



MANATEE COUNTY

May 5, 2009

TO: All Interested Proposers

Reference: Request For Proposal # 09-1180BG / Construction Services for the Perico Cell Tower.

ADDENDUM # 2

Proposers are hereby notified that this Addendum shall be acknowledged by them within their proposal and shall be made a part of the above named Proposal and Contract Documents.

The following items are issued to add to, modify, and clarify the Proposal and/or Contract Documents. These items shall have the same force and effect as the original Proposal and/or Contract Documents. Proposals are to be submitted on the specified date and shall conform to the additions and revisions listed herein.

1. Proposers are hereby notified that all Addendums shall be acknowledged within Their Proposal and made a part of the above named proposal documents. Proposals submitted without Acknowledgement of any and all Addendums will be considered incomplete.
2. Deadline for Clarification Requests was: April 24, 2009 @ 5:00P.M.
3. Proposal Due Date and Time is changed to: May 14, 2009 at 10:00A.M.
4. See Attached document for Clarification Questions and Answers.

CONTINUED NEXT PAGE

Financial Management -- Purchasing Division
Suite 803 - 1112 Manatee Avenue West, Bradenton, FL 34205
PHONE: 941.749.3014 * FAX: 941.749.3034
www.mymanatee.org

If you have submitted a proposal prior to receiving this addendum, you may request in writing that your original, sealed proposal be returned to your firm. All sealed Proposals received will be opened on the date stated.

Sincerely,

R.C. "Rob" Cuthbert, C.P.M. CPPO

A handwritten signature in black ink, appearing to read "R.C. Cuthbert". The signature is stylized with a large, sweeping initial "R" and a cursive "Cuthbert".

Purchasing Manager

Question	Response
Questions from Alpha Omega Communications LLC	
<p>1. The County wants the 100'-199' space on the tower. That is the "prime" space cellular carriers would need. On a 220' tower, would the County be willing to consider taking the 100'-120' and 180'-220' spaces with cell carriers taking the 120' -180' space?</p>	<p><i>To ensure sufficient vertical separation with the 800 MHz antenna mounted at 180', cellular carrier antennas should not be mounted higher than 170'.</i></p> <p><i>The 6' microwave dish centerline is mounted at 110'. Therefore, the bottom of the cellular carrier antennas should not be mounted below 115'.</i></p> <p><i>Therefore, we could allow the cellular carriers to take the 115' – 170' space.</i></p>
<p>2. What are the BMR6A transmit antennas? Please list frequency, manufacturer, model, part number.</p>	<p><i>Manufacturer: RFS</i> <i>Part number: BMR6-A-B1</i> <i>Frequency: 806-869 MHz</i></p>
<p>3. At what height will the BMR6A antennas be mounted?</p>	<p><i>Two BMR6A antennas will be mounted at 199'</i></p>
<p>4. Please provide specifications for the 1-5/8" and 7/8" coax cables, lightning protection and the 10dBi omni whip antenna. Antenna frequency?</p>	<p><i>1 5/8" coax shall be RFS model LCF158-50JA or equivalent.</i></p> <p><i>7/8" coax shall be RFS model LCF78-50JA or equivalent.</i></p> <p><i>Coax lightning protection for 1 5/8" coax shall be RFS model GKFORM60-158 or equivalent.</i></p> <p><i>Coax lightning protection for 7/8" coax shall be RFS model GKFORM60-58 or equivalent.</i></p> <p><i>10dB omnidirectional antenna shall be RFS model AO8410M-24T0-RX or equivalent.</i></p> <p><i>Vendor should adhere to all Tyco Electronics grounding and lightning protection standards.</i></p>
<p>5. What is the directional antenna mentioned in the RFP paragraph (E.02) with the 10 dBi omni whip? Frequency? Specifications?</p>	<p><i>The reference in E.02 should have been to an 800MHz 10dB omnidirectional antenna. RFS model AO8410M-24T0-RX or equivalent. Specifications are available on their website.</i></p>
<p>6. What is the frequency for the 6' microwave dish to be mounted by the County @ 110' AGL?</p>	<p><i>6 GHz</i></p>
<p>7. What is the "tower-top amplifier just below the 180' level" that is mentioned in the paragraph(E.02) with the 6' microwave dish? Specifications?</p>	<p><i>Tower Top amp is dB Spectra model ATS8TMA18, which is associated with the 800 MHz antenna mounted at 180'. Specifications are available on their website.</i></p>
<p>8. Please provide specifications and desired features for the:</p> <ul style="list-style-type: none"> • 14'x26' two-room elevated concrete 	<p><i>Tyco Electronics standards for grounding and concrete shelters have been provided in Adobe Photoshop format.</i></p>

Question	Response
shelter • 25 kw propane generator • 1000 gallon propane tank • 18 KVA UPS	<i>In addition, specifications for generator, tank, and UPS are attached.</i>

GENERATOR SPECS

One (1) LP Vapor generator with the following options:

25KW, 120/240 volt, 1-phase, 60 Hz
125 Amp Main line circuit breaker
Electronic governor
H-100 Control Panel
Battery charger (**Battery to be installed at start-up*)
Muffler, with flex exhaust
Flexible fuel line
Weather Protective Enclosure
UL2200 Listed
Two-year limited warranty

One (1) Automatic transfer switch consisting of the following typecode and components:

- Rated at 150 amps, 2-Pole construction operating at 60 Hz, 240 Volts, 1-phase, with 2-wire start circuit
- Utility voltage sensing controls:
 - * Drop-out and pick-up
 - * Utility interrupt delay
- Adjustable logic controls
 - * Minimum standby voltage, * Minimum standby frequency, * Engine warm-up, * In-phase monitor, * Time delay neutral, * Return to utility, * Engine cool-down, * Transfer on exercise
- 7-Day programmable exerciser
- NEMA 1 Enclosure
- Standard set of 3 manuals
- UL 1008 listed
- Standard 2 Year warranty

UPS SPECS

18 Kva UPS, 208-240 volt input. 208-240 / 120 volt output.

- Must have a neutral.
- HARDWIRED IN & OUT.

Battery Modules to provide 15 minutes full load run time

Wall mount bypass switch.

LP Tank SPECS

1000 gallon LP tank and first fuel

- The tank must be at least 25' away from the spark device.

Supply:

- The above ground tank high and low pressure regulator
- 25' of underground gas line
- Labor to install and connect to the generator
- Plumbing and storage permits and first fill.
- Pad for the tank, trench for the gas lines which should be 22" deep with 4" of washed sand in the bottom.