LAYDOWN AREA WITH THE OWNER.
10. REFER TO TECHNICAL SPECIFICATION SECTION 02525 - "TAPPING SLEEVES AND VALVES" FOR ADDITIONAL INFORMATION.
11. CONTRACTOR SHALL ONLY USE THE WESTERNMOST GATE ALONG WEST GEORGE STREET TO ACCESS THE SITE.
12. PIPE FITTINGS TO BE INSTALLED WITH RESTRAINED JOINTS INSTEAD OF THRUST BLOCKING.
13. CONTRACTOR SHALL GRADE SITE TO MATCH EXISTING DRAINAGE PATTERN.

Please note that Change order no 1 a credit of \$ 30,000 was issued. The pipe which extended to the existing waterline was used to make the 90 bend and tie in to the existing fill line. No pipe line was credit. Only the work outside the fence was credit
Change order no. 3 we are adding the work outside the property and Therefore \$ 30,000 must be added back to the Change order in addition
We are adding all the 12" proposed pipe line This is considered all new pipe and materials.



PIPE AND VALVE CONTROL POINTS			
POINT	NORTHING	EASTING	DESCRIPTION
P-1	13415222.0596	2727679.4616	TAPPING VALVE CONNECTION TO EXISTING 12" WATER LINE
P-2	13415185.8469	2727709.2357	12" GATE VALVE ON DISCHARGE LINE DOWNSTREAM OF FLOW METER RUN
P-3	13415162.4962	2727728.4216	12" 45° ELBOW ON DISCHARGE LINE DOWNSTREAM OF FLOW METER RUN
P-4	13415161.2042	2727741.5436	12" 45° ELBOW ON DISCHARGE LINE DOWNSTREAM OF FLOW METER RUN
P-5	13415105.0808	2727787.6736	12" TEE ON DISCHARGE LINE UPSTREAM OF FLOW METER RUN
P-6	13415086.3793	2727803.0482	12" 45° ELBOW ON DISCHARGE LINE UPSTREAM OF FLOW METER RUN
P-7	13415082.7980	2727802.6971	12" 45° ELBOW ON DISCHARGE LINE UPSTREAM OF FLOW METER RUN
P-8	13415039.7538	2727750.2964	12" 45° ELBOW ON DISCHARGE LINE UPSTREAM OF FLOW METER RUN
P-9	13415040.1049	2727746.7151	12" 45° ELBOW ON DISCHARGE LINE UPSTREAM OF FLOW METER RUN
P-10	13415056.8414	2727732.9594	12" 45° ELBOW ON DISCHARGE LINE UPSTREAM OF FLOW METER RUN
P-11	13415060.4227	2727733.3105	12" 45° ELBOW ON DISCHARGE LINE UPSTREAM OF FLOW METER RUN
P-12	13415149.2644	2727743.8386	12" 90° ELBOW ON GROUND STORAGE TANK SUCTION LINE
P-13	13415116.6505	2727770.6510	12" 90° ELBOW ON GROUND STORAGE TANK SUCTION LINE

STRUCTURE CONTROL POINTS			
POINT	NORTHING	EASTING	DESCRIPTION
S-1	13415077.6728	2727727.6728	NORTHWEST CORNER OF GST PUMP BUILDING
S-2	13415106.1298	2727762.5697	NORTHEAST CORNER OF GST PUMP BUILDING
S-3	13415079.7280	2727784.2563	SOUTHEAST CORNER OF GST PUMP BUILDING
S-4	13415051.2710	2727749.6120	SOUTHWEST CORNER OF GST PUMP BUILDING
S-5	13415008.4143	2727739.9751	SOUTHWEST CORNER OF TEMPORARY FENCE
S-6	13415082.0073	2727829.5689	SOUTHEAST CORNER OF TEMPORARY FENCE
S-7	13415238.0512	2727681.4851	INLET ON NORTHWEST SIDE OF GEORGE STREET
S-6	13415206.1999	2727707.7741	INLET ON SOUTHEAST SIDE OF GEORGE STREET



TCE No. 105070 (10/15/2021) Proj: City of Port Lavaca\City of Port Lavaca\60659778 Water system planning and WWP expansion\900 CAD, GIS\910-CAD\9778 WTP B-C-2 Prop Site.dwg
 Plot Time: Jun 23, 2023 @ 10:54am rcbrc

NO.	DATE	REVISION	APPROV.
4			
3			
2			
1			

DESIGNED BY CR
 DRAWN BY AECOM
 CHECKED BY VM
 REVIEWED BY MA



AECOM TECHNICAL SERVICES, INC.
 19219 KATY FREEWAY, SUITE 100
 HOUSTON, TEXAS 77094
 WWW.AECOM.COM
 TBPELS REG. NO. F-3580

CITY OF PORT LAVACA TEXAS
 WATER SUPPLY SYSTEM
 IMPROVEMENTS

CIVIL
 PROPOSED OVERALL SITE PLAN

DWG NO. B-C-2
 SHEET NO. 15 OF 51
 DATE: JUNE 2023
 PROJ REF 60659778

SUMMARY
RECAP

PROJECT: PORT LAVACA WATER PLANT
 LOCATION: PORT LAVACA, TEXAS
 DESCRIPTION: PIPE INSTALLATION
 FILENAME: S:\Projects\22404-PortLavaca\WP\PCO\PCO04HottapWL\PIPE.xlsm]Summary&Detail

EST No. E-
 BID DATE:
 ENGINEER:
 OWNER:

SPEC. SECTIONS:
 ESTIMATOR:

LINE ITEM	DESCRIPTION	SIZE	QTY	UNIT	WAGE RATE	UNIT M.H.	DIFF FACT	TOTAL M.H.	UNIT EQUIPMENT	UNIT CONSUMABLES	UNIT MATERIAL	UNIT SUBS	TOTAL LABOR	TOTAL EQUIPMENT	TOTAL CONSUMABLES	TOTAL MATERIALS	TOTAL SUBS	TOTAL COST
1	REMOVE EXISTING WATERLINE				45.00			16					720	150	145	0	0	1,015
2	NEW WATERLINE				45.00			61					2,745	0	659	0	0	3,404
3	LINE ITEM 3				#DIV/0!			0					0	0	0	0	0	0
4	LINE ITEM 4				#DIV/0!			0					0	0	0	0	0	0
5	LINE ITEM 5				#DIV/0!			0					0	0	0	0	0	0
6	LINE ITEM 6				#DIV/0!			0					0	0	0	0	0	0
7	LINE ITEM 7				#DIV/0!			0					0	0	0	0	0	0
8	LINE ITEM 8				#DIV/0!			0					0	0	0	0	0	0
9	LINE ITEM 9				#DIV/0!			0					0	0	0	0	0	0
10	LINE ITEM 10				#DIV/0!			0					0	0	0	0	0	0
11	LINE ITEM 11				#DIV/0!			0					0	0	0	0	0	0
12	LINE ITEM 12				#DIV/0!			0					0	0	0	0	0	0
13	LINE ITEM 13				#DIV/0!			0					0	0	0	0	0	0
14	LINE ITEM 14				#DIV/0!			0					0	0	0	0	0	0
15	LINE ITEM 15				#DIV/0!			0					0	0	0	0	0	0
	TOTAL PIPE INSTALLATION							77					3,465	150	804	0	0	4,419
	AMOUNT WHICH MAY BE SUBCONTRACT							0					0	0	0	0	0	0
	REMAINDER OF PIPE INSTALLATION							77					3,465	150	804	0	0	4,419

SUB-CONTRACT	ITEM/CREW	DESCRIPTION	SIZE	QTY	UNIT	WAGE RATE	UNIT M.H.	DIFF FACT	TOTAL M.H.	UNIT EQUIPMENT	UNIT CONSUMABLES	UNIT MATERIAL	UNIT SUBS	TOTAL LABOR	TOTAL EQUIPMENT	TOTAL CONSUMABLES	TOTAL MATERIALS	TOTAL SUBS	TOTAL COST
	1	REMOVE EXISTING WATERLINE				45.00			16					720	150	145	0	0	1,015
	HA	REMOVE EXISTING FLG 45	12.00	1	EA	45.00	2.000	1.00	2	0.00	20.00	0.00	0	90	0	20	0	0	110
	HA	REMOVE EXISTING SPOOL	12.00	1	EA	45.00	2.500	1.00	3	0.00	25.00	0.00	0	135	0	25	0	0	160
	HA	REMOVE EXISTING 45 BEND	12.00	1	EA	45.00	2.000	1.00	2	0.00	20.00	0.00	0	90	0	20	0	0	110
	HU	REMOVE THRUST BLOCK	12.00	1	EA	45.00	3.200	1.00	3	150.00	50.00	0.00	0	135	150	50	0	0	335
	HU	CUT PIPE	12.00	2	LF	45.00	3.000	1.00	6	0.00	15.00	0.00	0	270	0	30	0	0	300

SUB-CONTRACT	ITEM/CREW	DESCRIPTION	SIZE	QTY	UNIT	WAGE RATE	UNIT M.H.	DIFF FACT	TOTAL M.H.	UNIT EQUIPMENT	UNIT CONSUMABLES	UNIT MATERIAL	UNIT SUBS	TOTAL LABOR	TOTAL EQUIPMENT	TOTAL CONSUMABLES	TOTAL MATERIALS	TOTAL SUBS	TOTAL COST
	2	NEW WATERLINE				45.00			61					2,745	0	659	0	0	3,404
	HA	FLG DI 45	12.00	1	EA	45.00	2.500	1.00	3	0.00	20.00	0.00	0	135	0	20	0	0	155
	HA	FxF SP 7-0	12.00	1	EA	45.00	3.500	1.00	4	0.00	20.00	0.00	0	180	0	20	0	0	200
	HA	FLG DI 45	12.00	1	EA	45.00	2.500	1.00	3	0.00	20.00	0.00	0	135	0	20	0	0	155
	HU	FLANGE ADAPTER	12.00	2	EA	45.00	2.000	1.00	4	0.00	20.00	0.00	0	180	0	40	0	0	220
	HU	DUCTILE IRON PIPE	12.00	65	LF	45.00	0.250	1.00	16	0.00	1.60	0.00	0	720	0	104	0	0	824
	HU	M.J. DI TEE	12.00	0	EA	45.00	0.000	1.00	0	0.00	0.00	0.00	0	0	0	0	0	0	0
	HU	M.J. DI 45	12.00	2	EA	45.00	2.500	1.00	5	0.00	20.00	0.00	0	225	0	40	0	0	265
	HU	STAR GRIPS	12.00	4	EA	45.00	2.000	1.00	8	0.00	20.00	0.00	0	360	0	80	0	0	440
	HU	EXPOSE EXISTING PIPE	12.00	1	EA	45.00	8.000	1.00	8	0.00	50.00	0.00	0	360	0	50	0	0	410
	HU	THRUST BLOCK	12.00	3	EA	45.00	3.200	1.00	10	0.00	95.00	0.00	0	450	0	285	0	0	735

JTR CONSTRUCTRS, INC.

SUMMARY
RECAP

PROJECT: PORT LAVACA WATER PLANT
 LOCATION: PORT LAVACA, TEXAS
 DESCRIPTION: PIPE EXCAVATION
 FILENAME: S:\Projects\22403-ShenandoahWWTP\PCO\PCO07 MIBldg\PAINT.xls\Sheet1

EST No. E-
 BID DATE:
 ENGINEER:
 OWNER:

SPEC. SECTIONS:
 ESTIMATOR:

LINE ITEM	DESCRIPTION	QTY	UNIT	WAGE RATE	UNIT M.H.	DIFF FACT	TOTAL M.H.	UNIT EQUIPMENT	UNIT CONSUMABLES	UNIT MATERIAL	UNIT SUBS	TOTAL LABOR	TOTAL EQUIPMENT	TOTAL CONSUMABLES	TOTAL MATERIALS	TOTAL SUBS	TOTAL COST
1	WATERLINE			45.00			62					2,790	1,749	0	2,035	0	6,574
2	ROAD CROSSING			45.00			67					3,015	1,900	1,130	0	0	6,045
3	LINE ITEM 3			#DIV/0!			0					0	0	0	0	0	0
4	LINE ITEM 4			#DIV/0!			0					0	0	0	0	0	0
5	LINE ITEM 5			#DIV/0!			0					0	0	0	0	0	0
6	LINE ITEM 6			#DIV/0!			0					0	0	0	0	0	0
7	LINE ITEM 7			#DIV/0!			0					0	0	0	0	0	0
8	LINE ITEM 8			#DIV/0!			0					0	0	0	0	0	0
9	LINE ITEM 9			#DIV/0!			0					0	0	0	0	0	0
10	LINE ITEM 10			#DIV/0!			0					0	0	0	0	0	0
11	LINE ITEM 11			#DIV/0!			0					0	0	0	0	0	0
12	LINE ITEM 12			#DIV/0!			0					0	0	0	0	0	0
13	LINE ITEM 13			#DIV/0!			0					0	0	0	0	0	0
14	LINE ITEM 14			#DIV/0!			0					0	0	0	0	0	0
15	LINE ITEM 15			#DIV/0!			0					0	0	0	0	0	0
TOTAL PIPE EXCAVATION							129					5,805	3,649	1,130	2,035	0	12,619
AMOUNT WHICH MAY BE SUBCONTRACT							0					0	0	0	0	0	0
REMAINDER OF PIPE EXCAVATION							129					5,805	3,649	1,130	2,035	0	12,619

SUB-CONTRACT	LINE ITEM	DESCRIPTION	QTY	UNIT	WAGE RATE	UNIT M.H.	DIFF FACT	TOTAL M.H.	UNIT EQUIPMENT	UNIT CONSUMABLES	UNIT MATERIAL	UNIT SUBS	TOTAL LABOR	TOTAL EQUIPMENT	TOTAL CONSUMABLES	TOTAL MATERIALS	TOTAL SUBS	TOTAL COST
	1	WATERLINE			45.00			62					2,790	1,749	0	2,035	0	6,574
		GRADE BOTTOM	210	SF	45.00	0.025	1.00	5	0.00	0.00	0.00	0	225	0	0	0	0	225
		EXCAVATE	39	CY	45.00	0.300	1.00	12	10.00	0.00	0.00	0	540	389	0	0	0	929
		BEDDING	17	CY	45.00	0.300	1.00	5	10.00	0.00	75.00	0	225	174	0	1,306	0	1,705
		BACKFILL	10	CY	45.00	0.300	1.00	3	10.00	0.00	0.00	0	135	97	0	0	0	232
		CS BACKFILL	10	CY	45.00	0.300	1.00	3	10.00	0.00	75.00	0	135	97	0	729	0	961
		WASTE	29	CY	45.00	0.300	1.00	9	10.00	0.00	0.00	0	405	292	0	0	0	697
		TRENCH SHORING	700	SF	45.00	0.035	1.00	25	1.00	0.00	0.00	0	1,125	700	0	0	0	1,825

SUB-CONTRACT	LINE ITEM	DESCRIPTION	QTY	UNIT	WAGE RATE	UNIT M.H.	DIFF FACT	TOTAL M.H.	UNIT EQUIPMENT	UNIT CONSUMABLES	UNIT MATERIAL	UNIT SUBS	TOTAL LABOR	TOTAL EQUIPMENT	TOTAL CONSUMABLES	TOTAL MATERIALS	TOTAL SUBS	TOTAL COST
	2	ROAD CROSSING			45.00			67					3,015	1,900	1,130	0	0	6,045
		SAW CUT ROAD	60	LF	45.00	0.050	1.00	3	0.00	1.00	0.00	0	135	0	60	0	0	195
		INSTALL STEEL PLATE FOR ROAD CROSSIN	4	EA	45.00	4.000	1.00	16	225.00	15.00	0.00	0	720	900	60	0	0	1,680
		REMOVE STEEL PLATE	4	EA	45.00	3.000	1.00	12	0.00	15.00	0.00	0	540	0	60	0	0	600
		CRANE	1	DAY	45.00	8.000	1.00	8	1,000.00	0.00	0.00	0	360	1,000	0	0	0	1,360
		FLAG MEN	3	EA	45.00	8.000	1.00	24	0.00	50.00	0.00	0	1,080	0	150	0	0	1,230
		SAFETY BARRICADES	8	EA	45.00	0.500	1.00	4	0.00	100.00	0.00	0	180	0	800	0	0	980
		SHORING	0	SF	45.00	0.035	1.00	0	0.65	0.00	0.00	0	0	0	0	0	0	0

REVISED Proposal

Sylva Construction, LLC
819 West Mahan Street
Port Lavaca, TX 77979
Phone 361-552-2123

December 16, 2024

JTR Constructors

Attn: Tony Gonzalez

Job: City of Port Lavaca Water Supply System Improvements

Furnishing equipment, labor, and material for the following work scope on trench in street approximately 26 LF.

1. Install and compact base course.
2. Install asphalt pavement.

Items 1 and 2

\$6,169.00

Sales tax is not included.

Quote is good for 30 days.

Thank you for giving us the opportunity to quote this job. If you have any questions, please call me.

Sam Sylva
Sylva Construction, LLC



Freedom Waterworks
 FKA Cohen Industrial Supply
 11943 FM 529, Houston, TX 77041
 Phone : 713-467-3300 Fax : 713-467-3397

Sales Quote

Page: 1

Sales Quote Number: 8000538
 Sales Quote Date: 12/9/2024

Sell To: JTR Constructors, Inc: 2023-267 Port Lavaca WSS
 PO: 22404
 32361 Morton Rd.
 Brookshire, Tx. 77423
 USA

Ship To: JTR Constructors, Inc: 2023-267 Port Lavaca
 PO: 22404
 32361 Morton Rd.
 Brookshire, Tx. 77423
 USA

Terms NET 30

SalesPerson REID HUDSON

Job :

Bid Date :

Job Name :

Bid Time :

Rev :

Addendums :

Engineer Name :

Tag No.	Quantity	Unit	Description	Unit Price	Total Price
0000001	60	FT	12" CL350 TYTON DIP CL	80.93	4,855.80
0000002	2	EA	12 DI MJ 45 ELL	361.42	722.84
0000003	1	EA	12" X 2' 0" F125 X PE FAB PIPE CL	820.08	820.08
0000004	1	EA	12x10 DI FLG TEE	1,316.25	1,316.25
0000005	2	EA	12 DI FLG 45 ELL	703.80	1,407.60
0000006	1	EA	12" X 5' 0" F125 X F125 FAB PIPE CL	1,876.80	1,876.80
0000007	1	EA	12" FLG X MJ DI NRS GATE VALVE	3,135.46	3,135.46
0000008	1	EA	12" X 12" 304SS TAPPING SLEEVE FOR 13.4-13.8" OD W/ 304SS FLG OUTLET	2,839.07	2,839.07
0000009	6	EA	12" 304SS BNG SET FLG DIP X FLG DIP 7/8" X 3-3/4"	77.83	466.98
0000011	1	EA	10" 304SS BNG SET FLG DIP X FLG DIP 7/8" X 3-3/4"	75.05	75.05
0000010	5	EA	12 STARGRIP PACK SERIES 3000P W/ 304SS HARDWARE	187.28	936.40

Total: 18,452.33

Please refer to the quotation number above to insure proper pricing.

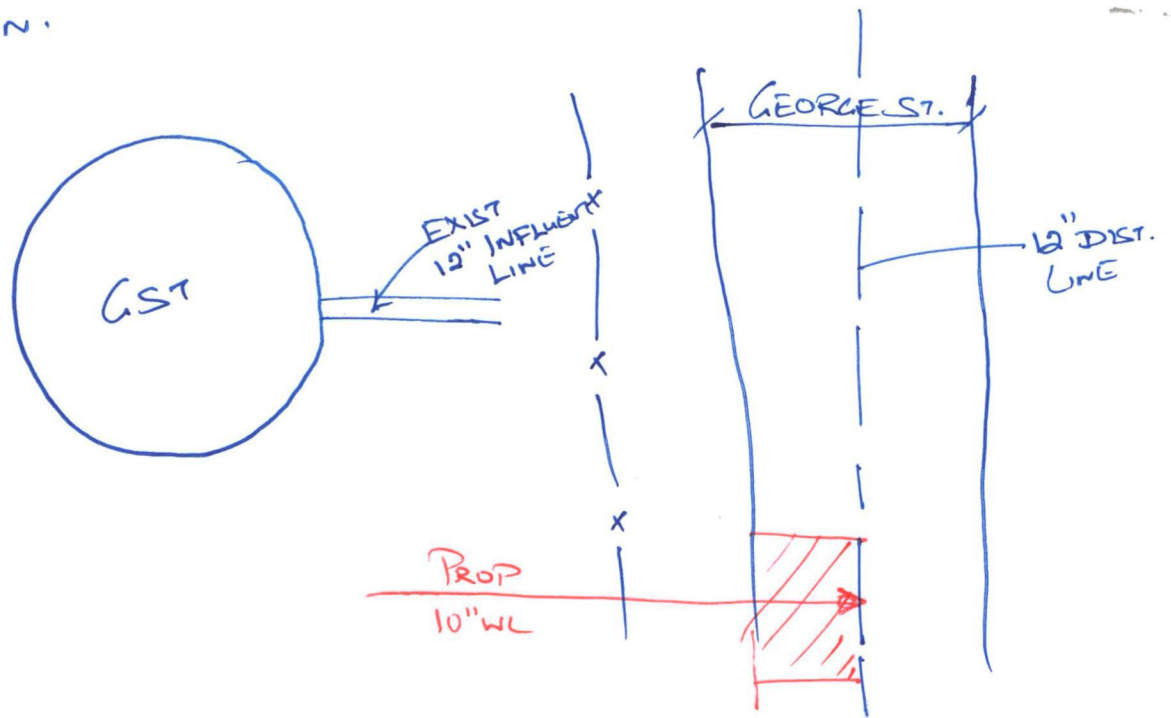
All sales are in U.S. Dollars.

The estimated time to ship is based on information available to Cohen at the time of this quotation. (Cohen is not responsible for delays due to the availability of material.)

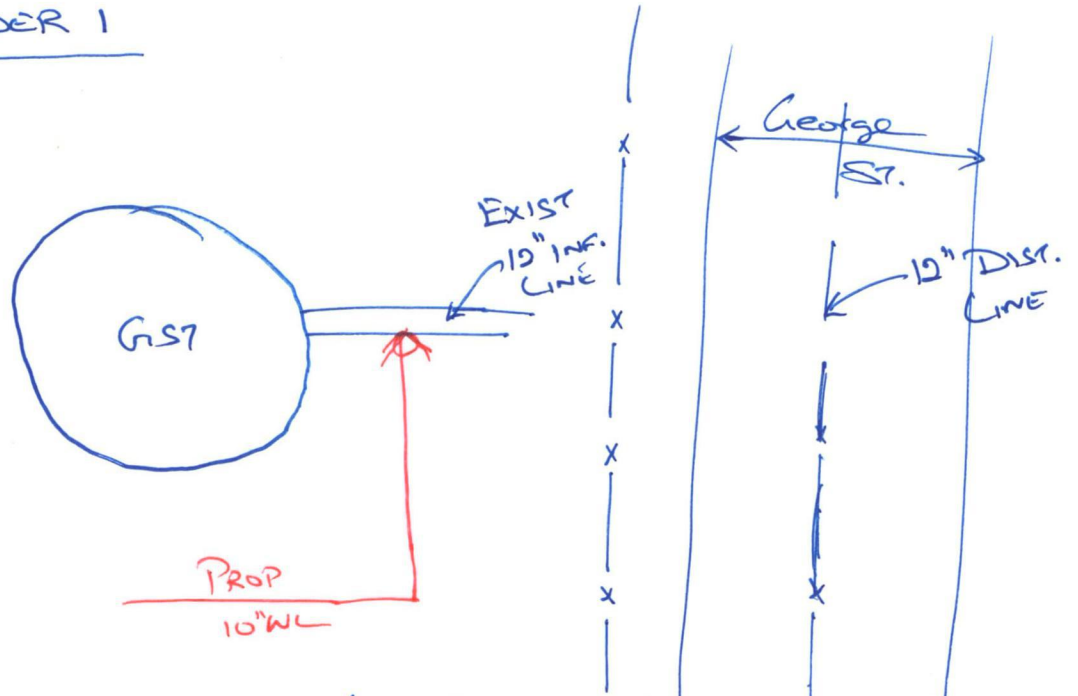
FOB: Our yard in Houston or point of shipment. Prices are quoted firm for 30 days.

Sales tax will be added unless the proper exempt certificates are submitted with the order.

ORIGINAL PLAN:

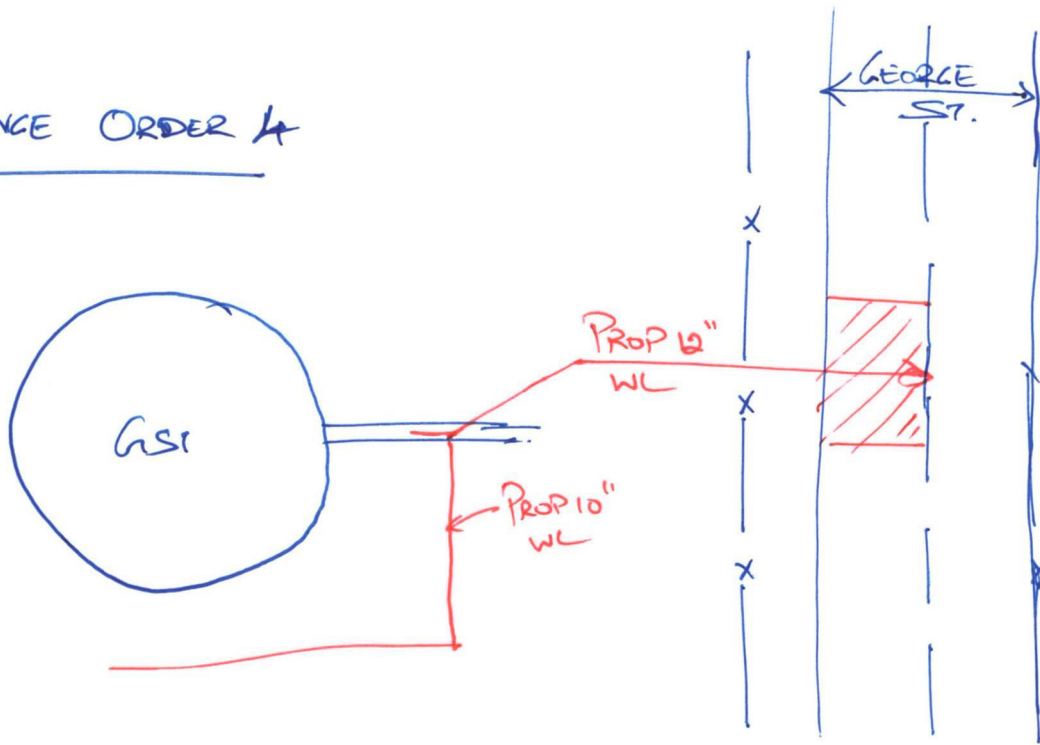


CHANGE ORDER 1



Understanding was that the Exist 12" Influent Line is connected to the distribution system (12" line along George Street)
Eliminates portion of proposed 10" WL
Eliminates replacement of pavement (George St) at the TSV location

CHANGE ORDER 4



Found out that the Exist 12" Inf Line is not connected to the distribution system and that it comes from remote site

Adds 12" WL in place of the originally proposed 10" WL

Includes removal of a segment of 12" WL

12x 12 TSV in place of 12x10 TSV

The difference comes from

- Added charges for labor and materials for removing existing waterline and installing new waterline (\$4,419)
- Added charges for new waterline pipe and equipment (\$12,478)
- With Labor Burden (55%), Overhead(10%), Profit(5%), Bond(2.5%), and Insurance(1.5%): \$23,000