

CITY OF WHITE HOUSE PUBLIC NOTICE  
Board of Mayor and Aldermen Agenda  
*Special Session*  
May 5, 2011  
4:45 p.m.

1. Call to Order by the Mayor
2. Roll Call
3. Adoption of the Agenda
4. New Business
  - a. To approve or reject \$75,596.40 to purchase radio tower site equipment for the Robertson County radio consolidation project.
5. Adjournment

# Memo

**To:** Board of Mayor and Alderman  
**From:** Chief Palmer  
**CC:**  
**Date:** May 2, 2011  
**Re:** Radio tower site equipment purchase

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Thank you for this short notice consideration of the radio tower site equipment purchase this is a portion of the infrastructure improvement of the Robertson County radio consolidation project. The reason behind this short notice is we have been working to acquire additional regional grant monies for this part of the project. The original tower site project costs were \$113,118.08 and then we received the grant when applied reduced the project costs to \$75,596.40. At this time I am asking your approval of \$75,596.40 to purchase equipment and the installation of the equipment at our tower site located on Industrial Drive.

Thanks,



Chief Joe Palmer

# Greer Communications, Inc

661 Horace Crow Drive  
 Clarksville, TN 37043  
 Phone (931) 645-6358  
 Fax (931) 645-1240

## Communications Equipment

Budgetary  
 Rev3

Customer:   
 Address:   
 Contact:   
 Phone:   
 Fax:   
 Email:

Date:   
 QUOTE#:   
 Site:   
 Terms:   
 Salesperson:   
 Sys ID:

This quote is valid for 30 days from quote date.

**Summary:** This is a budgetary quote to add a site in White House to the D7 Trunking Network. This is based on frequencies= 453.3875 (FD), 460.1875 (PD), and 452.050 (water). Does not include backhoe work. This is just partial equipment.

PART #	DESCRIPTION	UNIT PRICE	EXTENSION
<b>INFRASTRUCTURE</b>			
<b>ANTENNA &amp; COAX</b>			
4307xx	Low PIM UHF Repeater Antenna (7/16 DIN Female Connector)	1,050.00	2 \$ 2,100.00
481515	1 1/4" N Female Premium Connector	197.20	2 \$ 394.40
465581	1 1/4" DIN Connector	197.20	2 \$ 394.40
360987	1 1/4" Cable Hoist	22.95	2 \$ 45.90
39794	1 1/4" Ground Kit	16.55	4 \$ 66.20
467090	1 1/4" Snap in Hanger for 3/4" holes(10 Pack)	17.45	10 \$ 174.50
390150	Universal Round Member Tower Stand Off Clamps (10 pk)	47.50	10 \$ 475.00
41666	1/2" Superflex Coax	6.10	70 \$ 427.00
81225	1/2" N Female Superflex Connector	85.00	10 \$ 850.00
59787	RG-142 Double Shielded Coax (per foot)	4.25	40 \$ 170.00
36421	RG-142 N Male Connector	6.35	3 \$ 19.05
88028	RG-142 BNC Connector	3.15	3 \$ 9.45
22326	Polyphaser Coaxial Combiner Lightning Protector	119.00	1 \$ 119.00
62713	Polyphaser Coaxial Lightning Protector. Receiver or Single Transmit, N/M ant N/F equip	69.00	1 \$ 69.00
430607	8 Port (8peepM) Polyphaser Entrance Panel	1,643.00	1 \$ 1,643.00
449419	12" Grounding Buss Bar	61.50	1 \$ 61.50
414017	Ground Rod, 8' x 5/8" Copper Clad	18.20	10 \$ 182.00
439195	2 AWG Solid Copper Tinned Ground Wire	2.45	180 \$ 441.00
GCI-EXOSHOT	Exothermic 2 AWG Ground Lug	20.00	14 \$ 280.00
48111	6 AWG Shielded Flexible Ground Wire	1.70	40 \$ 68.00
447418	Lugs for 6 AWG Wire	2.10	8 \$ 16.80
23186	Halo Stand Off Clamp	9.05	20 \$ 181.00
420598	Compression "C" Taps for 2 AWG to 2 AWG	4.10	12 \$ 49.20
HRDW	Bolts, Extension Cables, and Misc Hardware	500.00	1 \$ 500.00
<b>MICROWAVE</b>			
375595	4.9 GHZ Point to Point MW (2 ODU and IDU, no ant)	4,246.00	2 \$ 8,492.00
361593	Cable. Connects ODU and IDU	182.00	2 \$ 364.00
488702	4 Foot 4.9 GHZ Dish	1,720.00	1 \$ 1,720.00
	T1 Surge Protector	65.00	2 \$ 130.00
	Ethernet Surge Protector	65.00	2 \$ 130.00
950-9351	Connectorized Punchdown Block	75.00	1 \$ 75.00
<b>Infra. Total</b>			<b>\$ 19,647.40</b>

**NTS**

**NTS CHASSIS**

700-604	NTS Chassis w/ Power Supply, Terminated	3,815.00	1	\$	3,815.00
700-636	NTS Master Card II	5,950.00	1	\$	5,950.00
700-605	NTS Clock Module	868.00	1	\$	868.00
700-601	NTS Dual Channel Card	10,990.00	2	\$	21,980.00
700-606	NTS Dual T1 Card	7,140.00	1	\$	7,140.00
500-502	NTS Kenwood TK-840 Repeater Cable	180.00	3	\$	540.00
500-479	NTS Dual Repeater Cable	195.00	2	\$	390.00
500-513	NTS AC Power Cable	31.00	1	\$	31.00
500-483	NTS Service Port Cable	100.00	1	\$	100.00

**NTS OPTIONS**

250-115	NTS Network Commander (per site)	1,100.00	1	\$	1,100.00
	External Data Storage	125.00	1	\$	125.00
				<b>NTS Total</b>	<b>\$ 42,039.00</b>

**SERVICES**

**INSTALLATION, SERVICE CALLS, MANAGEMENT, ENGINEERING, TRAINING, LICENSING, ETC**

	Installation of NTS	6,800	1	\$	6,800.00
	Grounding	85.00	24	\$	2,040.00

**TOWER AND ANTENNA WORK**

	Antenna Mounting and Coax Run	4,100	1	\$	4,100.00
				<b>Services Total</b>	<b>\$ 12,940.00</b>

SUB TOTAL	\$	74,626.40
TAX	\$	-
SHIPPING	\$	970.00
<b>TOTAL PRICE</b>	<b>\$</b>	<b>75,596.40</b>