

INVITATION TO BID
Solicitation No. 09-A025

300' COMMUNICATION TOWER FOR CARROLL COUNTY

I. Overview and General Submission Information

Overview:

The Carroll County Board of Commissioners requests bids from interested and qualified firms to design/provide a **300' COMMUNICATIONS TOWER**. This is a one-time requirement of the County. Proposals will include both a 300' Self-Support Tower and a 300' Guyed Tower which the County intends to use in comparison. The assembly and installation of the tower, whole or in part, will be accomplished by County personnel or separate contractor/s/.

Instructions to Bid

A. How to Prepare Bid Proposals: All bid proposals shall be:

1. Bidders should prepare a detailed quote for the 300' COMMUNICATION TOWER; they are willing to provide the County. Bidders should quote both a 300' Self-Support and a 300' Guyed tower. Specific details are outlined in Section III. All prices should be FOB Destination. Delivery address is provided in Section II.
2. Typewritten or completed with pen and ink, signed by the vendor or their authorized representative, with all erasures or corrections initialed and dated by the official signing the proposal. Bidders are encouraged to review carefully all provisions and attachments of this document prior to completion. Each bid constitutes an offer and may not be withdrawn except as provided herein. Also, prices are to remain firm for the period stated herein.

B. How to Submit Bid Proposals: All bid proposals shall be:

1. Submitted in a sealed envelope, plainly marked with **"Sealed Proposal - 300' COMMUNICATION TOWER FOR CARROLL COUNTY, (SOLICITATION 09-A025), MARCH 27, 2009"**
2. Mailed, Express Delivery or delivered as follows in sufficient time to ensure receipt by the Purchasing Manager on/before **2:00 P.M. FRIDAY, MARCH 27, 2009**.

(a) Mailing Address:

Carroll County Board of Commissioners
P.O. Box 338
Carrollton, GA 30112
Attn: Purchasing Manager

(b) Hand or Express Delivery Address:

Carroll County Board of Commissioners
423 College Street, Room 410
Carrollton, GA 30117
Attn: Purchasing Manager

- (c) No proposals will be received or accepted after 2:00 P.M. ET March 27, 2009. Proposals submitted after the designated date and time will be deemed invalid and returned unopened to the proponent. Carroll County is not responsible for lost or misdirected mail. It is the bidder's responsibility to ensure no late bid is submitted. No proposal may be withdrawn within thirty days after the proposal opening and shall remain firm through the period.

C. How to Submit an Objection: Objections from bidders to the invitation to bid and/or these specifications should be brought to the attention of the Purchasing Manager in the following manner.

1. Written objections should be received at least 5 days prior to the opening of the bids.
2. Failure to object in accordance with the above procedure shall constitute a waiver on the part of the vendor to protest the solicitation.

D. Standards for Acceptance of Bid for Awarded Contract: Carroll County reserves the right to waive any informality, to reject any and all bids, to evaluate all bids, to accept portions of any bid and to accept any bid which in its opinion may be in the best interest of the County. **The County reserves the right to modify the contract after its award.**

E. Compliance with laws: The bidder shall obtain and maintain all licenses, permits, liability insurance, workman's compensation insurance and comply with any and all other standards or regulations required by federal, state or County statute, ordinances and rules during the performance of any contract between the bidder and the County. Any such requirement specifically set forth in any contract document between the bidder and the County shall be supplementary to this section and not in substitution thereof.

II. General Terms and Conditions

- A. Specifications: Any obvious error or omission in specifications shall not inure to the benefit of the bidder but shall put the bidder on notice to inquire of or identify the same from the County. Whenever mention is made of any article, material, or workmanship to be in accordance with laws, ordinances, building codes, underwriter's codes, A.S.T.M. regulations or similar expressions, the requirements of these laws, ordinances, etc., shall be construed to be the minimum requirements of these specifications.
- B. Delivery Point: All items shall be quoted and delivered F.O.B. Destination to the Whitesburg, Georgia site. No address is currently available. Delivery cost and charges (if any) will be included as a line item in the bid.
- C. Delivery Time: Estimated delivery dates should be stated on the bids. Delivery time may be considered by the County when selecting most responsive and responsible bidder.
- D. Bids for All or Part: Unless otherwise specified by the County or by the bidder, **CARROLL COUNTY RESERVES THE RIGHT TO MAKE AWARD ON ALL ITEMS, OR ON ANY OF THE ITEMS ACCORDING TO THE BEST INTEREST OF THE COUNTY.** Bidder may restrict his bid consideration in the aggregate by so stating, but must name a unit price on each item bid upon.
- E. Prices to be Firm: Bidder warrants that bid prices, terms and conditions quoted in their bid will be firm for acceptance for a period of sixty (60) days from opening date.
- F. Description of Equipment: Proposals should be accompanied by copies of detailed factory specifications, ratings, technical data, including accurate descriptions of the exact towers and associated equipment on which bids are made.
- G. Completeness: All information required by Invitation to Bid must be completed and submitted to constitute a proper bid.
- H. Quality: All materials used for the manufacture or construction of towers and associated hardware covered by this bid shall be new, the latest model, of the best quality and highest grade workmanship. Also, materials must comply with all applicable Federal and State requirements in affect at the time of bid.
- I. Acceptance of Material: The material delivered under this proposal shall remain the property of the seller until a physical inspection and inventory count is made and therefore accepted to the satisfaction of the County.
- J. Award of Contract: The contract, if awarded, will be awarded to the most responsive and responsible bidder whose bid will be most advantageous to the County, price,

estimated delivery and other factors considered. The County will make the determination.

- K. Qualified Vendor: A “Qualified Vendor” is defined for this purpose as one who meets, or by the date of bid acceptance can meet, all requirements for licensing, insurance and service contained within these specifications.
- L. Compliance with Specifications – Terms and Conditions: The Invitation to Bid, Legal Advertisement, General Conditions and Instructions to Bidder, Specifications, Special Conditions, Vendor’s Bid, Addendum, and/or any other pertinent documents form a part of this proposal and by reference are made a part hereof.
- M. Signed Bid Considered Offer: The signed bid shall be considered an offer on the part of the bidder, which offer shall be deemed accepted upon approval by the Carroll County Board of Commissioners. In case of a default on the part of the bidder after such acceptance, Carroll County Board of Commissioners may take such actions as it deems appropriate including legal action for damages or specific performance.
- N. Invoices – Invoices should be mailed to the following address:

Carroll County Board of Commissioners
P.O. Box 338
Carrollton, GA 30112
Attn: Accounts Receivable
- O. Payment Terms- Net 30 Days.
- P. Point of Contact - Russ Benedict, Purchasing Manager (770) 830-5868, rbenedict@carrollcountyga.com.
- Q. All materials must be accompanied by manufacturer/factory recommended assembly instructions and Preventative Maintenance procedures.
- R. Bidders must be current with all Carroll County Property Taxes to be considered for this proposal.

III. TOWER SPECIFICATIONS

- A. The County requires one (1) each Communication Tower. The County will compare the costs of the Self-Supporting and Guyed Towers, along with installation costs, then make a decision of which type to procure.
- B. Specifications for the Self-Supporting Tower:

SELF-SUPPORTING	
1.	300' Steel Tower w/300' above ground level and overall height of 304' to the top of lightning protection.
2.	Tower to be designed for a 90mph wind speed in accordance with the TIA/EIA-222- G Standard and a 30mph wind speed including 0.75" ice.
3.	Tower to utilize solid round leg material and single angle x-bracing pattern.
4.	Tower manufactured with mill certified solid steel members per ASTM.
5.	All steel material, components, and hardware to be hot-dipped galvanized per ASTM A 123 specification and the ASTM A 153 specification.
6.	All tower assembly hardware utilized to be in accordance with the ASTM A 325 specification.
7.	Stamped tower and foundation drawings to be provided by a Registered Georgia Professional Engineer (custom foundation design to be provided upon receipt of geo-technical report).
8.	Foundation materials to include anchor bolts with hardware, bearing plates, template plates, and angle iron with necessary hardware to connect template plates, provided to ensure precise bolt orientation and base width.
9.	Step bolts provided for full height of tower (up one leg of tower).
10.	OSHA approved safety climb system including 3/8" galvanized cable system for two man safe operation with necessary hardware for full height of tower; system includes one full body harness.
11.	Waveguide ladder to accommodate the initial carrier.
12.	Grounding Kit- Includes 4' lightning rod w/6' extension to attach to the top of tower.
13.	Universal beacon mount for top beacons: (2) total.
14.	Antenna Loading Description:
	- (3) 20' Whip Antenna @ 300' Elevation (3) 1 5/8" Feedlines
	- (3) 20' Whip Antenna @ 275' Elevation (3) 1 5/8" Feedlines
	- (1) 4' Solid Dish (No Radome) @ 220' Elevation (1) 1 5/8" Feedlines
	- (1) 4' Solid Dish (No Radome) @ 210' Elevation (1) 1 5/8" Feedlines
	- (1) 4' Solid Dish (No Radome) @ 200' Elevation (1) 1 5/8" Feedlines
	- (1) 4' Solid Dish (No Radome) @ 190' Elevation (1) 1 5/8" Feedlines
15.	Freight Charges

C. Specifications for Guyed Tower:

GUYED TOWER	
1.	300' Steel Tower w/300' above ground level and an overall height of 304' to the top of lightning protection.
2.	The tower shall have a thirty-six (36) inch face (leg to leg).
3.	Tower to be designed for a 90mph wind speed in accordance with the TIA/EIA-222-G Standard and a 30mph wind speed including 0.75" ice.
4.	Tower to have 240' (80% of tower height) guy radius with standard three-leg (120 degree) level ground guying and six (6) guy points. (Two guy points per leg)
5.	Tower shall be equipped with two (2) torque arms to prevent twist.

6.	Tower to utilize solid round leg and inner member material.
7.	Tower manufactured with mill certified solid steel members per ASTM.
8.	All steel material, components and hardware to be hot-dipped galvanized per ASTM A 123 specification and the ASTM A 153 specification.
9.	Class A – EHS or structural bridge strand guy materials galvanized per ASTM A 586. All galvanized guy hardware provided.
10.	Tower shall include all hardware to erect a completed tower including Tower Steel, Guy Wires, Turnbuckles, Thimbles, Preforms, Anchors, Nuts, Bolts and any other hardware normally associated with a tower erection.
11.	All tower assembly hardware utilized to be in accordance with the ASTM A 325 specification.
12.	Stamped tower and foundation drawings to be provided by a registered Georgia Professional Engineer (custom foundation design to be provided upon receipt of geotechnical report).
13.	Foundation materials to include one base pin and six anchor rods.
14.	Integral ¾” horizontal members for climbing (up one face of tower).
15.	OSHA approved safety climb system including 3/8” galvanized cable system for two man safe operation with necessary hardware for full height of tower; system includes one full body harness.
16.	Integral tabs to accommodate the initial carrier. (built in Cable Ladder)
17.	Grounding materials for this tower is lightening rod for top of tower. Integral grounding shall be provided by contractor.
18.	Universal beacon mount for top dual beacon: (2) total.
19.	Antenna Loading Description:
	- (3) 20’ Whip Antenna @ 300’ Elevation (3) 1 5/8” Feedlines
	- (3) 20’ Whip Antenna @ 275’ Elevation (3) 1 5/8” Feedlines
	- (1) 4’ Solid Dish (No Radome) @ 220’ Elevation (1) 1 5/8” Feedlines
	- (1) 4’ Solid Dish (No Radome) @ 210’ Elevation (1) 1 5/8” Feedlines
	- (1) 4’ Solid Dish (No Radome) @ 190’ Elevation (1) 1 5/8” Feedlines
20.	Freight Charges

IV. Bid Acceptance

Bids shall be reviewed and evaluated by the Carroll County Board of Commissioners. An award, if made, will be made to the responsible bidder whose proposal is most advantageous to the County while meeting the above specifications and delivery.

R. Benedict
Purchasing Manager
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