SAN ANTONIO WATER SYSTEM
WATER SYSTEM CONSTRUCTION
Addendum No. 2
To
Plans and Specifications
For
Dos Rios Tower Project
SAWS Job No. 11-0106
B-11-025-CM

To Bidder of Record:

This addendum, applicable to the work designed above, is an amendment to the bidding documents and as such shall be a part of and included in the Contract. The original contract documents and any prior addenda remain in full force except as modified by the following which shall take precedence over any contrary provisions in prior documents.

1.0 Addendum Purpose
The purpose of this addendum is to respond to bidder's questions.

2.0 Responses to Bidders Questions

Question: Is it possible to get the part #'s for both antenna and radio?
Antenna VHLPX3-11W – ??? , Need a complete Part # consist of 8 different antenna.
Motorola Radio PTP400 , Need a complete Part #, consist of 12 different radio's from 4.9 GHz to 5.8 GHz.

Answer: The Andrew antenna is part # VHLPX3-11W-3GR and the Motorola radio is a PTP49400 (#WB2623). This equipment already exists; the contactor is not to furnish it. Contractor will however be responsible for relocating the PTP49400 from existing 10' roof-mast to new tower, the Andrew antenna will be installed as part of another project that is currently out for bidding.

Question: What type of tower is needed? Self Support, Monopole, Guyed, Tilt Down, Etc?

Answer: Tower should be a bracketed model (with minimum equivalent specifications to the Rohn 55G) that attaches to the side of the mechanical shop wall. The completed tower installation should measure 50' from ground to the highest feasible installation point of tower.

Question: What type of transmission wires do we provide? Coax, Size, etc.

Answer: Contractor will furnish and install all transmission cables inside of 2" flexible innerduct. The transmission cables will be; 2-RG11 75-ohm quad-shielded cables

(equivalent to Belden 1617A), 2-CAT5e copper-clad cables (equivalent to Superior Essex F04P24BPN5E).

Question: What will be the total antenna loading, present and future that the tower needs to be designed for?

Answer: Tower should be capable of supporting a minimum wind loading of 2 -3' diameter solid microwave antennas (with equivalent specifications to Andrew VHLPX3-11W) and 1 – 3' Omni-directional antenna (with equivalent specifications to Cisco AIR-ANT24120). Transmission line for the Andrews VHLPX3-11W will be CNT-400, (O.D. is 0.405).

Question: Will you need accessories such as a waveguide ladder, ice bridge, etc. I am assuming you will want a climbing ladder and safety climb on the tower.

Answer: Tower should be equipped with safety climb system as recommended by the manufacturer. (DBI SALA flexible cable ladder safety system).

Question: Can we get a listing of the radio equipment we are responsible to relocate?
ANSWER: The list of equipment is; 1-Motorola PTP400, 1-Cisco 1310 Bridge with AIR-ANT24120 Omni-directional antenna, and 1-Motorola 4940AP Access Point.

Question: Do you have a soil report?

Answer: Yes, this information is included in the contract bid documents on page 108. The boring site closest to the proposed location is b-1 (N30+00 : 45+00).

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.

Michael Kampstra

Michael Kampstra, Project Engineer
Network Systems

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Date Signature of Bidder

END OF ADDENDUM