



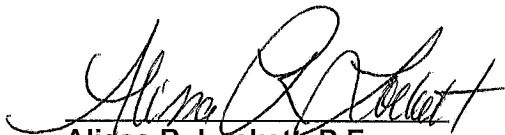
**SAN ANTONIO WATER SYSTEM
REGIONAL CARRIZO PROGRAM
COMMUNICATION TOWERS PROJECT
SAWS Job No. 12-8613
Solicitation No. B-12-055-RA**

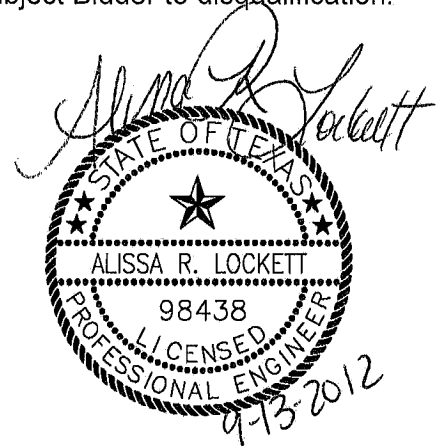
ADDENDUM NO. 2
September 13, 2012

BID DATE: September 17, 2012
2:00 p.m. Central Standard Time

To: All Document Holders of Record

This addendum, applicable to work referenced above, forms a part of the Contract Documents and modifies the original Contract Documents dated August 2012. Acknowledge receipt of this addendum by entering the addendum number and issue date in the spaces provided on submitted copies of the Bid Proposal. Failure to do so may subject Bidder to disqualification.


Alissa R. Lockett, P.E.
San Antonio Water System



ADDENDUM NO. 2

A. GENERAL QUESTIONS/CLARIFICATIONS

1. Question: Is the land upon which these 3 towers are to be built already secured (purchased or leased)?

Response: Yes, the land for the three (3) towers has been secured.

2. Question: Can you provide coordinates of the locations where these towers are to be built?

Response: See Section 13000, Paragraph 1.01.A.

3. Question: Are the plans for the 3 sites already zoning and building permit approved – or exempt from municipal approval?

Response: Exempt per IBC 105.2.3.

4. Question: Is there an opportunity for American Tower to negotiate terms for ownership of the towers after they are built?

Response: No – SAWS will own the towers.

5. Question: Precast reinforced concrete building is called out in 13000-05 section B line 2, but in section C it lists Dupont Building as an approved vendor I don't believe they make precast buildings?

Response: Correct. See changes to Section 13000, Paragraph 2.03.C.1 in Item 8 below.

6. Question: Sabre owns Sabre building systems. Can we supply a Sabre concrete building?

Response: Yes. See changes to Section 13000, Paragraph 2.03.C.1 in Item 8 below.

7. Question: Cell panel line sizes called out are 5/8" lines? Most cell carriers will require 1 5/8" lines. Do you want us to design the towers to support 5/8" lines or 1 5/8" lines?

Response: The towers should be designed to support 1 5/8" lines. See change to Section 13000, Paragraph 1.01.B.1.e in Item 6 below.

8. Question: It was mentioned in the meeting the SAWS was handling the FAA approvals for each site and the successful bidder was to handle the FCC Licensing for each site. Will the bidder be required to provide the FCC ENVIRONMENTAL ASSESSMENT STUDY? If not, are the sites exempt?

Response: An environmental study was recently conducted for the Buckhorn Wellfield WG-10 site. This study has been posted under Supplementary Information. Should the FCC require an Environmental Assessment Study for the other two sites, the Owner shall provide this at no cost to Contractor.

9. Question: Please provide contact information for surrounding landowners where site limitations will cause the need for negotiating additional staging areas.

Response: The contact for SSLGC is as follows:

R. Alan Cockerell
General Manager
Schertz-Seguin Local Government Corporation
PO Box 833
Seguin, TX 78156
Office: 830-401-2403
acockerell@sequintexas.gov

The Contractor is responsible for obtaining the contact information for any other surrounding landowners with which he / she needs to negotiate additional staging area.

10. Question: If special foundations are required (such as drilled foundations), will any or all runoff need to be contained, pumped and disposed?

Response: Yes, any runoff will need to be contained, pumped and disposed. See Item 4 below.

11. Question: Can the spoils from excavating be spread on site or do they need to be hauled away?

Response: See Item 4 below, which clarifies that the Contractor shall be responsible for disposing of all spoils from excavations and site work.

12. Question: Where underground gas pipelines right-a-ways are within the proposed construction area, will the towers grounding adversely affect the existing gas pipeline grounding?

Response: While this is not anticipated to be an issue, please see addition to Section 13000, Paragraph 1.02 in Item 7 below.

13. Question: Has each tower location been staked per FAA approved location? If not, will we be required to provide this?

Response: The coordinates for the FAA approved locations are provided in Section 13000, Paragraph 1.01.A. See Item 3 below, which clarifies that the Contractor shall be responsible for all construction staking.

14. Question: The RFP calls out 90 mph wind load w/ 30 mph and ½" ice - are engineers are saying the SSLGC Surge Tank and Buckhorn Wellfield WG-10 towers need to be designed to 95 mph wind loads. A contractor maybe able to use this as a reason for a change order after award.

Response: The towers shall be designed to meet or exceed a wind loading of 95 mph. See changes to Section 13000, Paragraph 1.01.B in Item 5 below.

B. BIDDING AND CONTRACT REQUIREMENTS

1. Section 01200, add the following sentence to the end of Paragraph 1.02.A:
“OWNER shall preside over meetings and prepare the agenda and meeting minutes.”
2. Section 01651, add Paragraph 3.01.B as follows:
“B. The timing of the Demonstration Period shall be coordinated such that the other Regional Carrizo Program projects are substantially complete.”
3. Supplementary Conditions, add the following item:
“5.16 Delete Section 5.16 in its entirety. Project controls shall be provided as detailed in specification Section 01050 – Field Engineering. All construction staking shall be provided by the CONTRACTOR.”
4. Section 01010, add Paragraph 1.04.F as follows:
“F. CONTRACTOR shall be responsible for hauling and disposing of all spoils from excavations and site work off site at no additional cost to OWNER. Only non-hazardous drilling mud and cuttings free from contaminants may be disposed of on-site in accordance with State and Local regulations as approved by the OWNER. Any drilling mud and/or cuttings that are hazardous and/or contaminated shall be disposed of off-site at no additional cost to OWNER.”
5. Section 13000, revise the second sentence of Paragraph 1.01.B as follows:
“Structural analysis should be performed by a professional engineer licensed in the State of Texas to ensure the tower meets or exceeds the industry standard wind loading at 95 mph with 0” of radial ice, and 30 mph with ½” of radial ice, in accordance with ANSI/TIA-222-G.”
6. Section 13000, revise Paragraph 1.01.B.1.e as follows:

e.	8' x 1' x 3-in Panel Antennas	12	35	277	(12) 1-5/8” lines
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7. Section 13000, add Paragraph 1.02.I as follows:
“I. Contractor shall coordinate grounding plans at the Foster Rd Elevated Tank and SSLGC Surge Tank sites with the gas companies to ensure there are no conflicts.”
8. Section 13000, replace Paragraph 2.03.C.1 as follows:
“1. The building shall be manufactured by Sabre CellXion, CXT Precast Products, Old Castle Precast, or Owner approved equal.”
9. Section 13000, replace first sentence of Paragraph 3.01.D as follows:
“Contractor shall provide a final tower inspection and provide to Owner a written report sealed by a structural engineer licensed in the State of Texas verifying the tower was installed per approved design drawings.”

10. Section 13000, add the following sentence at the end of Paragraph 3.01.F:
 "Contractor shall submit FAA Form 7450-2 Part II to the FAA within 5 days after the tower construction reaches maximum height for the towers at the Foster Rd Elevated Tank and SSLGC Surge Tank sites."
11. Section 13000, add the following sentence at the end of Paragraph 3.01.F:
 "Contractor shall submit FAA Form 7450-2 Part II to the FAA within 5 days after the tower construction reaches maximum height for the towers at the Foster Rd Elevated Tank and SSLGC Surge Tank sites."
12. Section 13000, add Paragraph 3.01.H as follows:
 "H. Construction equipment shall not exceed the overall height of the tower structure."
13. Drawing No. C-01, add Note 9 as follows:
 "CONTRACTOR SHALL INSTALL CONCRETE DRIVEWAY EXTENSION TO CONFORM WITH EXISTING GRADE TO EXTENT POSSIBLE. TOP OF CONCRETE SHALL NOT EXCEED 3-INCHES ABOVE EXISTING GRADE. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING EXISTING GRADE. SEE SECTION 01050 – FIELD ENGINEERING."
14. Drawing No. C-02, change width of driveway from 10-ft to 12-ft. Turning radius on each side of driveway to decrease accordingly.
15. Drawing No. C-03, modify distance from east edge of building and west edge of tower from 10-ft to 20-ft and distance from east edge of building to center of tower from 13.2-ft to 23.2-ft.
16. Drawing No. C-04, 10'x10' CONCRETE PAD, thickness of pad shall be 9-inches. Concrete shall be provided as specified in Section 03300.
17. Drawing No. S-01, replace with reissued drawing attached.
18. Drawing No. E-04, Detail C, add a circuit to the power panel for the tower lighting as required by the FAA. Cable, conduit and breaker size shall be as required per the lighting equipment supplied.

ACKNOWLEDGEMENT BY BIDDER

Each bidder is requested to acknowledge receipt of this Addendum No. 2 by his/her signature affixed hereto and to file same with and attached to his/her bid.

The Undersigned acknowledges receipt of this Addendum No. 2 and the bid submitted herewith is in accordance with the information and stipulation set forth.

Date

Signature of Bidder

END OF ADDENDUM

SAWS - SSLGC SURGE TANK
COMMUNICATION TOWER SITE
CANOPY DETAILS



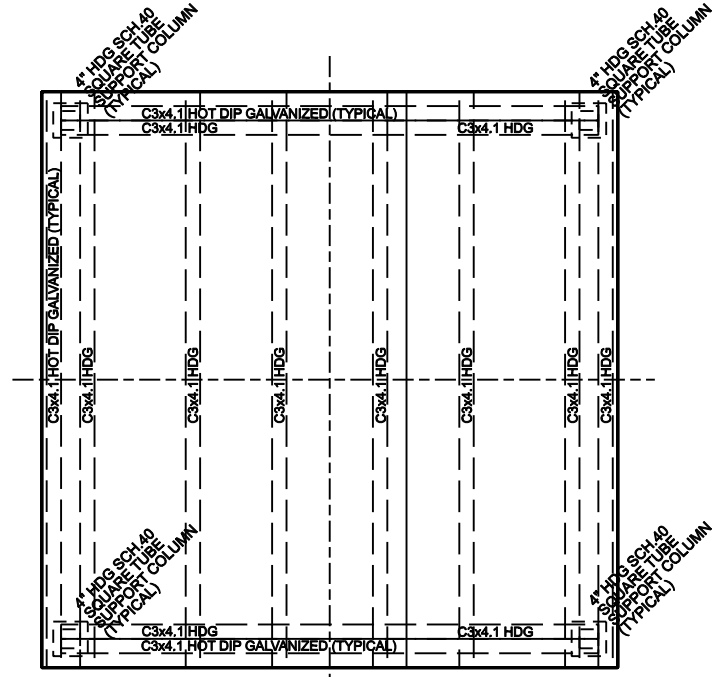
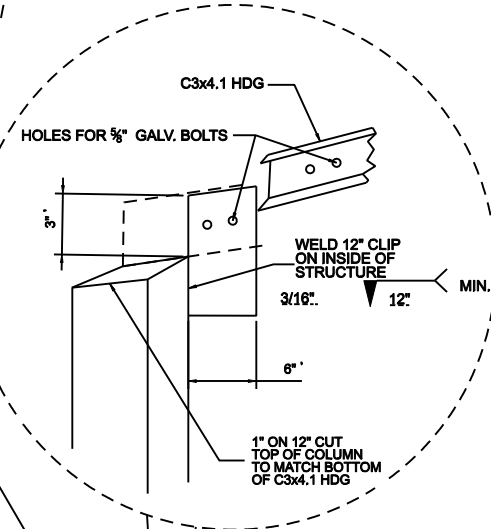
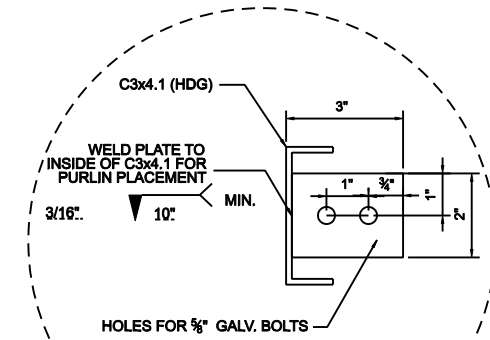
REVISIONS	Date	Approved
No. 1	09/03/12	ARL

INFORMATION

Date: 08/30/2012	Drawn by: RG
Designed by: ARL	Checked by: ARL
Scale: Varies	Approved by: ARL
Map No:	

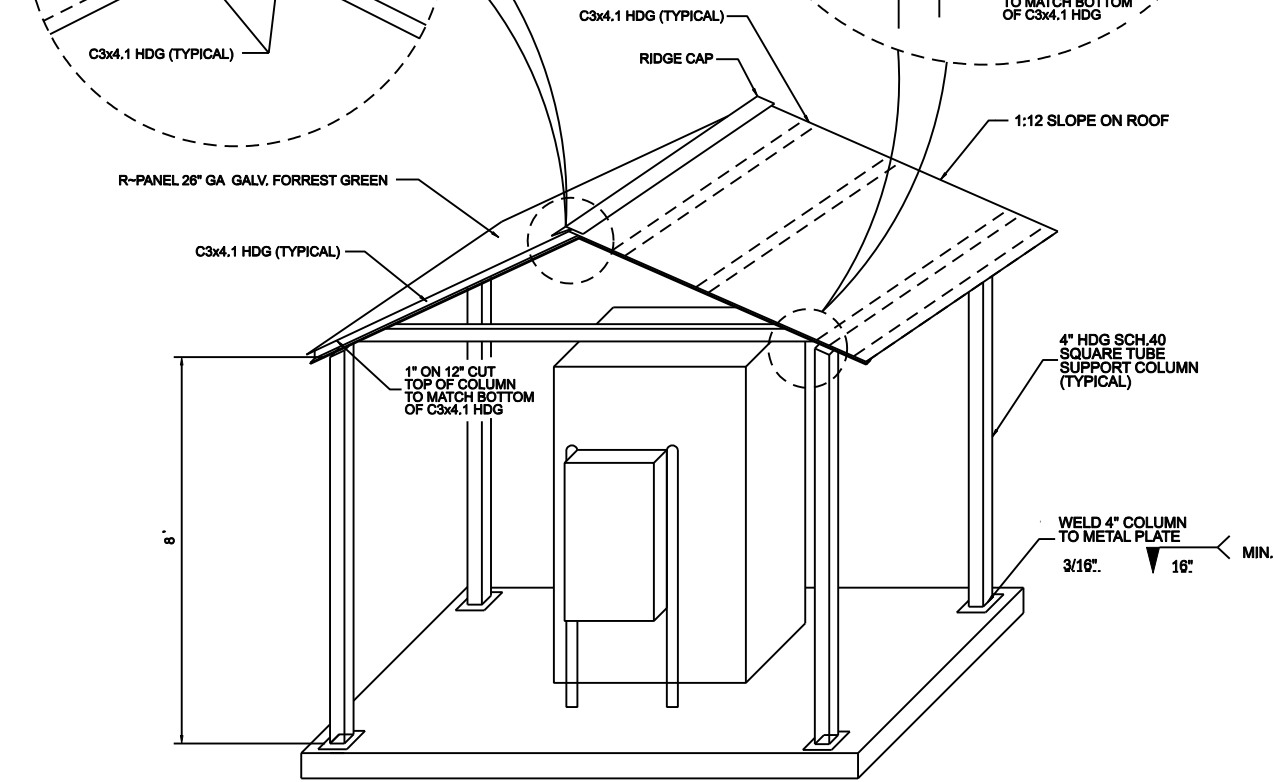
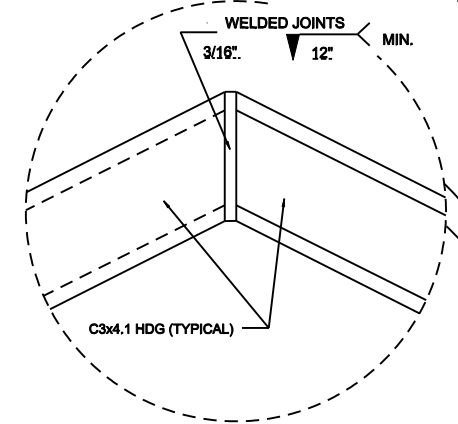


REGIONAL CARRIZO PROGRAM:
COMMUNICATION TOWERS
STRUCTURAL DETAILS
MISCELLANEOUS

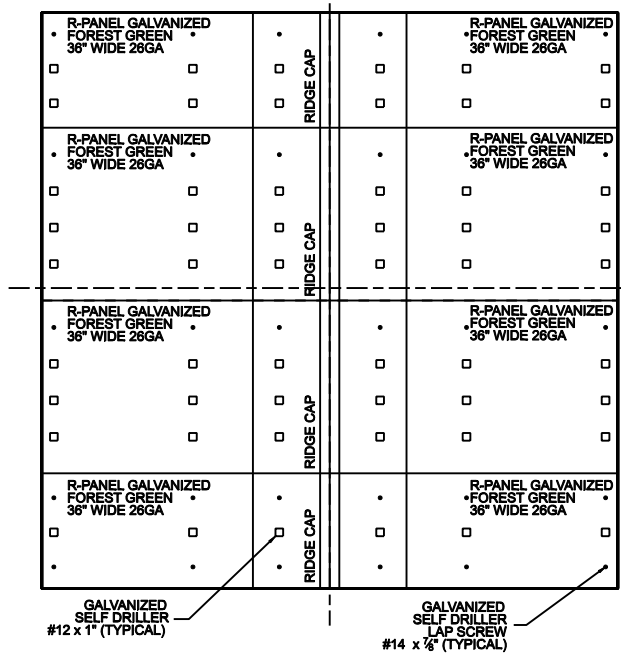


TYPICAL FRAMING PLAN

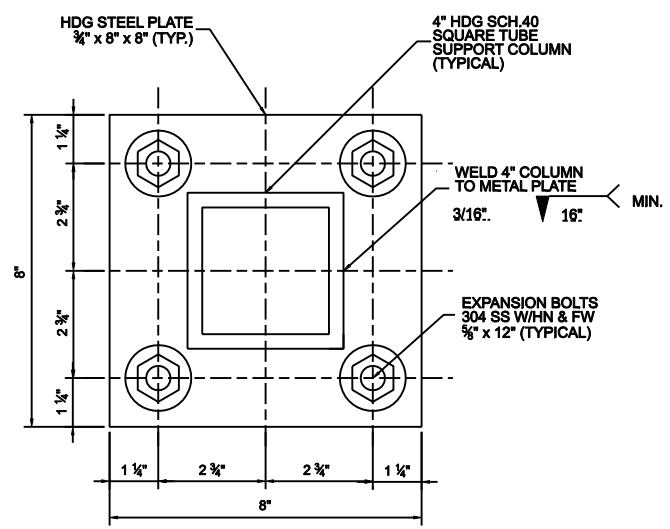
- NOTE:
- CANOPY WILL NOT NECESSARILY BE SYMMETRICAL IN RELATION TO ELECTRICAL RACK.
 - CONTRACTOR TO VERIFY SLAB DIMENSIONS. SHOULD THEY DIFFER FROM DETAIL, CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
 - ELECTRICAL PANELS SHOWN FOR DIAGRAMATIC PURPOSES ONLY, SEE SHT E-03 FOR EQUIPMENT PAD ELECTRICAL PLAN.



TYPICAL ISOMETRIC VIEW



TYPICAL ROOF PANEL PLAN



SUPPORT ANCHOR DETAIL