

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 53921 Service: DTV Call WXII-TV Channel: 16 (UHF)

ID: Sign:

File **0000026725**

Number:

FRN: **0002538445** Date **07/25**

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
HEARST PROPERTIES INC. Doing Business As: Hearst Properties Inc.	P.O. BOX 1800 RALEIGH, NC 27602 United States	+1 (919) 839- 0300	mprak@brookspierce. com	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email	
[Confidential]				

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email

The Preparer is same as the reimbursement contact.

Broadcaster Information and Transition Plan Question Response

Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	see attached document

Transmitters

3	Section	Question	Response
	Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	Yes
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	Sigma CD3100P2
	Year	2001
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	42 kW

Facility ID's and Call Signs of all stations with whom the transmitter is shared.

Facility ID	Call Sign
35385	WCWG

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-60
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	38 kW
	Justification for New Transmitter	Existing IOT transmitter cannot be converted to post-transition channel, see GatesAir EOL and HTV IOT to Solid-State Justification statements. An IOT replacement is more expensive than proposed SS transmitter. See attached Comark IOT Transmitter quote.

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	transmitter installation electrical service
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Other Transmitter Cost Not Listed

Name	Description
Transmitter de-install	remove old transmitter
Change Orders 3-6	Required adjustments to transmitter configuration
Transmitter installation incidentals	Installation equipment, supplies, etc.
Remote Control	transmitter remote control equipment
Sales Tax	transmitter sales tax
Shipping	transmitter shipping
Electrical Accessories	manufacturer required surge protection
Additional RF components	Additional RF components required for transmitter operation and integration into current RF environment per GatesAir quote.
Change Orders 1 and 2	Required adjustments to transmitter configuration

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	815.0 kW

Manufacturer	
Model	TFU-30- DSC-R04
Year	2001

Facility ID's and Call Signs of all stations with whom the antenna is shared.

Facility ID	Call Sign
35385	WCWG

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	640.0 kW
	Manufacturer	

Model	TFU-30- DSC-R04
Year	2019
Justification for New Antenna	Current antenna is channel specific and cannot be used on post- transition channel. Antenna must be replaced.

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Other Antenna Cost Not Listed

Name	Description
Additional RF components	transformer, elbow & custom line section
Shipping	antenna shipping
Sales Tax	antenna sales tax

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	24
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	62.3 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	815.0 kW
	Manufacturer	
	Model	TFU-24WB- 1-R C160
	Year	2019

Justification for New Antenna	The
	proposed
	interim
	antenna is
	broadband
	and can be
	used for
	both pre
	and post
	transition
	channels
	and is
	required to
	facilitate a
	smooth and
	on-time
	transition to
	the
	assigned
	post-
	transition
	channel.

Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	В
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	No

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Interim Antenna

Other Antenna Cost Not Listed

Name	Description
Impedence Transformer	transformer to match antenna to transmission line
Sales Tax	antenna sales tax
Shipping	antenna shipping
Change Order 1	additional elbows to connect transmitter

Transmission Seffien	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

Line Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	Dielectric
Line Manufacturer and Type	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	650 feet per run

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID	Call Sign
35385	WCWG

Primary

Other Transmission Line Expenses Not Listed

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Transmission	n _{Na} ine	Description

Transmission Line Sweep	line sweep to determine if line will work with	
	post-transition channel	

Interim Transmissio

New Transmission Line

Transmission Emis		
Section	Question	Response
New Transmission Line	Use	Interim
Costs	Description of Use	N/A
	Change Type	Purchase New
	Туре	Rigid
	Diameter	6 1/8 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	500 feet per run
	Justification for New Transmission Line	Line required to support interim antenna

Other Transmission Line Expenses Not Listed

Interim	Other Transmission Line Expenses Not Listed		
Transmissio	n Line	Description	
	Sales Tax	transmission line sales tax	

Tower Equipment And Rigging Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	Terrain Constrained
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	No
	Others Types of Users	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1008241
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	36° 22' 31.0" N-
	Longitude (NAD83)	080° 22' 25.0" W-
	Overall Structure Height	682.73 feet
	Support Structure Height	579.39 feet

Ground Elevation Above Mean Sea Level (AMSL)	2399.91 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Hearst Properties Inc.
Date Constructed	01/01/1953

Other Types of Users

Users
NOAA Wthr Radio
Commercial 2way

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Serious Reinforcements needed

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Terrain constrained
Helicopter Services Required	Are helicopter services required?	No

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Tower site clearing	Remove trees and other objects to allow tower modifications and guy wire replacements
Telephone line relocation	Dropping and reinstalling telephone lines on utility poles required to complete tower modifications
Transmitter Site Land Survey	Land survey required for relocating power lines
Power line relocation	Relocate power lines - needed to perform tower modifications
Generator rental	Generator rental and fuel needed to complete guy wire replacement
Tower Consulting	tower consulting and tower project management

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional

Other Professional Services Expenses Not Listed

Services Costs	Description
Transmitter Site Survey	Transmitter planning survey & transmitter building drawings
Non-Catalog legal expenses	Non-Catalog expenses for legal advice and services, including financial/reimbursement review, transition reporting, transition procedures, and other transition-related issues

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	No
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

Other Expenses Not Listed

Name	Description
Contract Labor	labor directly related to the station channel change

Cost Information

Transmitters

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-60	\$1,825,223.64	\$1,323,594.85		\$1,177,943.79	
Additional RF components	\$67,893.22	\$67,893.22	Additional RF components required for transmitter operation and integration into current RF environment per GatesAir quote.	\$67,893.19	N/A
Electrical Accessories	\$1,942.49	\$1,942.49	manufacturer required surge protection	\$1,942.49	N/A
Shipping	\$11,000.00	\$11,000.00	transmitter shipping per attached GatesAir quote	\$10,765.45	N/A
Remote Control	\$5,000.00	\$5,000.00	see invoice	\$0.00	N/A
Change Orders 3-6	\$5,012.70	\$5,012.70	additional equipment for transmitter installation	\$5,012.70	N/A

Transmitter de-install	\$22,779.10	\$22,779.10	removal of old transmitter per GatesAir quote	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$999,698.41	GatesAir quote sections A, B & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition.	\$999,698.41	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$8,472.80	N/A	\$8,472.80	N/A
Other Electrical Service: transmitter installation electrical service	\$91,400.00	\$91,400.00	Transmitter electrical design and installation services.	\$56,600.00	N/A
Transmitter installation incidentals	\$4,000.00	\$4,000.00	transmitter installation incidentals	\$414.30	N/A
Change Orders 1 and 2	\$27,144.45	\$27,144.45	Required changes to transmitter configuration	\$27,144.45	N/A
Sales Tax	\$79,251.68	\$79,251.68	transmitter sales tax per attached GatesAir quote	N/A	N/A
Sub-total	\$1,825,223.64	\$1,323,594.85	N/A	\$1,177,943.79	N/A
Total for all systems	\$4,244,476.04	\$3,583,081.78	N/A	\$2,965,484.70	N/A

Components

Actual Information Description	File Name	
Additional RF components	Component Description: Amount:	WXII transmitter delivery - RF accessories \$67,893.19
	Amount.	ψ07,093.19
Electrical Accessories		
	Component Description:	WXII transmitter delivery - surge protector
	Amount:	\$1,942.49
Shipping		
	Component Description:	WXII Transmitter shipping
	Amount:	\$10,765.45
Remote Control		
	Component Description:	WXII repack transmitter remote control
	Amount:	\$4,955.17
Change Orders 3-6		
	Component Description:	WXII transmitter change orders Q- 78302; Q-79465; Q-79580; Q-80213
	Amount:	\$5,012.70
Transmitter de-install	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW

Component Description: Transmitter 2nd

deposit

Amount: \$215,264.19

Component Description: WXII main

transmitter 3 prior

to ship

Amount: \$377,840.50

Component Description: WXII transmitter

installation & proof

Amount: \$59,761.65

Component Description: WXII transmitter

delivery transmitter & mask filter

Amount: \$228,912.49

Component Description: Transmitter 1st

deposit

Amount: \$117,919.58

Transformer 3 phase/480v - 300 KVA

Component Description: WXII transmitter

deliverytransformer

Amount: \$8,472.80

ransmitter installation	Component Description:	WXII transmitter
electrical service		electrical
		installation design
	Amount:	\$6,000.00
	Component Description:	WXII transmitter
		electrical
		installation 2
	Amount:	\$12,300.00
	Component Description:	WXII transmitter
		electrical
		installation
	Amount:	\$38,300.00
Transmitter installation		
incidentals	Component Description:	WXII fork lift for
		transmitter
		delivery revision 2
	Amount:	\$414.30
Change Orders 1 and 2		
	Component Description:	WXII transmitter
		change orders 1
		and 2
	Amount:	\$27,144.45
Sales Tax	Information not provided.	

Cost Information

Antennas

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-24WB- 1-R C160	\$214,116.85	\$200,086.85		\$182,900.85	
Change Order 1	\$3,360.00	\$3,360.00	additional elbows needed for antenna installation	\$3,360.00	N/A
Shipping	\$8,729.85	\$8,729.85	antenna shipping per attached Dielectric quote and shipping for custom cut T /L pieces	\$3,119.85	N/A
Sales Tax	\$11,576.00	\$11,576.00	estimated antenna sales tax based on North Carolina state and local sales tax rate of 6.75%	N/A	N/A
Impedence Transformer	\$0.00	\$0.00	required to match antenna to transmission line	\$0.00	N/A

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$0.00	see interim antenna quote	\$0.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 815 kW input, directional,, horizontally	\$170,021.00	\$170,021.00	antenna & elbow complex per attached Dielectric quote	\$170,021.00	Progress payments include accessories not itemized See invoice explanations in Attachments
Primary Antenna FFU-30- DSC-R04	\$259,056.00	\$255,323.00		\$219,216.50	
Sales Tax	\$14,486.00	\$14,486.00	estimated antenna sales tax based on North Carolina state and local sales tax rate of 6.75%	\$0.00	N/A

Total for all systems	\$4,244,476.04	\$3,583,081.78	N/A	\$2,965,484.70	N
Sub-total	\$473,172.85	\$455,409.85	N/A	\$402,117.35	N
included in antenna base cost)					
(if not					
antennas					
power					
brackets for high					
Side mount	\$23,150.00	\$21,750.00	N/A	\$21,750.00	N
needed)					
1/8. feedline (if					
input, per 6					
antenna					
channel, at					
complex, single					
Elbow	\$12,300.00	\$10,297.00	N/A	\$10,297.00	N/
antenna					
of existing					
Sweep test	\$6,730.00	\$6,400.00	N/A	\$0.00	N.
polarized					
horizontally					
640 kW input,					
antenna,					
basic slot					
Mount,			301001		
Power, Side			Confirmation 501001		
UHF - High	\$192,073.00	\$192,073.00	See Order	\$187,169.50	N/
			quote		
			Dielectric quote		
			attached		
			& 14 on		
			Lines 4, 13		
			section.		
componente			custom line		
components			elbow &		
RF			section,		

Components

Actual Information Description	File Name	
Change Order 1	Component Description: Amount:	WXII interim antenna CO1 additional elbows \$3,360.00
Shipping	Component Description: Amount:	WXII shipping for custom length transmission line sections \$3,119.85
Sales Tax	Information not provided.	
Impedence Transformer	Information not provided.	
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	
Sweep test of existing antenna	Component Description: Amount:	WXII interim antenna and line sweep \$6,400.00

UHF - High Power, Side Mount, basic slot antenna, **Component Description:** WXII Dielectric 24 bay,, 815 kW input, Interim Antenna directional,, horizontally payment 3 polarized according to terms, invoice type prepayment2 45%; 82,241.32 Amount: \$82,241.32 **Component Description:** WXII Dielectric Interim Antenna payment 1&2 equals 45% see invoice terms 82,241.32 Amount: \$82,241.32 **Component Description:** WXII interim antenna payment Amount: \$5,538.36 Sales Tax Information not provided. Shipping Information not provided. Additional RF components Information not provided.

UHF - High Power, Side Mount, basic slot antenna,	Component Description:	WXII main
640 kW input, horizontally		antenna paymen
polarized		prior to ship
	Amount:	\$83,643.25
	Component Description:	WXII antenna
		credit memo
	Amount:	(\$4,903.50)
	Component Description:	WXII Dielectric
		Main antenna
		Payment 10%
		down and 35%
		with order equals
	Amount:	45% \$108,429.75 \$108,429.75
Sweep test of existing	Information not provided.	V 100, 120.10
antenna		
Elbow complex, single channel, at antenna input,	Component Description:	WXII main
per 6 1/8. feedline (if	Component Description.	antenna elbow
needed)		complex
	Amount:	\$10,297.00
Side mount brackets for		
high power antennas (if not	Component Description:	WXII main
included in antenna base		antenna side
cost)		mount brackets
	Amount:	\$21,750.00

Cost Information

Transmission Line

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description Interim Transmission Line	Predetermined Cost Estimate \$121,147.00	Estimated Cost \$98,654.43	Estimated Cost Justification	Actual Cost \$93,507.43	Actual Cost Justification
Rigid Transmission Line - copper, 6 1 /8" broadband	\$116,000.00	\$93,507.43	see invoices	\$93,507.43	a
Sales Tax	\$5,147.00	\$5,147.00	estimated antenna sales tax based on North Carolina state and local sales tax rate of 6.75%	N/A	N/A
Primary Transmission Line	\$3,677.90	\$3,677.90		\$3,677.90	
Transmission Line Sweep	\$3,677.90	\$3,677.90	Transmission line sweep to determine if transmission line will work with post- transition channel.	\$3,677.90	N/A
Sub-total	\$124,824.90	\$102,332.33	N/A	\$97,185.33	N/A
Total for all systems	\$4,244,476.04	\$3,583,081.78	N/A	\$2,965,484.70	N/A

Components

Actual Information Description	File Name	
Rigid Transmission Line - copper, 6 1/8" broadband	Component Description:	WXII interim transmission line components and shipping
	Amount:	\$9,623.27
	Component Description:	WXII transmission line payment
	Amount:	\$4,559.26
	Component Description:	WXII interim transmission line custom length sections
	Amount:	\$1,582.50
	Component Description:	WXII Dielectric Interim Transmission line payment 45% prior to delivery 38,606.72
	Amount:	\$38,606.72
	Component Description:	WXII interim transmission line components
	Amount:	\$528.96
	Component Description:	WXII Dielectric Interim transmission line payments 10% down and 35% with order equals
	Amount:	45% 38,606.72 \$38,606.72

Sales Tax	Information not provided.	
Transmission Line Sweep		
	Component Description:	WXII transmission
		line sweep
	Amount:	\$3,677.90

Cost Information

Tower Equipment and Rigging Costs

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$1,665,831.99	\$1,551,877.09		\$1,231,754.92	
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,009,645.10	TCI Tower Modification costs	\$1,000,944.10	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$350,000.00	N/A	\$47,260.00	N/A
Generator rental	\$13,767.04	\$13,767.04	Total of generator rental and fuel used.	\$13,767.04	N/A
Telephone line relocation	\$1,770.00	\$1,770.00	required for tower modifications	\$1,770.00	N/A
Transmitter Site Land Survey	\$18,500.00	\$18,500.00	Land Survey required for power line relocation	\$15,058.00	N/A
Tower site clearing	\$38,500.00	\$38,500.00	Remove items blocking power line relocation and tower modifications.	\$38,475.00	N/A

Tower Consulting	\$6,250.00	\$6,250.00	tower consulting estimate per attached quote	\$6,235.83	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$6,800.00	N/A
Power line relocation	\$101,444.95	\$101,444.95	Power line relocation required for tower modifications (guy wire replacement)	\$101,444.95	N/A
Sub-total	\$1,665,831.99	\$1,551,877.09	N/A	\$1,231,754.92	N/A
Total for all systems	\$4,244,476.04	\$3,583,081.78	N/A	\$2,965,484.70	N/A

Components

Actual Information Description	File Name	
Serious tower reinforcement /modifications		
	Component Description:	Invoice for 50% of
		tower mod quote
		less MOU deposit. See attached
		quote "TCI-17- 050F - Hearst
		WXII 576ft
		Winston Salem
		NC - Mod Maint.
		LC2 10.31.17.pdf".
		Also see "WXII
		TCI down
		payment
		explanation.pdf".
	Amount:	\$352,995.00

Component Description: WXII portion of

TCI tower modifications deposit. This and TCI invoice 8263 comprise the 50% down payment per quote payment

terms.

Amount: \$101,200.00

Component Description: WXII tower credit

memo

Amount: (\$8,701.00)

Component Description: WXII tower

modification CO2

Amount: \$59,386.60

Component Description: WXII tower

modification weather days

Amount: \$39,347.50

Component Description: WXII TCI tower

mod MOU invoice. See attached

MOU "TCI MOU 8-28-17 TCI.PDF" for support. Also see "WXII TCI down payment explanation.pdf".

Amount: \$101,200.00

Component Description: WXII tower

modifications completion

Amount: \$268,788.00

	Component Description: Amount:	WXII tower modification permit - CO3 \$6,250.00
	Component Description: Amount:	WXII tower modifications 3 \$181,678.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: Amount:	WXII tower structural re-run CO1 \$2,580.00
	Component Description: Amount:	WXII tower work phase 2 DP \$44,680.00
Generator rental		
	Component Description: Amount:	WXII rental generator fuel 2 \$1,425.35
	Component Description: Amount:	WXII rental generator fuel 1 \$2,724.23
	Component Description: Amount:	WXII generator rental \$9,617.46
Telephone line relocation	Component Description:	WXII telephone
	Amount:	line removal and reinstall revised \$1,770.00

Fransmitter Site Land Survey		
Jul v G y	Component Description:	WXII Invoice with
		cover letter for
		land survey
		required for power line relocation.
		Supporting quote
		provided.
	Amount:	\$15,058.00
	. Milouiti	ψ.ο,σσο.σσ
Tower site clearing		
	Component Description:	WXII land clearing
		2 rev
	Amount:	\$1,725.00
	Component Description:	removal of tower
	Component Boothphon.	blocking power
		line relocation.
		supporting quote
		provided.
	Amount:	\$12,000.00
	Component Description:	WXII land clearing
	Component Description.	1 rev
	Amount:	\$24,750.00

Tower Consulting		
	Component Description:	WXII tower
	Amount:	consulting 5 rev \$300.00
	Amount:	\$300.00
	Component Description:	WXII Tower
		invoice for on-site
		visit. NOTE: One half of airfare and
	Amount:	full lodging. \$847.83
	Component Description:	WXII tower
	Component Description.	consulting 3
	Amount:	\$450.00
	Component Description:	WXII tower
	Amount:	consulting 2 \$4,538.00
		MANU
	Component Description:	WXII tower consulting 4
	Amount:	\$100.00
Structural engineering tower		
load study for well documented tower	Component Description:	WXII Tower Geotechnical
		study invoice. Supporting quote provided.
	Amount:	\$5,400.00
	Component Description:	WXII Geotechnical
		study access road invoice
	Amount:	\$1,400.00

Component Description:	invoice for power
Component Description.	·
	line relocation.
	Supporting quote
	provided.
Amount:	\$101,444.95

Cost Information

Outside Professional Services

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co
Outside Professional Services	\$102,300.00	\$98,350.00		\$45,819.45	
Non-Catalog legal expenses	\$20,000.00	\$20,000.00	Non-Catalog expenses for legal advice and services, including financial /reimbursement review, transition reporting, transition procedures, and other transition- related issues	\$15,518.56	N/A
Transmitter Site Survey	\$20,600.00	\$20,600.00	Transmitter planning survey & transmitter building drawings per attached quote	\$20,600.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	\$1,726.40	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees						
request for Special Temporary Authorization Prepare \$1,580.00 \$1,500.00 N/A N/A engineering section of FCC Form 2100 (main), License to Cover Application Perform \$7,360.00 \$7,000.00 N/A \$1,862.50 engineering study for new channel assignment and antenna development Prepare and or review reimbursement form Address \$2,630.00 \$2,500.00 N/A N/A N/A transition timing and coordination issues w/ other stations	- Prepare and File FCC Form 2100 (main), Construction Permit	\$5,260.00	\$5,000.00	N/A	\$1,864.13	N/A
engineering section of FCC Form 2100 (main), License to Cover Application Perform \$7,360.00 \$7,000.00 N/A \$1,862.50 engineering study for new channel assignment and antenna development Prepare and or review reimbursement form Address \$2,630.00 \$2,500.00 N/A \$1,797.86 vransition timing and coordination issues w/ other stations	request for Special Temporary	\$4,100.00	\$3,000.00	N/A	\$850.00	N/A
engineering study for new channel assignment and antenna development Prepare and or review reimbursement form Address \$2,630.00 \$2,500.00 N/A \$1,797.86 N/	engineering section of FCC Form 2100 (main), License to Cover	\$1,580.00	\$1,500.00	N/A	N/A	N/A
or review reimbursement form Address \$2,630.00 \$2,500.00 N/A N/A transition timing and coordination issues w/ other stations	engineering study for new channel assignment and antenna	\$7,360.00	\$7,000.00	N/A	\$1,862.50	N/A
transition timing and coordination issues w/ other stations	or review reimbursement	\$2,630.00	\$2,500.00	N/A	\$1,797.86	N/A
and wireless	transition timing and coordination issues w/	\$2,630.00	\$2,500.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,600.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Sub-total	\$102,300.00	\$98,350.00	N/A	\$45,819.45	N/A
Total for all systems	\$4,244,476.04	\$3,583,081.78	N/A	\$2,965,484.70	N/A

Components

Actual Information Description	File Name	
Non-Catalog legal expenses		
	Component Description:	WXII non-catalog
		legal 2
	Amount:	\$3,690.02
	Component Description:	WXII non-catalog
		legal 1
	Amount:	\$11,828.54

Transmitter Site Survey		
	Component Description:	WXII Field Serivce
		Gates Air, 7/25 /2016 \$20,600
	Amount:	\$20,600.00
	Amount.	Ψ20,000.00
Attorney Fees - Prepare		
and File request for Special	Component Description:	WXII Prepare and
Temporary Authorization		File request for
		Special Temporary
		Authorization
	Amount:	\$1,726.40
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100		
(main), Construction Permit	Component Description:	WXII Prepare and
Application		File FCC Form
		2100, Construction
	A	Permit Application 2
	Amount:	\$1,054.53
	Component Description:	WXII Prepare and
		File FCC Form
		2100, Construction
		Permit Application
	Amount:	\$809.60
Prepare request for Special		
Temporary Authorization	Component Description:	WXII RF consulting
		interim antenna for
		STA
	Amount:	\$100.00
	Component Description:	WXII RF
	Component Description.	Consulting interim
		antenna STA
		antenna STA

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Component Description:	WXII RF Consulting engineering study
	Amount:	invoice 1 \$1,062.50
	Component Description:	WXII interim antenna development
	Amount:	\$150.00
	Component Description:	WXII RF Consulting engineering study invoice 2
	Amount:	\$650.00
Prepare and or review eimbursement form	Component Description:	WXII Prepare and
		/or review reimbursement Form 399
	Amount:	\$1,497.80
	Component Description:	WXII Prepare and /or review reimbursement
	Amount:	Form 399 2 \$300.06
Address transition timing and coordination issues w/other stations and wireless	Information not provided.	

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	WXII RF Consulting prepare CP engineering \$1,600.00
ASR modification (prepare FCC Form 854)	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
RF Exposure Measurements	Information not provided.	

Cost Information

Other Expenses

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$53,122.66	\$51,517.66		\$10,663.86	
Contract Labor	\$4,209.46	\$4,209.46	accounting labor directly related to the Spectrum Repack project	\$4,209.46	N/A
MVPD Notification of Channel Change	\$2,723.20	\$2,723.20	per invoice	\$2,723.20	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$10,000.00	N/A	\$3,731.20	N/A
Equipment Storage	\$30,500.00	\$30,500.00	antenna storage estimate. See attached Dielectric document.	N/A	N/A

FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$2,500.00	\$2,500.00	need BP quote	N/A	N/A
Sub-total	\$53,122.66	\$51,517.66	N/A	\$10,663.86	N/A
Total for all systems	\$4,244,476.04	\$3,583,081.78	N/A	\$2,965,484.70	N/A

Components

Actual Information Description	File Name	
Contract Labor	Component Description: Amount:	WXII accounting labor \$4,209.46
MVPD Notification of Channel Change	Component Description: Amount:	WXII MVPD notification \$2,723.20
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	WXII medical notification \$3,731.20
Equipment Storage	Information not provided.	

FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,244,476.04	\$3,583,081.78	\$2,965,484.70

Reimbursem	entestatus	Response
	The facility has ceased operating on its pre- auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Section Question Response

Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
 Person signing
 below certifies that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. John Drain Hearst Television SVP Chief Financial Officer

07/25/2019

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- 1. The Authorized
 Person signing
 below certifies and
 represents that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Douglas
Durkee
Hearst
Television
Manager of
Spectrum
Repack

07/25/2019

Attachments