



Hardy Oak Blvd, Sonterra Blvd, and Potranco Rd.
Pressure Zone Interconnections Project
Solicitation Number: CO-00288

ADDENDUM 3
April 3, 2020

To Bidder of Record:

This addendum, applicable to work referenced above, is an amendment to the bid proposal, plans and specifications and as such will be a part of and included in the Contract Documents. Acknowledge receipt of this addendum by entering the Addendum number and issue date on the space provided in submitted copies of the bid proposal.

RESPONSES TO QUESTIONS

- 1. Question: Please confirm that the conduits identified on Hardy Oaks Site Plan E-2 is to be between the service drop pole identified with keynote “7” and the SCADA/Power panel and not between the CPS transformer pole and service drop pole.**

Response: Callout “To Proposed Service Pole 2-2 Conduit (1 spare)” should be between the Service pole and Power and SCADA Panel.

- 2. Question: Specification Section 16010 1.03 B 6b states Contractor is to Furnish and Install “... pad mount transformer,...” whereas Sonterra Electrical Drawing E-1 one-line shows the transformer as proposed CPS Energy Pad Mount Transformer. Please clarify the scope of supply for this contract.**

Response: A pad mount transformer for the Sonterra PRV shall be provided by the contractor at his own expense. Contractor must coordinate with CPS Energy the purchase and installation of the transformer. Contractor will also be responsible for the construction of the transformer slab and containment as required per CPS Energy Standards. Refer to Changes to Specification Section item #6 below.

- 3. Question: Same specification above also states we are to install Service Cable, please clarify as this differs from the CPS Service Standards 1002.1(A).**

Response: The service cable is from the secondary of the padmount transformer to the meter rack. Contractor to furnish and install cables, conduits lugs and equipment per CPS Energy Standards. Primary voltage cables will be furnished and installed by CPS Energy per the Standards.

- 4. Question: Please clarify the size and number of conduits to be furnished for the underground Line Extension between the pad mount transformer and the service drop pole shown on Sonterra electrical site plan E-2.**

Response: This will need to be coordinated with CPS Energy during construction. Per their standards assume two 4- inch concrete encased conduits will be needed.

- 5. Question: We were notified from the manufacturer that the PRV Vault wall mount V2LCH series fixtures specified on E-7 and for both Hardy Oak and Sonterra sites have been discontinued. They have been replaced by the V2LM2 series. These fixtures can still be obtained from vendors who have surplus stock, however, it will be a premium cost and any spares needed in the future would be very costly and factory warranty may not apply. Please review and advise on what direction SAWS would prefer.**

Response: Use Eaton Crouse-Hinds V2LM2CHW2/UNV1 instead of V2LCHW2/UNV1. Refer to Changes to the Plans Section item #1 below.

6. **Question:** There is a discrepancy between E-1 Detail B & E-7 on wiring from SCADA panel to PRV's for both Hardy Oaks and Sonterra Sites. E-1 shows the following to vault valves 8 2-#12 & 8#12GND and 2-#16 TW/SH/PR. However, E-7 does not show the 2-#16 TW/SH/PR to the valves, nor do they show on the SCADA Analog diagrams on E-4. Please clarify.

Response: Refer to Changes to the Plans Section item #2 below.

7. **Question:** For the Electromagnetic Flow Meter, E-1 Detail B shows both manufacturers' flowmeter cable from the SCADA side and CAT6 from the Power side. Shouldn't this detail reflect CAT6 from the SCADA side and 120V power from the power side? Per specification 16930 2.02A, the Flow meter requires 120V power and communication is to be via Ethernet/IP. Also, the PRV drawing on E-7 does not show the power conduit as well as the panel Schedule on E-4. Please review and clarify.

Response: The 120V power is coming from the UPS. Refer to sheet E-3 detail B.

The 120 Volt is powering the transmitter located on the SCADA side of the panel only and not the sensor that is located in the vault.

8. **Question:** Sheet E-6 Detail D, heat trace schematic and Sheet E-3 Detail G indicates pressure transmitters & process piping to be heat traced, however Detail E on Sheet E-3 does not show any heat trace in the Pressure Transmitter Enclosure. Nor does it show the conduit from the heat trace panel. Also are the portion of the sample lines inside the 2" conduit between grade & the enclosure be heat traced? Please clarify.

Response: All above ground portions of the sample lines shall be insulated and heat traced. The sample lines shall be insulated and heat traced where inside the vault. Refer to Detail G. Refer to Changes to the Plans Section item #3 below.

9. **Question:** Sheet E-6, Detail A, note 16 calls for Harger P/N TGB14212TGBKT for the ground bar mounting. The manufacturer state that is not a valid part number. Please clarify the desired part number required.

Response: The part number needs to be corrected to TGB114212TGBKT. Refer to Changes to the Plans Section item #4 below.

10. **Question:** On Sonterra Site Plan E-2 the proposed underground line extension seems to go to an existing CPS Energy power pole located near Sonterra Blvd. but drawing also shows another pole that is noted with Existing CPS Pole with 25KVA transformer located further north into the parking lot. Currently both poles seem to have pole mounted transformers. Which pole is the duct bank to be routed to?

Response: Ductbank shall be routed to the first pole (with 150kVA transformer). This is where the line labeled "UGE" ends. The line from the other 25kVA transformer is just for reference.

11. **Question:** On Sonterra Site Plan E-2 the routing of underground conduit to the area light and to PT enclosure rack exceeds the 270-Degree bends when underground to above ground transitions are included at both ends as specified in Section 16110 3.07. Please clarify or add an underground hand hole or a Quazite pull box.

Response: Underground conduits can be routed with fewer 90 degree bends as necessary. It was shown this way so that the contractor can see where the connections are being made. If necessary, lockable concrete handholes can be utilized.

12. **Question:** Site Plan E-2 conduit notes from SCADA/Power Panel to PT enclosure and PT Enclosure to PRV Vault are swapped. Please confirm and revise.

Response: Refer to Changes to the Plans Section item #5 below.

CHANGES TO THE SPECIFICATIONS

1. **COVER PAGE.** The project name should be reflected as follows: “Hardy Oak Blvd., Sonterra Blvd., and Potranco Rd. Pressure Zone Interconnections Project.”
2. **INVITATION TO BIDDERS.** The last paragraph of the Invitation to Bidders is deleted in its entirety and replaced with the following:

Due to the COVID-19 emergency and to protect the health of the public, SAWS is implementing new procedures for the submission of bids. Bids will be received either Electronically or through Sealed bids, until 2:00 PM (CT), April 13, 2020, 2020. Electronic bids will be received via the secure SAWS FTP site. Sealed bids will be received by Contract Administration, 2800 U.S. Hwy 281 North, Tower II, Customer Center Building, via a drop box located on the left wall when walking through the first set of double glass doors of the main Tower II entry on the north side of the building, San Antonio, Texas 78212. See the Electronic Bid Opening Instructions attachment for additional information regarding an electronic bid submittal. Electronic bids shall be accompanied by a bid bond in an amount not less than five percent of the total bid price. (Or, if providing SAWS with a cashier's check or certified check in an amount not less than five percent of the total bid price, SAWS will request this within 24 hours from the apparent low bidder. Sealed bids must be accompanied by a cashier's check, certified check, or bid bond in an amount not less than five percent of the total bid price. Bids will then be publicly opened and read aloud by Contract Administration via WebEx.

If Bidders intend to submit bids electronically, Bidders will need to submit a request by **April 10, 2020 at 2:00 PM (CDT)** to receive access to the File Transfer Protocol (FTP) site via email to **Janie.Powell@saws.org**. Bidder's email requesting access to the FTP site shall provide the legal name of Bidder's company and the intended recipient's email address and phone number. No requests for FTP site access will be accepted after **April 10, 2020 at 2:00 PM (CDT)**.

3. **BID PACKET CHECKLIST.** The Bid Packet Checklist is hereby deleted in its entirety and replaced with the revised Bid Packet Checklist attached to this Addendum.
4. **SUPPLEMENTAL CONDITIONS.** Sections 1, 2, 4 and 24 of the Instructions to Bidders are hereby deleted in their entirety and replaced with the following:

“1. Bids will be submitted in accordance with the following:

- a. **Electronic bids will be received by Contract Administration in the SAWS secured File Transfer Protocol (FTP) site. Personal/hand delivered sealed bids will be received by Contract Administration via a drop box located on the left wall when walking through the first set of double glass doors of the main Tower II entry on the north side of the building at San Antonio Water System, 2800 U.S. Hwy 281 North, Customer Center Building, Suite 141, San Antonio, Texas 78212. All bids will be received until the time specified in the Invitation to Bidders.**
- b. If the submittal of a **hardcopy** sealed bid is by any means other than personal/hand delivery, then it is the bidder's sole responsibility to ensure the bid is delivered to San Antonio Water System, 2800 U.S. Hwy 281 North, San Antonio, Texas 78212, no later than the exact time specified in the Invitation to Bidders.
- c. All bids errantly submitted or delivered to a location other than the exact locations stated above will be returned/ deleted and unopened.
- d. All bids received after the exact time set for the bid opening in the Invitation to Bidders will be returned/ deleted and unopened.
- e. The San Antonio Water System Contracting Office may, at its sole discretion, without waiver of rights or authority, in equity or at law, return or delete any unopened bids not meeting the exact

requirements as stated above.

2. Bids will be opened in accordance with the following:
 - a. Bids will be opened **in a public WebEx meeting** and read aloud by a Contract Administration representative. Instruction on how to participate in this public WebEx meeting can be found in the Electronic Bid Opening Instructions.
 - b. The lowest bid received at the time of the bid opening shall be designated as the “apparent low bid,” whether announced in that manner or not, and shall not represent an acceptance of an offer.
 - c. All bid results are unofficial, tentative and subject to verification on the day of the bid opening.
 - d. No bid may be withdrawn after the scheduled bid opening time without the written consent of a Contract Administration representative.
 - e. The “official” bid results will be tallied on a “bid tabulation sheet” and posted within 10 business days of the bid opening on the San Antonio Water System’s website.
4. **Electronic** bids submitted on the original bid form attached herein must be titled with the solicitation number, date and time of the bid opening, and the project name. **Hardcopy** bids submitted on the original bid form attached herein must be sealed in an envelope plainly marked on the outside with solicitation number, the date and time of the bid opening, and project name.
24. To assist the San Antonio Water System Contracting Office in performing the bidder evaluation and subsequent recommendation of award, the apparent low bidder must submit upon request the following items within one (1) day of the bid opening. Failure to provide the required information within the specific time, may result in determining a non-responsive bidder:
 - (a) An information packet on company showing experience, organization and equipment
 - (b) A statement regarding ability to complete the project within the schedule taking into account existing commitments.
 - (c) Record of performance on three (3) similar projects completed within the last 5 years including name of project, amount of project, project duration, name, address, and telephone number of contact person for each project.
 - (d) A completed and signed W-9 Request for Taxpayer Identification Number and Certification form.
 - (e) **A completed Good Faith Effort Plan.**
 - (f) **Conflict of Interest Questionnaire - Form CIQ**
 - (g) **Proof of Insurability (Letter from Insurer or Sample Certificate of Insurance)**
 - (h) **For projects with a construction estimate of \$10,000,000 or greater:**
A complete financial statement for your organization that was prepared within the past 12 months, by an independent Certified Public Accountant, and a point of contact for your banking institution.

All other sections of the Instructions to Bidders shall remain the same.”

5. **DIVISION 16 ELECTRICAL SPECIFICATIONS, 16921 SCADA SYSTEM.** Section 1.02 B is deleted in its entirety and replaced with the following:

“Geotechnical Engineering Studies shall be used for tower foundation design. Contractor shall provide these studies, at no cost to the Owner, for the design of the tower and foundation.”

6. **DIVISION 16 ELECTRICAL SPECIFICATIONS, 16010 BASIC ELECTRICAL REQUIREMENTS.** Section 1.03 B.6.b is deleted in its entirety and replaced with the following:

“Phase 2: Service Contact Pole, Service Raceway, Service Head, pad mount transformer slab and Service Cable, ready for pad mount transformer.”

CHANGES TO THE PLANS

1. *Sheet E-7 (Hardy Oaks and Sonterra)* – Note 8: Remove and replace model number with “V2LM2CHW2/UNV1”
2. Sheet E-1(Hardy Oaks and Sonterra) - Sheet E-1 Detail B shall be revised as follows:
 - SCADA SIDE:
 - Replace “To Vault valves 8X(2#12), 8-(#12GND)” with “To Vault valves 3X(2#12), (#12GND)”.
 - Delete “To Vault Valves 2X(#16 TW/SH/PR), (2) 1” Conduit (1 spare)”
 - POWER SIDE:
 - Delete “To Vault Flowmeter CAT6 (2) 1” Conduit (1 Spare).”
3. *Sheet E-3 Detail E:* (Hardy Oaks and Sonterra)
 - Remove the following from the bottom of the enclosure: “1-2” Conduit to PRV Vault” and replace with “Sample Line for Transmitters”. As per note 18 do not install these lines in electrical conduit.
 - Add 1” conduit between heat trace panel and transmitter enclosure. 2-#12 & 1-#12 shall be used for transmitter heat tracing inside panel.
4. *Sheet E-6: (Hardy Oaks and Sonterra)*
 - Detail A note 16: 3rd sentence, Replace Part Number with “*TGBI14212TGBKT*”.
5. *Site Plan E-2 (Sonterra): Detail B*
 - The conduit notes from SCADA/Power Panel to Transmitter Rack shall be revised to:
TO POWER PANEL 4-1” CONDUIT (2-SPARE)
TO SCADA 2-1” CONDUIT (1 SPARE)”
 - The conduit from transmitter rack to PRV Vault shall be revised to:
1-1” CONDUIT

CLARIFICATIONS

1. To minimize travel and the need for Bidders to hand deliver bids during the COVID19 Emergency, SAWS has provided the option to Bidders to submit bids electronically. See the Electronic Bid Opening Instructions attached to this Addendum. Bidders may still hand deliver bids if they wish and as provided for in this Addendum, but shall only submit the items as indicated on the revised Bid Proposal Checklist in the initial bid packet. Reference the revised Bid Proposal Checklist attached to this Addendum.
2. If Bidders opt to submit their bids electronically, SAWS has provided the Excel version of the List of Bid Items file, which will be made available for download on the SAWS solicitation website. The List of Bid Items shall be accompanied by the Bid Proposal Signature Page and Proposal Certification page. Reference the revised Bid Proposal Checklist attached to this Addendum.
3. The public Bid Opening will be conducted on video via a WebEx meeting. See the Electronic Bid Opening Instructions attached to this Addendum.

END OF ADDENDUM 3

This Addendum, including these six (6) pages, is eight (8) pages with attachments in its entirety.

Attachments:
Bid Opening Instructions
Bid Packet Checklist



Carl Bain PE 4/3/2020

Carl Bain, P.E.
Bain Medina Bain, Inc.



**HARDY OAK BLVD, SONTERRA BLVD, AND POTRANCO RD.
PRESSURE ZONE INTERCONNECTIONS PROJECT
Solicitation Number: CO-00288**

ELECTRONIC BID OPENING INSTRUCTIONS
April 3, 2020 at 10:00 AM (CDT)

FTP BID PROPOSAL UPLOAD

In order to receive electronic bids for this project, SAWS will utilize a SAWS secured File Transfer Protocol (FTP) site. Only Bidders bidding as Prime Contractors will need to submit their request prior to **April 10, 2020 at 2:00 PM (CDT)** to receive access to the FTP site via email to **Janie.Powell@saws.org**. Bidder's email shall provide the legal name of the Bidder's company and the intended recipient's email address and phone number. No requests for FTP site access will be accepted after **April 10, 2020 at 2:00 PM (CDT)**. Once a Bidder is approved for access, an email with a hyperlink to the FTP site and a unique password for the Bidder will be provided to the Bidder's email recipient.

Once access is received, Bidders may upload the required documents per the Bid Proposal checklist any time before **April 13, 2020 at 2:00 PM (CDT)**. Please ensure to allow sufficient time should Bidder's experience technical difficulties in uploading the required documents. No changes to the Bid can be made once the Bid has been submitted.

Bidders shall comply with the following when uploading a Bid Packet:

- 1) Limit files to one (1) pdf file that includes all requested documents, per the Bid Packet Checklist. **ONLY ONE SUBMITTAL WILL BE ACCEPTED PER REQUEST.** Do not upload any zip files.
- 2) Ensure that the itemized List of Bid Items is (are) the first page(s) of your file.
- 3) Bidders may protect the document from editing by adding a password. However, the document must be accessible for viewing by SAWS without requiring a password.
- 4) File shall be named: CO-00288 – Hardy Oaks Blvd, Sonterra Blvd and Potranco Rd Pressure Zone Interconnections.
- 5) **DO NOT SHARE ACCESS AND/OR PASSWORD WITH OTHER PARTIES OUTSIDE YOUR COMPANY.**
- 6) **ENSURE THE BID IS SENT NO LATER THAN THE DUE DATE AND TIME. BIDS SUBMITTED AFTER THE BID OPENING DEADLINE WILL NOT BE ACCEPTED.**

If the Bidder is in need of help, they may contact the SAWS Contract Administrator, **Janie M. Powell**, at **(210) 233-2443** or view troubleshooting tips at <http://www.Serv-U.com/sharefiles>

WEBEX BID OPENING MEETING

The WebEx meeting details are below if you would like to view the public opening of the bids.

When it's time, start or join the WebEx meeting from [here](#).

Access Information

Meeting Number: 996 423 077

Meeting Password: Co-00288

Audio Connection: 210-233-2550 (SAWS WebEx)

If you have any questions or concerns, please feel free to contact me.

Thank you,

Janie M. Powell

Contract Administrator

2800 U.S. Highway 281 North, Ste. 171 | San Antonio, TX 78212

Office | 210-233-2443

Email | Janie.Powell@saws.org

BID PACKET CHECKLIST
HARDY OAK BLVD, SONTERRA BLVD, AND POTRANCO RD.
PRESSURE ZONE INTERCONNECTIONS PROJECT
SAWS Job No. 17-7003
SAWS Solicitation No. CO-00288

This checklist is a required document that must be utilized and submitted with the Bid Packet. The Bid Packet should include the following items in this order:

- List of Bid Items
- Signed Bid Proposal Signature Page, Acknowledgement of All Addendums and Executive Order
- Bid Packet Checklist
- Signed Proposal Certification
- Bid Bond

Items to be submitted by Apparent Low Bidder within one (1) day of the bid opening:

- Completed Good Faith Effort Plan
- Conflict of Interest Questionnaire - Form CIQ (*Rev. 11/30/2015*)
- Proof of Insurability (Letter from Insurer or Sample Certificate of Insurance)
- Company Information Packet
- Statement regarding ability to complete the project
- W-9
- Statement of Bidder's Experience
- Detailed Baseline Schedule

***And, if bid was submitted electronically without a Bid Bond:**

- Cashier's Check or Certified Check