



Gulf Coast Water Authority

3630 Highway 1765

Texas City, Texas 77591

409.935.2438

fax 409.935.4156

ADDENDUM NO. 1

April 3, 2015

TO: Prospective Bidders

Re: Project No. 06.20.20141223
Low Lift and Distribution Header Painting
BIDS DUE: April 10, 2015 AT 10:00 AM

This Addendum forms a part of the Bid Documents and will be incorporated into the Contract documents, as applicable. Insofar as the original Project Manual and Drawings are inconsistent, this Addendum governs.

Document 00410, Bid Form, Remove and replace Document 00410 – Bid Form with the attached Document 00410.

Document 00610, Insert Performance Bond for Contract Price over \$100,000, with attached Document 00610.

Specification 01110 Summary of Work, Remove and replace Specification 01110 – Summary of Work with the attached specification section

Specification 09902 Steel Coating, Revise paragraph 2.0 A and 2.0 B to read as follows:

A. Approved Products:

Table with 3 columns: Description, Color, and Product Name. Title: BLEOW GRADE PIPE RE-COAT. Rows include Surface Prep, Prime (4.0-6.0 mils DFT), Strip Coat (4.0-6.0 mils DFT), and Over-coat (4.0-6.0 mils DFT).

| ABOVE GRADE PIPE OVER-COAT SYSTEM | | |
|--|--|---|
| Surface Prep | SSPC-SP12 | SSPC-SP 12/NACE No. 5, WJ-4 SSPC SP 1 - Solvent Cleaning SSPC- SP3 Power tool clean spot areas where required |
| Prime 4.0 – 6.0 mils | White in color | Dura-Plate 235 Multi-Purpose Epoxy or Carboguard 635 |
| Strip Coat 4.0 – 6.0 mils | White in color | Dura-Plate 235 Multi-Purpose Epoxy or Carboguard 635 |
| Over-coat 3.0 – 5.0 mils | Blue(Distribution) Tan(low lift) Gray(Waste) | Sherwin-Williams Acrolon Ultra Carboline Carbothane 133 HB |

B. Total allowable

1. BELOW GRADE PIT: COATING SYSTEM
 - a. Minimum: 8.0 mils
 - b. Maximum: 18.0 mils
2. ABOVE GRADE OVER-COAT SYSTEM
 - a. Minimum: 7.0 mils
 - b. Maximum: 17.0 mils

DRAWINGS: Insert drawings with the attached SITE DRAWING and Drawing C-4, Clearwell.

END OF ADDENDUM NO. 1


 James E. Vanderwater, P.E.
 Engineer
 Gulf Coast Water Authority



DOCUMENT 00410 – STIPULATED PRICE PROPOSAL

1.0 OFFER

- A. Total Proposed Price:** Having examined the Project location and all matters referred to in Project Manual for the Work, we, the undersigned, offer to enter into a Contract to perform the Work for the Stipulated Price shown below.
- B. Security Deposit:** Included with the Bid is a Security Deposit in the amount of 5 percent of the Total Proposed Price.
- C. Period for Bid Acceptance:** This offer is open to acceptance and is irrevocable for 45 days from Proposal Date.
- D. Addenda:** All Addenda have been received. Modifications to Bid Documents have been considered and all related costs are included in the Stipulated Price:

2.0 CONTRACT TIME

- A.** If offer is accepted, Contractor shall achieve Date of Substantial Completion within 90 days after Date of Commencement of the Work, subject to adjustments of Contract Time as provided in the Contract.

3.0 TOTAL PROPOSED PRICE HAS BEEN CALCULATED BY BIDDER, USING THE FOLLOWING COMPONENT PRICES AND PROCESS (PRINT OR TYPE NUMERICAL AMOUNTS):

- A. STIPULATED PRICE FOR COATING PIPE AND APPRUTANCES AT DISTRIBUTION HEADER AS SHOWN ON DRAWING C-1 AND / OR DESCRIBED IN SPECIFICATION 01110 SECTION 1.06 A, DISTRIBUTION PAINTING:**

\$ _____

- B. STIPULATED PRICE FOR COATING PIPE AND APPRUTANCES AT LOW LIFT AND RAW WATER LINE AS SHOWN ON DRAWING C-2 and C-3 AND / OR DESCRIBED IN SPECIFICATION 01110 SECTION 1.06 B:**

\$ _____

- C. STIPULATED PRICE FOR COATING PIPE AND APPRUTANCES AT CLARIFIER PUMP HOUSE AS DESCRIBED IN SPECIFICATION 01110 SECTION 1.06 C:**

\$ _____

- D. STIPULATED PRICE FOR COATING PIPE AND APPRUTANCES AT CLEARWELL AS DESCRIBED IN SPECIFICATION 01110 SECTION 1.06 D:**

\$ _____

- E. STIPULATED PRICE FOR COATING PIPE AND APPRUTANCES AT BACKWSH BASIN AS DESCRIBED IN SPECIFICATION 01110 SECTION 1.06 E:**

\$ _____

F. STIPULATED PRICE FOR COATING PIPE AND APPRUTANCES AT THICKNER AS DESCRIBED IN SPECIFICATION 01110 SECTION 1.06 F:

\$ _____

G. STIPULATED PRICE FOR COATING PIPE AND APPRUTANCES AT TEXAS CITY TAKEPOINT AS DESCRIBED IN SPECIFICATION 01110 SECTION 1.06 G:

\$ _____

EXTRA WORK ITEMS WHEN APPROVED BY THE AUTHORITY ENGINEER:

| Item no. | Item description | Unit Measure | Unit Quantity | Unit Price (this column controls) | Total in figures |
|----------|---|--------------|---------------|-----------------------------------|------------------|
| 1 | Extra Welding, AWS Certified welder in cold rolled steel, welding machine, including welding rods | DAY | 7 | | |
| 2 | Extra, Steel Plate, 1/4" or 3/8" thickness, ASTM A-36 or equal, rolled to fit pipe | SF | 100 | | |
| 3 | Extra 10" Diameter Steel Pipe, Schedule 40, including 2 90 degree bends and one flange. | LF | 20 | | |

TOTAL PRICE INCLUDING EXTRA WORK: \$ _____

REFERENCES OF CONTRACTORS FOR PREVIOUS JOBS DONE

| No. | Date Job was Completed | Job Description | Contact Name Phone Number | \$ Amount |
|-----|------------------------|-----------------|------------------------------|-----------|
| 1. | | | | |
| 2. | | | | |
| 3. | | | | |
| 4. | | | | |
| 5. | | | | |

4.0 SIGNATURES: By signing this Document, I agree that I have received and reviewed all Addenda and considered all costs associated with the Addenda in calculating the Total Proposed Price.

Proposer: _____
(Print or type full name of your proprietorship, partnership, corporation, or joint venture.*)

By: _____
Signature Date

Name: _____
(Print or type name) Title

Address: _____
(Mailing)

(Street, if different)

Telephone and Fax Number: _____
(Print or type numbers)

- * Bidder certifies that the only person or parties interested in this offer as principals are those named above. Bidder has not directly or indirectly entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding.

END OF DOCUMENT

DOCUMENT 00610

PERFORMANCE BOND

THAT WE, CONTRACTOR NAME, as Principal, hereinafter called Contractor, and the other subscriber hereto, SURETY NAME, as Surety, do hereby acknowledge ourselves to be held and firmly bound to the GULF COAST WATER AUTHORITY, a political subdivision of the State of Texas (AUTHORITY) situated in Galveston County, Texas, in the sum of WRITTEN DOLLAR AMOUNT dollars and WRITTEN CENTS AMOUNT cents (\$NUMBERS), for the payment of which sum well and truly to be made to the AUTHORITY and its successors, the said Contractor and Surety do bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH THAT:

WHEREAS, the Contractor has on or about this day executed a Contract in writing with the AUTHORITY for (PROJECT NAME), all of such work to be done as set out in full in said Contract Documents therein referred to and approved by the AUTHORITY, all of which are made a part of this instrument as fully and completely as if set out in full herein.

NOW THEREFORE, if the said Contractor shall faithfully and strictly perform the Contract in all its terms, provisions, and stipulations in accordance with its true meaning and effect, and in accordance with the Contract Documents referred to therein and shall comply strictly with each and every provision of the Contract and with this Bond, then this obligation shall become null and void and shall have no further force and effect; otherwise the same is to remain in full force and effect. Should the Contractor fail to faithfully and strictly perform the Contract in all its terms, including but not limited to the indemnifications thereunder, the Surety shall be liable for all damages, losses, expenses and liabilities that the AUTHORITY may suffer in consequence thereof, as more fully set forth herein.

IT IS FURTHER PROVIDED herein that pursuant to this undertaking, the Principal hereof and the Surety shall both be bound for such period of warranty as shall be expressed and set out in the General Conditions of Agreement, under the terms and conditions thereof and for an additional period of one (1) year as is provided for in Chapter 2253, Texas Government Code, as amended.

It is further understood and agreed that the Surety does hereby relieve the AUTHORITY and its representatives from the exercise of any diligence whatever in securing compliance on the part of the Contractor with the terms of the Contract, and the Surety agrees that it shall be bound to take notice of and shall be held to have knowledge of all acts or omissions of the Contractor in all matters pertaining to the Contract. The Surety understands and agrees that the provision in the Contract that the AUTHORITY shall retain certain amounts due the Contractor until the expiration of thirty

days (30 Days) from the acceptance of the Work, which is intended for the AUTHORITY's benefit, and the AUTHORITY shall have the right to pay or withhold such retained amounts or any other amount owing under the Contract without changing or affecting the liability of the Surety hereon in any degree.

It is further expressly agreed by Surety that the AUTHORITY and its representatives are at liberty at any time, without notice to the Surety, to make any change in the Contract Documents and in the Work to be done thereunder, as provided in the Contract, and in the terms and conditions thereof, or to make any extension of time, any change in, addition to, or deduction from the Work to be done thereunder; and that such changes, if made, shall not in any way vitiate the obligation in this bond and undertaking or release the Surety therefrom.

It is further expressly agreed and understood that the Contractor and Surety will fully indemnify, defend and save harmless the AUTHORITY from any liability, loss, cost, expense, or damage arising out of Contractor's performance of the Contract.

If the AUTHORITY gives Surety notice of Contractor's default, Surety shall, within forty-five days (45 Days), take one of the following actions:

1. Arrange for Contractor, with consent of the AUTHORITY, to perform and complete the Contract; or
2. Take over and assume completion of the Contract itself, through its agents or through independent contractors, and become entitled to the payment of the balance of the Contract Price.

If the Surety fails to take either of the actions set out above, it shall be deemed to have waived its right to perform and complete the Contract and receive payment of the balance of the Contract Price and the AUTHORITY shall be entitled to enforce any remedies available at law, including but not limited to completing the Contract itself and recovering any cost in excess of the Original Contract Price from the Surety.

This Bond and all obligations created hereunder shall be performable in Galveston County, Texas. This Bond is given in compliance with the provisions of Chapter 2253, Texas Government Code, as amended, which is incorporated herein by this reference.

Notices required or permitted hereunder shall be in writing and shall be deemed delivered when actually received or, if earlier, on the third (3rd) day following deposit in a United States Postal Service post office or receptacle, with proper postage affixed (certified mail, return receipt requested), addressed to the respective other Party at the address prescribed in the Contract Documents, or at such other address as the receiving party may hereafter prescribe by written notice to the sending party.

IN WITNESS THEREOF, the said Contractor and Surety have signed and sealed this instrument on the respective dates written below their signatures and have attached current Power of Attorney.

ATTEST, SEAL: (if a corporation)
WITNESS: (if not a corporation)

CONTRACTOR NAME

Name of Contractor

By: _____
Name:
Title:

By: _____
Name:
Title:
Date:

ATTEST/SURETY WITNESS: (SEAL)

SURETY NAME

(Full Name of Surety)

SURETY STREET ADDRESS

(Physical Address of Surety for Notice)

SURETY MAILING ADDRESS

(Mailing Address of Surety for Notice)

SURETY PHONE NUMBER

(Telephone Number of Surety, with area code)

By: _____
Name: SURETY WITNESS
Title: WITNESS TITLE
Date:

By: _____
Name: SURETY ATTORNEY
Title: Attorney-in-Fact
Date:

CERTIFICATE AS TO _____ PRINCIPAL

1. I, _____, certify that I am the secretary of the _____ named as principal in the within Bond, that _____, who signed the said Bond on behalf of the principal, was then _____ of said _____, that I know his/her signature thereto is genuine, and that Bond was duly signed, sealed, and attested for and in behalf of said _____ by authority of its governing body.

Corporate Seal (required if a Corporation)

2. Surety shall provide current power-of-attorney.
3. Date of Bond and surety power-of-attorney shall not be dated prior to the date of the Agreement.
4. Surety companies executing bonds shall appear on the Treasury Departments most current list (Circular 570 amended) and be authorized to transact business in the State of Texas.

END OF DOCUMENT

SECTION 01110 - SUMMARY OF WORK

PART 1 GENERAL

1.01 WORK INCLUDED

- A. Sand blast cleaning and coating of the steel pipe located below ground at the Distribution Pump Station.
- B. Hydro blast cleaning and coating of steel pipe located above ground at the Distribution Pump Station.
- C. Construct work as described in the Contract Documents.
 - 1. Provide the materials, equipment, and incidentals required to make the project completely and fully operable.
 - 2. Provide the labor, equipment, tools, and consumable supplies required for a complete project.
 - 3. Provide the civil, architectural, structural, mechanical, electrical, instrumentation and all other work required for a complete and operable project.
 - 4. Provide the special tools, spare parts, lubricants, supplies, or other materials as indicated in Contract Documents for the operation and maintenance of the Project.
 - 5. Install Owner provided products and place in operation.
 - 6. Drawings and specifications do not indicate or describe all of the work required to complete the project. Additional details required for the correct installation of selected products are to be provided by the Contractor and coordinated with the Authority Engineer.

1.02 WORK COVERED BY CONTRACT DOCUMENTS

- A. Below grade Piping and pump cans located inside concrete vault.
 - 1. SSPC-SP6 Commercial Blast Specifications.
 - 2. SSPC-SP3 Power tool clan spot areas where required.
 - 3. Prime coat Epoxy
 - 4. Strip coat Epoxy
 - 5. Top coat Epoxy
- B. Above grade Piping, valves and appurtenances
 - 1. SSPC-SP1
 - 2. SSPC-SP3 Power tool clan spot areas where required.
 - 3. SSPC-SP12, WJ-4
 - 4. Prime coat Epoxy
 - 5. Strip coat Epoxy
 - 6. Top Coat Urethane (Blue)
- C. Replace 10" Steel pipe if directed by Engineer.

1.03 OWNER PROVIDED MATERIALS

- A. Owner shall provide water for the Work. Contractor shall responsible for verifying capacity of water lines prior to mobilization.

- 1.04 OBLIGATIONS OF GULF COAST WATER AUTHORITY – GULF COAST WATER AUTHORITY WILL:
- A. Furnish the contractor or contractors any utility water needed for execution of the job.
 - B. Inspect the work executed for:
 - 1. Thoroughness and quality of job done – against Scope of Work provided and applicable specifications.
 - 2. Surface preparation including preparation of edges
 - 3. Coating application, thickness, etc. as specified.
 - 4. Repairs to metal if such are necessary.
 - C. Inspect the work at hold points as follows:
 - 1. Before abrasive blasting.
 - 2. After abrasive blasting.
 - 3. After application of each coat of material
 - a. Strip coats
 - b. Spray coats
 - 4. After completion of job to inspect cleanup of site
 - D. Coordinate Inspections in such a way to avoid any job delays or at least to minimize such.
 - 1. The contractor(s) must notify the designated GCWA contact person in advance of reaching these hold points. One day of advance notice is required.
 - 2. Inspections shall occur at or after the end of the day shift unless directed otherwise by Engineer.
 - 3. They may also occur before the beginning of the day shift. Again, in all cases the inspections should be coordinated and made in such a way to eliminate delays.
 - E. Owner will operate all existing valves, gates, pumps, equipment, and appurtenances that will affect the Owner's operation, unless otherwise specified or indicated.
- 1.05 CONTRACTOR USE OF PREMISES
- A. Construction Operations: Limited to GCWA property as shown or described in the Contract documents.
 - B. Move stored products that interfere with operations of Owners, or other contractors and others performing work for the owner.
 - C. The Contractor shall not interfere with the normal operation of the Water Treatment Plant. The distribution pump station shall operate throughout the duration of the work.

1.06 SCHEDULE OF WORK

A. DISTRIBUTION PAINTING

ABOVE GROUND PIPING

| ITEM NO. | DESCRIPTION | UNIT MEASURE | QUANTITY |
|----------|---------------------------|--------------|----------|
| 1 | 30" HEADER PIPE | LF | 38 |
| 2 | 30" DISCHARGE PIPE | LF | 30 |
| 2 | 24" PUMP NOZZLE | LF | 19 |
| 3 | 20" PUMP NOZZLE | LF | 19 |
| 4 | 16" PUMP NOZZLE | LF | 19 |
| 5 | 12" PIPE | LF | 29 |
| 6 | 10" PIPE | LF | 50 |
| 7 | 8" PIPE | LF | 4 |
| 8 | 6" PIPE | LF | 27 |
| 9 | 3" PIPE | LF | 24 |
| 10 | ACUTUATOR SUPPORTS | EA | 7 |
| 11 | BUTTERFLY VALVES | EA | 13 |
| 12 | 6" BACKFLOW PREVENTOR | EA | 2 |
| 13 | PUMPS (P602, P604 & P605) | EA | 3 |
| 14 | PIPE STANDS | EA | 4 |

BELOW GROUND PIPING (IN VAULT)

| ITEM NO. | DESCRIPTION | UNIT MEASURE | QUANTITY |
|----------|-------------------------------|--------------|----------|
| 15 | 42" X 42" X 42" x 16" CROSS | EA | 1 |
| 16 | 42" X 36" REDUCERS | EA | 2 |
| 17 | 36" HEADER | LF | 29 |
| 18 | BUTTERFLY VALVES | EA | 2 |
| 19 | 12" PIPE | LF | 12 |
| 20 | 10" PIPE | LF | 20 |
| 21 | PUMP CANS (P602, P604 & P605) | EA | 3 |

B. LOW LIFT HEADER AND RAW WATER PIPING

ABOVE GROUND PIPING

| ITEM NO. | DESCRIPTION | UNIT MEASURE | QUANTITY |
|----------|-----------------------------|--------------|----------|
| 1 | 36" HEADER PIPE | LF | 42 |
| 2 | 42" X 42" X 42" x 16" CROSS | EA | 1 |
| 3 | 42" X 36" REDUCERS | EA | 2 |
| 4 | 20" PUMP NOZZLE | LF | 24 |
| 5 | 16" PUMP NOZZLE | LF | 6 |

**GULF COAST WATER AUTHORITY
DISTRIBUTION HEADER REHABILITATION**

SUMMARY OF WORK

| | | | |
|----|--------------------------------------|----|-----|
| 6 | 42" PIPE | LF | 145 |
| | Remove Rock and Soil from underneath | | |
| 7 | 42" Pipe | LF | 40 |
| 8 | 16" PIPE | LF | 73 |
| 9 | BUTTERFLY VALVES | EA | 5 |
| 10 | ACUTUATOR SUPPORTS | EA | 7 |
| 11 | FLOW METER | EA | 1 |
| 12 | REMOVE AND REINSTALL PIPE STANDS | EA | 2 |
| 13 | REMOVE AND REINSTALL PIPE STRAPS | EA | 6 |
| 14 | PUMPS | EA | 5 |

C. CLARIFIER PUMP HOUSE PIPING

**ABOVE GROUND PIPING
ITEM**

| NO. | DESCRIPTION | UNIT | QUANTITY |
|-----|-----------------------|------|----------|
| 1 | 8" PIPE | LF | 106 |
| 2 | 6" PIPE | LF | 64 |
| 3 | 3" PIPE | LF | 24 |
| 4 | 3" BACKFLOW PREVENTOR | EA | 2 |

D. CLEARWELL PUMPS PAINTING

**ABOVE GROUND PIPING
ITEM**

| NO. | DESCRIPTION | UNIT MEASURE | QUANTITY |
|-----|-----------------------------|-----------------|----------|
| 1 | 42" PIPE | LF | 21 |
| 2 | 36" X 36" X 30" TEE | EA | 1 |
| 3 | 36" PIPE | LF | 24 |
| 4 | 36" CHECK VALVE | EA | 1 |
| 5 | 36" BUTTERFLY VALVE | EA | 1 |
| 6 | 30" PIPE | LF | 22 |
| 7 | 20" PUMP NOZZLE WITH VALVES | EA | 5 |
| 8 | 16" PUMP NOZZLE WITH VALVES | EA | 1 |
| 9 | PUMPS | EA | 7 |

E. BACKWASH BASIN PIPING

**ABOVE GROUND PIPING
ITEM**

| NO. | DESCRIPTION | UNIT MEASURE | QUANTITY |
|-----|----------------------|-----------------|----------|
| 1 | 18" BUTTERFLY VALVES | EA | 2 |
| 2 | 18" CHECK VALVES | EA | 2 |
| 3 | 18" PIPING | LF | 30 |

**GULF COAST WATER AUTHORITY
DISTRIBUTION HEADER REHABILITATION**

SUMMARY OF WORK

| | | | |
|----|-------------------------------|----|----|
| 4 | AIR RELIEF VALVES | EA | 2 |
| 5 | PIPE STANDS | EA | 6 |
| 6 | 6" GORMAN RUPP PUMP AND STAND | EA | 2 |
| 7 | 6" PIPING | LF | 20 |
| 8 | 6" CHECK VALVES | EA | 2 |
| 9 | 8" X 6" REDUCER | EA | 1 |
| 10 | 8" PIPING | LF | 8 |

F. THICKNER

ABOVE GROUND PIPING

| ITEM NO. | DESCRIPTION | UNIT MEASURE | QUANTITY |
|----------|-----------------------------------|--------------|----------|
| 1 | 6" PIPING | LF | 82 |
| 2 | 8" PIPING | LF | 22 |
| 3 | 36" DIAMETER X 36" TALL POTS | EA | 2 |
| 4 | 8" X 6" REDUCER | EA | 4 |
| 5 | 6" PLUG VALVE | EA | 11 |
| 6 | WATER PIPE AND BACKFLOW PREVENTOR | EA | 1 |

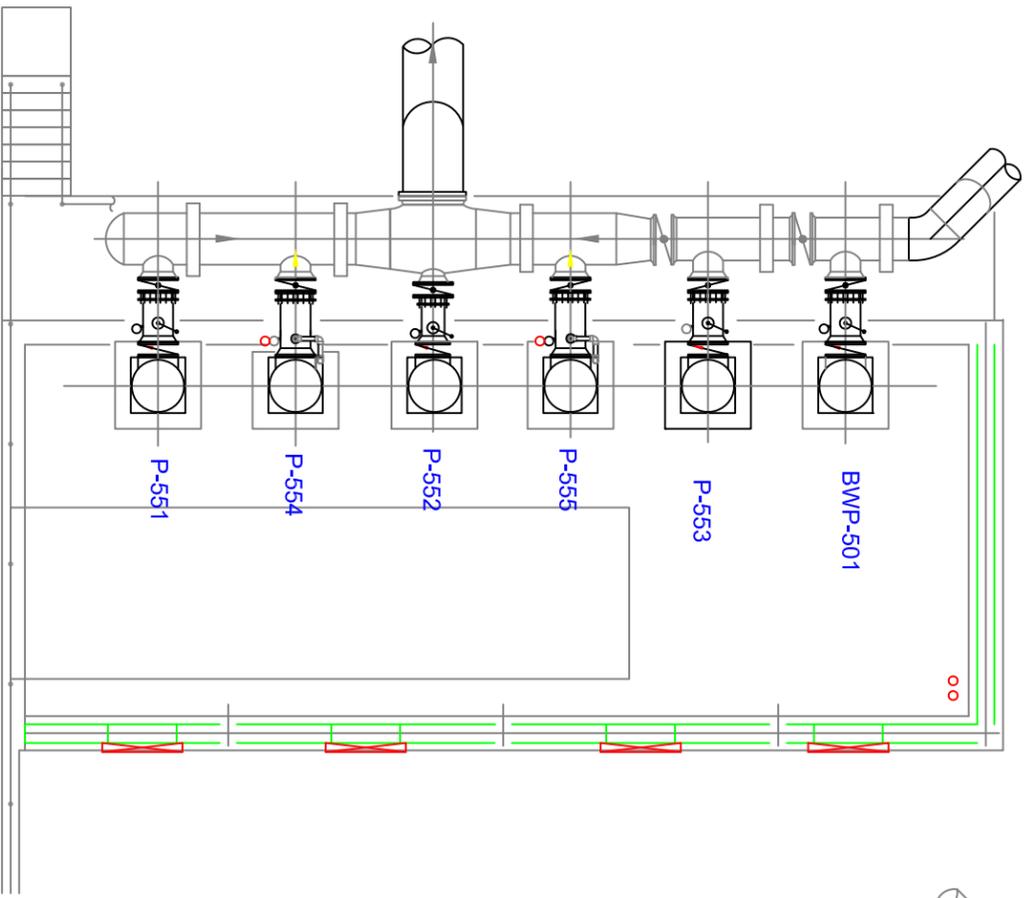
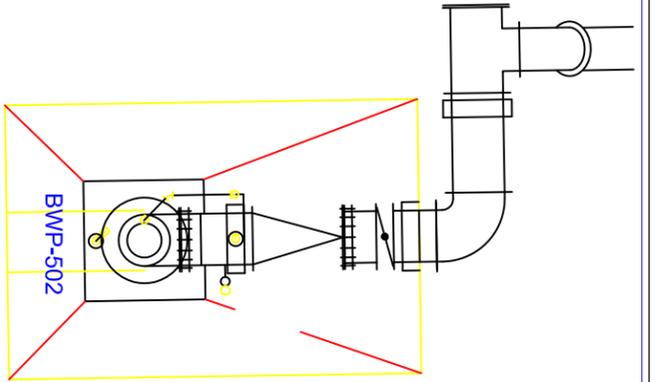
G. TEXAS CITY TAKEPOINT

| ITEM NO. | DESCRIPTION | UNIT MEASURE | QUANTITY |
|----------|---------------------------|--------------|----------|
| 1 | 20" PIPING | LF | 8 |
| 2 | 20" X 10" REDUCER | EA | 2 |
| 3 | 20" X 12" REDUCER | EA | 2 |
| 4 | 12" 45 DEGREE BEND | EA | 2 |
| 5 | 10" 45 DEGREE BEND | EA | 2 |
| 6 | 10" PIPING / METERS | LF | 51 |
| 7 | 12" PIPING | LF | 9 |
| 8 | 12" CLA-VAL | EA | 2 |
| 9 | 12" GATE VALVE | EA | 2 |
| 10 | 10" GATE VALVE | EA | 2 |
| 11 | Air Relief Valves | EA | 2 |
| 12 | Pipe Stands | EA | 4 |
| 13 | Remove and Replace Straps | EA | 5 |

PART 2 PRODUCTS - Not Used

PART 3 EXECUTION - Not Used

END OF SECTION



James E. Vassant
3/25/15

The seal is circular with a star in the center. The text around the star reads 'STATE OF TEXAS' at the top and 'JAMES E. VASSANT' at the bottom. Below the star, it says 'LICENSED PROFESSIONAL ENGINEER' and '81392'.

| | | | | | | | | |
|--|--|----------------------|-------------------------------|---|-------------|------|------|--|
| <p>DATE: 03/25/2015 SCALE: 3/32"=1'</p> <p>SHEET NUMBER C-4</p> | | <p>PREPARED: JEV</p> | <p>PROJECT 06.20.20150320</p> | REV | DESCRIPTION | DATE | APPR | |
| | | <p>CHECKED: JEV</p> | | <p>DISTRIBUTION AND LOW LIFT PAINTING</p> | | | | |
| | | <p>APPROVED:</p> | | <p>PIPING LAYOUT CLEARWELL HEADER</p> | | | | |