



County of El Paso Purchasing Department  
800 E. Overland Room 300  
El Paso, Texas 79901  
(915) 546-2048 / Fax: (915) 546-8180  
www.epcounty.com

---

## ADDENDUM 1

**To:** All Interested Bidders  
**From:** Elvia Contreras, Formal Bid Buyer  
**Date:** March 15, 2012  
**Subject:** Bid #12-022, Tornillo-Guadalupe Port of Entry Project Zone Sewer Facility

---

This addendum has been issued to notify you of the following questions that the Purchasing Department has received in regards to the bid mention above:

**The lift station equipment has been designed around Flygt as requested by the Water Districts. No equipment has been or will be, pre-approved prior to bidding. Equipment manufacturers must meet all specifications as shown. If equipment, other than what is specified will be proposed, it will be reviewed during the submittal review process after award of the project. If the proposed equipment is not approved the contractor must proceed with the equipment as specified.**

1. SECTION 113000 – PACKAGED SUBMERSIBLE SEWAGE PUMP LIFT STATION  
PART 2 PRODUCTS  
2.03 PUMP CONSTRUCTION

A. “Major pump components shall be of grey cast iron, ASTM A-48, Class 35B”

Our pump is Cast Iron ASTM-48, Class 30. Would you accept this material of construction?

**The Owner is accepting the product as specified or an approved equal.**

2. 2.05 CABLE ENTRY SEAL

A. “Epoxies, silicones, or other secondary sealing systems shall not be considered equal.”

Our pump manufacturer states the following:

“Power cord and control cord shall be double sealed. The power and control conductor shall be single strand sealed with epoxy potting compound and then clamped in place with

rubber seal bushing to seal outer jacket against leakage and to provide for strain pull. Cords shall withstand a pull of 300 pounds to meet FM requirements.

Insulation of power and control cords shall be type SOOW. Both control and power cords shall have a green carrier ground conductor that attaches to motor frame.”

Would you accept this given the fact of the advantages of having an epoxy sealed cable? Or do you have a preference for an elastomeric grommet flanked by washer as it’s stated on the specification? If so would you please clarify the advantages of having such elastomeric grommet flanked by washers instead over an epoxy potting compound?

**The Owner is accepting the product as specified or an approved equal.**

**3. 2.08 MECHANICAL SEALS**

C. The Area about the exterior of the lower mechanical seal in the cast iron housing shall have cast in an integral concentric spiral groove. This groove shall protect the seals by causing abrasive particulate entering the seal cavity to be forced out away from the seal due to centrifugal action.

This is a mechanism created by Flygt pumps called “Spin-Out”. Flygt’s technical information clearly states that this is a patented design and no other pump manufacturer has this. Would you please elaborate on this? Or should the specification be changed to a sole sourced pump manufacturer and remove the “or equal” legend?

**The Owner is accepting the product as specified or an approved equal.**

**4. 2.10 IMPELLER**

A. “The impeller shall be of cast iron, ASTM A-48 Class 35B”

Our pump is Ductile Iron ASTM-48, Class 30. Would you accept this material of construction?

**The Owner is accepting the product as specified or an approved equal.**

**5. 2.11 VOLUTE/SUCTION COVER**

A. “The pump volute shall be oa single piece gray cast iron, ASTM A-48, Class 35B”

Our pump is Cast Iron ASTM-48, Class 30. Would you accept this material of construction?

**The Owner is accepting the product as specified or an approved equal.**

**6. 2.12 PROTECTION**

B. The thermal switches and float switch shall be connected to a Mini CAS control and status monitoring unit. The mini CAS unit shall be designed to be mounted in the pump control panel.

This is a mechanism created by Flygt. Only Flygt pumps sells this type of control. Would you please elaborate on this? Or should the specification be changed to a sole sourced pump manufacturer and remove the “or equal” legend?

**The Owner is accepting the product as specified or an approved equal.**

7. 2.13 MIX FLUSH VALVE

A. Provide sump mixing feature equal to the Flygt Mix Flush Valve or approved equal. The valve shall automatically bypass a portion of the pumped flow and agitate the solids and greases in the sump. After 30 to 40 seconds the valve shall automatically close and allow the suspended solids to be pumped out of the basin. No electricity or outside sources shall be used to activate the valve.

This is a mechanism created by Flygt pumps called “Flygt Mix Flush Valve”. Flygt’s technical information clearly states that this is a patented design and no other pump manufacturer has this. Would you please elaborate on this? Or should the specification be changed to a sole sourced pump manufacturer and remove the “or equal” legend?

**The Owner is accepting the product as specified or an approved equal.**

1. 2.14 CONTROLS

A. “ This specification describes a Solid State Starter Pump Control Panel as manufactured by EG Controls, Inc.”

Would not this void the warranty of the pump whether if it is manufactured by Flygt or by Pentair Water? Please consider Flygt’s Warranty conditions. We propose a Pentair Water Control Panel in order to keep the warranty of the pumps valid.

10. Mini CAS Unit

Please see our comments above under section 2.12

**The Owner is accepting the product as specified or an approved equal.**

2. 2.16 PIPING AND VALVES

A. The Flygt TOP pre-engineered fiberglass pump station, or approved equal, shall be furnished complete with discharge pipes, fittings. Discharge piping shall be of Stainless Steel.

Would you please elaborate on what would be considered as an approved equal? Or should the specification be changed to a sole sourced pump manufacturer and remove the “or equal” legend?

**The Owner is accepting the product as specified or an approved equal.**

3. 3.01 SCHEDULE

A. LIFT STATION NO. 1

1. Pumping Capacity: 284 gpm @ 63’ TDH with 62 % efficiency
2. Secondary Pumping capacity: 163 gpm at 71’ TDH with 62 % eff.
3. Shutoff Head: 83’ minimum
4. Power: 10 Hp maximum 460 V/3 ph/ 60 Hz
5. Solids Thrulet: MAcerete 3” Solids
6. Discharge: 4”
7. Base Connection (pump to discharge piping): Flanged
8. Duplex Flyt Model NP3127.181-488

Please note that the specifications called for this pump or an equal. However it is not possible for two pumps to operate at two different points providing the same efficiency.

Both pumps should have advantages and/or disadvantages on two different given points. Please consider our following proposal. Would this be acceptable?

**The Owner is accepting the product as specified or an approved equal. Same response for A, B, C.**

**A. LIFT STATION NO. 1**

1. Pumping Capacity: 284 gpm @ 63' TDH with 63.7 % efficiency
2. Secondary Pumping capacity: 163 gpm at 71' TDH with 52.7 % eff.
3. Shutoff Head: 84.7' minimum
4. Power: 15 Hp maximum 460 V/3 ph/ 60 Hz
5. Solids Thrulet: Macerete 3" Solids
6. Discharge: 4"
7. Base Connection (pump to discharge piping): Flanged
8. Duplex Pentair Water FE Myers Model 4VHA150M4-43

**B. LIFT STATION NO. 2**

1. Pumping Capacity: 276 gpm @ 48' TDH with 61 % efficiency
2. Secondary Pumping capacity: 138 gpm at 55' TDH with 46 % eff.
3. Shutoff Head: 83' minimum
4. Power: 10 Hp maximum 460 V/3 ph/ 60 Hz
5. Solids Thrulet: Macerete 3" Solids
6. Discharge: 4"
7. Base Connection (pump to discharge piping): Flanged
8. Duplex Flyt Model NP3127.181-489

Same as mentioned on incise A above please consider the following information:

**C. LIFT STATION NO. 3**

1. Pumping Capacity: 283 gpm @ 25 TDH with 62 % efficiency
2. Secondary Pumping capacity: 180 gpm at 29' TDH with 50 % eff.
3. Shutoff Head: 38' minimum
4. Power: 5 Hp maximum 460 V/3 ph/ 60 Hz
5. Solids Thrulet: MAcerete 3" Solids
6. Discharge: 4"
7. Base Connection (pump to discharge piping): Flanged
8. Duplex Flyt Model NP3102.181-465

Same as mentioned on incise A and B above please consider the following information:

Reason of why you see a lower efficiency on the second point on the three lift stations is because this point is optimal for Flygt on the left side of the curve. Yet if we point out the left side of our curve vs. a Flygt pump then Flygt would have the same problem. That is the type of problems encountered when more than 2 design points are specified. However the important design point we must consider is the one required by the Peak Flow of this sewer system.

One of the greatest advantages in our proposal is that we are furnishing the same pump for the three applications just with different power. Therefore service kits would fit the 6 pumps as opposed to having to stock several kits of different type.

11. Please make note of the “REVISED” CIQ FORM that needs to be submitted with your bid response. Attached are the following forms:

- Step by step instructions on filling out and filing the CIQ - Conflict of Interest Form
- The CIQ Form

12. There are no lighting schedules. Will they be provided?

**The lighting fixture schedule is on Sheet E0.1. This schedule applies to all 3 lift stations.**

13. Is portable generator existing?

**The portable generator will be provided by the Owner.**

14. Is this a sole-source project?

**No, this project is open to all qualified contractors and suppliers. Some equipment and materials are Owner requested. If the bidder feels they meet the specifications with an “approved equal” product, it can be reviewed and approved during the submittal review process.**

15. If not would you accept a different American manufacturer for the lift station pumps?

**This project is open to all qualified contractors and suppliers. Some equipment and materials are Owner requested. If the bidder feels they meet the specifications with an “approved equal” product, it can be reviewed and approved during the submittal review process.**

16. Is the Scada System going to be provided by Entero, or do we need to supply it in the pump control panel?

**The Owner is accepting the product as specified or an approved equal.**

17. Is there an ultrasonic level or just floats?

**This project will using floats. An ultrasonic controller will not be necessary.**

18. Can the lift stations be pre-cast concrete?

**No, lift stations must be fiberglass as specified.**



COUNTY OF EL PASO  
County Purchasing Department  
800 East Overland, RM 300  
El Paso TX 79901  
(915) 546-8180 Fax

---

RE: Bid #12-022, Tornillo-Guadalupe Port of Entry Project Zone Sewer Facility

Dear Vendor:

As of January 1, 2006, the Texas Local Government Code Chapter 176 requires all vendors and potential vendors who contract or seek to contract for the sale or purchase of property, goods, or services with any local government entity to complete and submit a Conflicts of Interest Questionnaire. A copy of the requirements regarding vendors is attached. Also attached is a copy of the Questionnaire which needs to be filed and was prepared and approved for statewide use by the Texas Ethics Commission.

In filing out the Questionnaire, the following are the County Officers that will award the bid and the employees which will make a recommendation to the Commissioners Court:

County Officers: County Judge Veronica Escobar  
Commissioner Anna Perez  
Commissioner Sergio Lewis  
Commissioner Tania M. Chozet  
Commissioner Dan Haggerty

County Employees: Piti Vasquez, Purchasing Agent  
Jose Lopez, Jr., Assistant Purchasing Agent  
Peter Gutierrez, Buyer II  
Elvia Contreras, Formal Bid Buyer  
Lucy Balderama, Inventory Bid Technician  
Ernesto Carrizal III, P.E., Public Works Director  
Daniel Ibarra, EIT  
Fernando Hernandez, P.E.  
Ulises Estrada, P.E.  
Abel Garcia, P. E.

Please note that the state law requires that the Questionnaire be filed with the **COUNTY CLERK** no later than **the 7<sup>th</sup> business day after submitting an application, response to a bid** or any other writing related to a potential agreement with the County. Failure to file the questionnaire within the time provided by the statute is a Class C misdemeanor.

**Include a copy of the completed and signed CIQ form with your bid whether a relationship exists or not.**

## COUNTY OF EL PASO PURCHASING DEPARTMENT

---

PITI VASQUEZ, PURCHASING AGENT  
JOSE LOPEZ, JR. ASST. PURCHASING AGENT  
ELVIA CONTRERAS, FORMAL BID BUYER

MDR BUILDING, 800 E. OVERLAND  
ROOM 300, EL PASO TEXAS 79901  
(915)546-2048, FAX (915)546-8180

### **Instructions: Conflict of Interest Form (CIQ)**

- *Please complete CIQ Form whether or not a conflict exists.*
- **Box #1** All Vendors Must Print Clearly their names and company name.
- **Box #2** If the vendor has already filed a CIQ for the current year and is updating (filing a new one) due to changes on bid, please check box. If this is the first time within the current year that the vendor is submitting a CIQ, then do not check this box.
- **Box #3** If you are filing a disclosure of conflict of interest, meaning that you do have a relationship with someone listed on the page prior to the CIQ form on your BID, RFP, RFQ, or RFI, then you must print the name of the person whom you have a business relationship with.
- If you answer *yes* to any of the following: **Item A, B, C** you have a conflict and must disclose on this form.
- **Item D** List the type of relationship and what department in the local government the person you have listed in **Box #3**.
- **Box #4** Please have the person that is named on **Box# 1**, sign and date in this box. We request a contact number in case there are any questions or form is missing information. This is a courtesy to you.
- It is the vendor's responsibility to submit the CIQ document number provided by the County Clerk's to the Purchasing Department.
- Please note that the state law requires that the Questionnaire be filed with the COUNTY CLERK no later than the 7th business day after submitting an application, response to an RFP, RFQ, RFI or bid or any other writing related to a potential agreement with the County. Failure to file the questionnaire within the time provided by the statute is a Class C misdemeanor.

- File a completed Conflict of Interest Questionnaire (Form CIQ) with the El Paso County Clerk in person or by mail to 500 E. San Antonio, Suite 105, El Paso, TX 79901 or by fax to 915-546-2012 the attention of the County Clerk's office.
- If filing by fax use your fax confirmation (date/time) for your records. To obtain a copy/CIQ document number go to our website at [www.epcounty.com](http://www.epcounty.com), click on public records, click on to Official Public Records - Deeds of Trust, Liens and other public documents (County Clerk), type in the name of your company, on Style: scroll to CIQ-Conflict INT. QUESTIONNAIRE, and click on Search. It will be available on the web-site approximately 5 to 10 business days. Please fax a copy to The Purchasing Department at (915) 546-8180. If you have not yet placed it in your Bid, RFP, RFQ, RFI.
- If you have any questions, please call Elvia Contreras at 915-543-3887 or Lucy Balderama at 915-545-2195



# CONFLICT OF INTEREST QUESTIONNAIRE

# FORM CIQ

For vendor or other person doing business with local governmental entity

This questionnaire reflects changes made to the law by H.B. 1491, 80th Leg., Regular Session.

This questionnaire is being filed in accordance with Chapter 176, Local Government Code by a person who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the person meets requirements under Section 176.006(a).

By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the person becomes aware of facts that require the statement to be filed. See Section 176.006, Local Government Code.

A person commits an offense if the person knowingly violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor.

## OFFICE USE ONLY

Date Received

Bid # 12-015

**1** Name of person who has a business relationship with local governmental entity.

**2**

Check this box if you are filing an update to a previously filed questionnaire.

(The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date the originally filed questionnaire becomes incomplete or inaccurate.)

**3**

**Name of local government officer with whom filer has employment or business relationship.**

\_\_\_\_\_  
Name of Officer

This section (item 3 including subparts A, B, C & D) must be completed for each officer with whom the filer has an employment or other business relationship as defined by Section 176.001(1-a), Local Government Code. Attach additional pages to this Form CIQ as necessary.

A. Is the local government officer named in this section receiving or likely to receive taxable income, other than investment income, from the filer of the questionnaire?

Yes       No

B. Is the filer of the questionnaire receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer named in this section AND the taxable income is not received from the local governmental entity?

Yes       No

C. Is the filer of this questionnaire employed by a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership of 10 percent or more?

Yes       No

D. Describe each employment or business relationship with the local government officer named in this section.

\_\_\_\_\_  
Signature of person doing business with the governmental entity

\_\_\_\_\_  
Date

Adopted  
06/29/200  
7

**TORNILLO-GUADALUPE PORT OF ENTRY  
PROJECT ZONE SEWER FACILITY  
BID # 12-0222  
ADDENDUM NO. 1**

<b>BIDDING REQUIREMENTS, CONTRACT FORMS, AND CONDITIONS OF THE CONTRACT</b>		
<b>Item No.</b>	<b>Page or Drawing No.</b>	<b>Location and Description of Change</b>
1.01	Page 1	SUB CONSULTANT SEAL SHEET. <b>ADD</b> the "Seal Sheet," after the Cover Page as shown in "Attachment A."
1.02	Page 11 - 12	UNIT PRICES. <b>REMOVE</b> Pages 11 and 12 in their entirety and <b>REPLACE</b> with the Attached Pages 11 and 12 in "Attachment B".
1.03	Page 34 - 35	GENERAL CONDITONS. <b>REMOVE</b> Section 134. Time For Completion in its entirety and <b>REPLACE</b> with the <u>Section 134. Time For Completion</u> in "Attachment C".

<b>TECHNICAL SPECIFICATIONS</b>		
<b>Item No.</b>	<b>Page or Drawing No.</b>	<b>Location and Description of Change</b>
1.04	01025	MEASUREMENT AND PAYMENT. <b>REMOVE</b> Section 01025 in its entirety and <b>REPLACE</b> with the Section 01025 in "Attachment D".
1.05	15000	<p>PUMP STATION PIPING AND FITTINGS. PART 2 PRODUCTS, 2.01 MATERIALS.</p> <p><b>ADD</b> the following:</p> <p>E. DISMANTLING JOINT</p> <p>A. QUALITY ASSURANCE: All Dismantling Joints are designed and manufactured under quality management systems to ISO 9001:1994. They have been tested in accordance with the requirements of NSF 61 and the American Water Works Association Standard C.219 for bolted couplings.</p> <p>B. GENERAL: The Dismantling Joint shall be a self-contained flanged restrained joint fitting, including both flanged components and sufficient harness bars to withstand the imposed thrust. The Dismantling Joint will allow for up to 2" of longitudinal adjustment. The pressure rating will be determined by the flange configuration and all commonly used flanges shall be available. As standard, flanges to AWWA C207 Table D shall be used. The Dismantling Joint shall be furnished as a complete assembly consisting of spigot piece, flange adapter, tie bars, and gasket. The Dismantling Joint shall be designed so that no part of the restraint system extends outside the flange diameter. The internal bore shall match that of the pipe system. The diamrntling fitting shall be a Romac DJ400 Series (dismantling joint wuth tie-rods). Substitutions will not be allowed.</p> <p>C. MATERIALS OF CONSTRUCTION: The spigot piece shall be of steel to ASTM A283 Grade C. The Flange Adapter</p>

		<p>shall be either steel to ASTM A283 Grade C or ductile iron to ASTM A536 Grade 65-45-12. Tie bars shall be ASTM A193 Grade B7 threaded rod with rolled threads. MB7 may be used as an alternative. Gasket shall be EPDM Grade E. The Dismantling Joint shall be supplied with an in-house applied fusion bonded Epoxy or Rilsan Nylon coating applied by fluidized bed method. The coating shall comply with the requirements of NSF 61 and AWWA C550 as applicable. As an alternative, a shop-coat primer suitable for field applied coatings can be supplied.</p> <p><b>D. DESIGN &amp; PERFORMANCE:</b>  The Dismantling Joint shall comply with AWWA C.219 where applicable, and the manufacturer shall operate an accredited quality management system to ISO 9001. The manufacturer must have manufactured the Dismantling Joint for a minimum of 5 years. The design pressure rating shall be equal to or greater than the mating flanges. The gasket seal and compression stud and nut arrangement shall be independent of the tie rod restraint system. Tie Rod diameter shall be compatible with the corresponding bolt diameter of the mating flange. The Tie Rod restraint system shall be capable of withstanding the full pressure thrust that the pipe system can develop at no more that 50% of the yield strength of the tie rod material. The Dismantling Joint shall be as manufactured by Viking Johnson.</p> <p><b>E. MATERIAL SPECIFICATION:</b></p> <ol style="list-style-type: none"> <li>1. SPIGOT PIECE: Steel to ASTM A283 Grade C</li> <li>2. FLANGE ADAPTER (UP TO 12"/DN300): Ductile Iron ASTM A536 Grade 65-45-12 or Steel to ASTM A283 Grade C</li> <li>3. FLANGE ADAPTER (ABOVE 12"/DN300): Steel ASTM A283 Grade C</li> <li>4. TIE BARS: Tie Bars – High Tensile Steel to ASTM A 193 Grade B7  Nuts – Heavy Hex to ASTM A194 Grade 2H  Hardened Washers – to ASTM F436</li> <li>5. GASKETS: EPDM compound conforms to ASTM D2000. Suitable for water, sewage, many strong and oxidizing chemicals and food applications.</li> <li>6. COATING: Flange adapter and flange spigot: Fusion bonded epoxy or Rilsan. Tie Bars, nuts and washers: Zinc plated to ASTM B633 Type SC1.</li> </ol>
1.06	15100	<p>VALVES FOR PUMP STATION. Item 2.06 SEWAGE COMBINATION AIR VALVE, A.</p> <p><b>ADD</b> the following</p> <p>3. Manufacture Representative – Jeff Weigers, EGQ Utilities, 1406 Hutton Dr., Carrollton, TX 75006, 972-446-1655.</p>

DRAWINGS		
Item No.	Item No.	Item No.
1.07	C1.3 Sheet 9 of 50	<p>LIFT STATION NO. 1 SECTIONS.</p> <p><b>ADD</b> the with the following:</p> <p><u>KEY NOTE 11</u> – 2” VENT-O-MAT 050-RGXB-1021 AIR/VACUUM VALVE. NO SUBSTITUTES WILL BE ALLOWED.</p> <p>The location of the 2” vent-o-mat 050-rgxb-1021 air/vacuum valve shall be the same as shown on Sheet C3.3 lift station no. 3 sections.</p>
1.08	C2.3 Sheet 21 of 50	<p>LIFT STATION NO. 2 SECTIONS.</p> <p><b>ADD</b> the with the following:</p> <p><u>KEY NOTE 11</u> – 2” VENT-O-MAT 050-RGXB-1021 AIR/VACUUM VALVE. NO SUBSTITUTES WILL BE ALLOWED.</p> <p>The location of the 2” vent-o-mat 050-rgxb-1021 air/vacuum valve shall be the same as shown on Sheet C3.3 lift station no. 3 sections.</p>
1.09	C2.6 Sheet 29 of 50	<p>6-INCH FORCE MAIN PLAN &amp; PROFILE FROM STA. 43+00 TO STA. 63+00. <b>REMOVE</b> Sheet C2.6 in its entirety and <b>REPLACE</b> with the Attached Sheet C2.6R in “Attachment E”.</p>
1.10	C2.6R Sheet 29 of 50	<p><b>ADD</b> TEMPORARY EARTHEN IRRIGATION DITCH PLAN DURING CONSTRUCTION, detail as shown in “Attachment F.”</p>
1.11	C2.6R Sheet 29 of 50	<p><b>ADD</b> NEW EARTHEN IRRIGATION DITCH PLAN AFTER CONSTRUCTION, exhibit as shown in “Attachment G.”</p>
1.12	C3.3 Sheet 33 of 50	<p>LIFT STATION NO. 3 SECTIONS. <b>REMOVE</b> <u>KEY NOTE 3</u> – 4” GATE VALVE in its entirety</p> <p>and <b>REPLACE</b> with the following:</p> <p><u>KEY NOTE 3</u> – 4” PLUG VALVE.</p>
1.13	C3.3 Sheet 33 of 50	<p>LIFT STATION NO. 3 SECTIONS. <b>REMOVE</b> <u>KEY NOTE 11</u> – 2” VENT-O-MAT SERIES RGX AIR/VACUUM VALVE in its entirety</p> <p>and <b>REPLACE</b> with the following:</p> <p><u>KEY NOTE 11</u> – 2” VENT-O-MAT 050-RGXB-1021 AIR/VACUUM VALVE. NO SUBSTITUTES WILL BE ALLOWED.</p>
1.14	C3.3 Sheet 33 of 50	<p>LIFT STATION NO. 3 SECTIONS. <b>REMOVE</b> <u>KEY NOTE 12</u> – 6” HARNESS COUPLING ADAPTER, REFER TO DETAIL in its entirety</p> <p>and <b>REPLACE</b> with the following:</p> <p><u>KEY NOTE 12</u> – 6” DISMANTLING JOINT.</p>
1.15	E3.4 Sheet 39 of 50	<p>RF NETWORK COMMUNICATIONS BLOCK DIAGRAM. <b>REMOVE</b> Sheet E3.4 in its entirety and <b>REPLACE</b> with the Attached Sheet E3.4R in “Attachment H”.</p>

1.16	C4.6 Sheet 46 of 50	SANITARY SEWER PIPE CONNECTION DETAILS. <b>REMOVE</b> Detail 1/C4.6 "Combination Air Release Valve Installation Detail," in its entirety and <b>REPLACE</b> with the Attached Detail 1R/C4.6 "Combination Air Release Valve Installation Detail," in "Attachment I".
1.17	C4.7 Sheet 47 of 50	PIPE CASING THRUST BLOCKING & CONCRETE FLUME DETAILS. <b>REMOVE</b> Detail 5/C4.7 "Typical Harnessed Flexible Coupling Detail," in its entirety.

**ATTACHMENTS:**

- A. Sub-consultant Seal Sheet
- B. Unit Prices, Pages 11-12
- C. General Conditions, Section 134. Page 34-35
- D. Section 01025, Entire Section
- E. Sheet C2.6, Entire Sheet
- F. Sheet C2.6R, Temporary Earthen Irrigation Ditch Plan During Construction
- G. Sheet C2.6R, New Earthen Irrigation Ditch Plan After Construction
- H. Sheet E3.4R, Entire Sheet
- I. Sheet 4.6, Detail 1R/C4.6

--- END OF ADDENDUM NO. 1 ---