PURCHASING DIVISION

Charlotte County Administration Center
18500 Murdock Circle
Port Charlotte, Florida 33948-1094

Telephone (941) 743-1378
Facsimile (941) 743-1384

March 5, 2025

TO: PROSPECTIVE BIDDERS

RE: BID 20250269, HURRICANE IAN SELF-SUPPORTING ANTENNA TOWER AT VARIOUS LIFT STATIONS

BID DUE DATE: MARCH 26, 2025 @ 2:00 PM, EST, ADDENDUM NO. 2

Bidders are hereby notified that this addendum shall be made a part of the above-named proposal and contract documents.

The following is issued to modify, and/or clarify the proposal and contract documents. These items shall have the same force and effect as the original bid and contract documents, and bids to be submitted on the specified date shall conform with the additions, deletions and revisions as listed herein.

ITEM #1 QUESTIONS/ANSWERS:

Q1. **Is the Yagi antenna provided in RFB the model that is currently on all 28 towers?**
A1. No, each antenna is based on the locations frequency.

Q2. **Are all current towers approx. 21' above ground level?**
A2. No.

Q3. **During pre-bid conference it was stated no concrete testing is required. Section TS-07 is stating testing required, please advise.**
A3. No, concrete testing is not required.

Q4. **ANCHOR BOLTS – Anchor bolts shall be designed such that their projection above the concrete allows for one leveling nut below and two full-sized nuts above the base plate of the tower. All current towers are direct buried in concrete foundation, will direct burial tower be accepted?**
A4. Direct burial is not acceptable.

Q5. **MAST – The mast shall be fabricated from Chrom-Moly 4130 steel tubing with a minimum yield strength of 100,000 psi. It shall have a minimum 2" OD and 0.025 wall thickness. Is this correct requirement?**
A5. Yes, it is.

Q6. **The tapered tops shown on the old tower designs are they required? The Yagi style antennas can easily be leg mounted on straights sections.**
A6. The Contractor is required to comply with the design standards.

Q7. **The stainless-steel hardware for the tower sections and galvanized coating are not generally mixed - are they required as shown in the drawings?**
A7. Yes.

Q8. **Will the designs plans be submitted and reviewed by the County Engineer on record for this project?**
A8. Yes.

Q9. **How tall should the towers be for each of the locations to meet the County's RF design objectives?**
A9. Heights are to match each existing location.

Q10. Does the County have the total appurtenances for each tower current and future? i.e., Yagi antenna counts with elevations, wind telemetry equipment including elevations, lights.
A10. No.

Q11. May we orientate all of the towers to have one leg facing 0 degrees north?
A11. Yes.

Q12. Is it ok if we just use 2 – 3 tower and foundation designs for the project eliminating the need for Geotech reports for each site?
A12. Yes.

Q13. Are Geotech-designed foundations required, or can we provide stamped foundation designs based on presumptive soils?
A13. Stamped foundation designs are acceptable.

Q14. There is a note under Section B. Submittals note # 3 that states that ladder mounting details should be provided in the assembly drawings; these G-series structures inherently have "integrated climbing" with their horizontal members - is this what was being referred to or did the county really want an outside climbing ladder on the structures? If true climbing ladders are wanted, then the structures will have to be considerably different (larger) in size along with the foundations – please advise.
A14. Integrated climbing ladders are acceptable.

Q15. Tower manufactures provide assembly drawings, and they do not provide installation drawings – will the manufacturer's assembly drawings be an acceptable document in leu of the installation drawings being called out Section B. Submittals note #7?
A15. Yes.

Q16. Regarding the tower and foundation drawings- the stamped tower and foundation drawings will traditionally show a profile of the tower that could be calling out the tower orientation with one leg north. The foundation designs traditionally show a side view along with an overhead view depicting the concrete and embed tower section and/or anchor materials will this suffice in leu of construction drawing requirements for each site?
A16. Side and overhead views are acceptable.

Q17. Would you like any kind of a "air terminal" lighting rods to be installed on the top of the towers if so how high above the antennas and do you want a downlead down the towers connected to the earth grounding systems?
A17. No, this is not required.

Q18. Will the standard tower manufacturer's TIA earth grounding kit be acceptable?
A18. Yes.

Q19. Please provide additional detail regarding page 25, TS-06 SCADA Antenna Tower, A, 4, c, Ground Rod Testing.
A19. Test resistance of tower ground rod to be less than 25 ohms.

Q20. Would a pier foundation with galvanized wall shoring be acceptable?
A20. No.

Q21. Please provide if applicable the Davis Bacon wage sheets for this project.
A21. This is not required.

Q22. Regarding the old structures being removed may we remove the old tower, use a temporary solution, replace with a new tower and then transition to the new tower? (This may be really beneficial in tight areas).
A22. This is acceptable only if required due to space considerations, this will be determined on a case-by-case basis once work has commenced.

Q23. Can the old foundations be abandoned in place?
A23. No.

This addendum is binding and is to be considered as if contained within the original bid documents of Bid No. 20250269. Bidders are required to acknowledge receipt of this addendum on their bid forms.

Kimberly Corbett

Kimberly A. Corbett, C.P.M., CPPB
Senior Division Manager - Purchasing

KAC/kv
Cc: File