

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	53921	Service: DTV	Call Sign:	WXII-TV	Channel: 16 (UHF)
File Number:	00000	26725	Sign.		
FRN: 00	02538445	Date Submitted:	04/02 /2020		

Applicant Name, Type, and Contact Information

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

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Preparer Contact Name and Information Contact Applicant Addres	Preparer Contact Name and Information				
	Address	Phone	Email		
	The Preparer is same as the reimbursement contact.				

Broadcaster	Question	Response
Information		
and		
Transition		
Plan		

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

Primary Transmitter	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 and Type	Manufacturer		
		Model	Sigma CD3100P2	
		Year	2001	
		Туре	Inductive Output Tube	
		IOT Power Type	Тwo	
		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

Existing Transmitter Information

Primary	New Transmitter Costs				
Transmitter	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.		

Primary	Other Transmitter Costs				
Transmitter	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

Primary	
Transmitter	

Name	Description
Transmitter installation incidentals	Installation equipment, supplies, etc.
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
Change Orders 3-6	Required adjustments to transmitter configuration
Remote Control	transmitter remote control equipment
Sales Tax	transmitter sales tax
Transmitter de-install	remove old transmitter

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information			
Antenna	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

Primary	New Antenna Costs	osts		
Antenna Section New Antenna Descrip	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 Manufacturer and Types	Class	Full Power	
		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		
			1	

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.

Response

No

N/A

N/A

N/A

N/A

Yes

Single Channel

Primary Other Antenna Costs

Primary Antenna			
	Section	Question	
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
		Туре	
		Number of channels supported	
		Frequencies of channels supported	
		Frequency	
		Do you need a combiner output splitter /switcher for dual feed lines?	
	Elbow Complex	Do you require the separate purchase of the Elbow Complex?	
		Broadband or Single Channel?	
		Feed Line Size	

Feed Line Size6 1/8
inchesSide Mount BracketsDo 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

Primary Antenna

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

Other Antenna Cost Not Listed

Interim	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
New Antenna	Will antenna be located on or in close proximity to an antenna farm?	No	
	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.

Response

No

N/A

N/A

Interim Antenna	Other Antenna Costs		
	Section	Question	
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
		Туре	
		Number of channels supported	
		Frequencies of channels supported	
		Frequency	
		Do you need a combiner output splitter /switcher for dual feed lines?	

	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?	of 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

Other Antenna Cost Not Listed

Interim Antenna

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

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

Primary Existing Transmission Line

Transmission

ssion	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
Line		Is the existing transmission line shared with another station or stations?	Yes
		Is Transmission Line in operating condition?	Yes
	Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
		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

Other Transmission Line Expenses Not Listed Transmission

Transmission Line Sweep

Description
line sweep to determine if line will work with post-transition channel

New Transmission Line Transmission Line

ransmissior	n 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

Interim	Other Transmission Line Expenses No	t Listed
Transmissic	n Line	Description
	Sales Tax	transmission line sales tax

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

mary	Existing	Tower

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	Do you have a tower registration number?	Yes	
	Registration	ASR Number	1008241	
	Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	36° 22' 31.0" N-	
	1983))	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 Section Qu

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 Rigging Costs

Tower	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		
	Power line relocation	Relocate power lines - needed to perform tower modifications		
	Tower Consulting	tower consulting and tower project management		
	Generator rental	Generator rental and fuel needed to complete guy wire replacement		
	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		

Outside	Section	Question	Response
Professional	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 Other Professional Services Expenses Not Listed

Professional	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	Section	Question	Response
Expenses	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 Not Listed

Other Expenses	Other Expenses Not Listed			
	Name	Description		
	Contract Labor	labor directly related to the station channel change		

Transmitters

Cost Information

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

Description Primary Transmitter ULXTE-60	Predetermined Cost Estimate \$1,737,151.71	Estimated Cost \$1,235,522.92	Estimated Cost Justification	Actual Cost \$1,177,943.79	Actual Cost Justification
Transmitter de-install	\$22,779.10	\$22,779.10	removal of old transmitter per GatesAir quote	N/A	N/A
Sales Tax	\$0.00	\$0.00	transmitter sales tax per attached GatesAir quote	N/A	N/A
Remote Control	\$0.00	\$0.00	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
Change Orders 1 and 2	\$27,144.45	\$27,144.45	Required changes to transmitter configuration	\$27,144.45	N/A

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
ectrical cessories	\$1,942.49	\$1,942.49	manufacturer required surge protection	\$1,942.49	N/A
iipping	\$10,765.45	\$10,765.45	transmitter shipping per attached GatesAir invoice	\$10,765.45	N/A
ansmitter stallation cidentals	\$414.30	\$414.30	transmitter installation incidentals	\$414.30	N/A
ther lectrical ervice: ansmitter stallation lectrical ervice	\$91,400.00	\$91,400.00	Transmitter electrical design and installation services.	\$56,600.00	N/A
Fransformer 3 phase 480v - 300 KVA	\$36,800.00	\$8,472.80	N/A	\$8,472.80	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
Sub-total	\$1,737,151.71	\$1,235,522.92	N/A	\$1,177,943.79	N/A
Total for all systems	\$4,095,182.53	\$3,137,897.97	N/A	\$3,051,536.73	N/A

Components

Actual Information Description	File Name	
Transmitter de-install	Information not provided.	
Sales Tax	Information not provided.	
Remote Control		
	Component Description:	WXII repack transmitter remote control
	Amount:	\$4,955.17
Change Orders 3-6		
	Component Description:	WXII transmitter change orders Q-
	Amount:	78302; Q-79465; Q-79580; Q-80213 \$5,012.70
Change Orders 1 and 2		
	Component Description:	WXII transmitter change orders 1
	Amount:	and 2 \$27,144.45

Additional RF components		
	Component Description:	WXII transmitter
		delivery - RF
		accessories
	Amount:	\$67,893.19
Electrical Accessories		
	Component Description:	WXII transmitter
		delivery - surge
		protector
	Amount:	\$1,942.49
Shipping		
	Component Description:	WXII Transmitter
		shipping
	Amount:	\$10,765.45
Transmitter installation		
incidentals	Component Description:	WXII fork lift for
		transmitter
		delivery revision 2
	Amount:	\$414.30
Other Electrical Service:		
transmitter installation	Component Description:	WXII transmitter
electrical service		electrical
		installation 2
	Amount:	\$12,300.00
	Component Description:	WXII transmitter
		electrical
		installation design
	Amount:	\$6,000.00
	Component Description:	WXII transmitter
		electrical
	Amount:	installation \$38,300.00
		<i>+-0,000.00</i>

Transformer 3 phase/480v - 300 KVA	Component Description: Amount:	WXII transmitter delivery- transformer \$8,472.80
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	Component Description: Amount:	WXII transmitter installation & proof \$59,761.65
	Component Description: Amount:	Transmitter 2nd deposit \$215,264.19
	Component Description: Amount:	Transmitter 1st deposit \$117,919.58
	Component Description:	WXII transmitter delivery - transmitter &
	Amount:	mask filter \$228,912.49
	Component Description:	WXII main transmitter 3 prior to ship
	Amount:	\$377,840.50

Antennas

Cost Information

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	\$196,930.85	\$182,900.85		\$182,900.85	
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 polarized	\$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.
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
Impedence Transformer	\$0.00	\$0.00	required to match antenna to transmission line	\$0.00	N/A

\$0.00	\$0.00	estimated antenna sales tax based on North Carolina state and local sales tax rate of 6.75%	N/A	N/A
\$3,119.85	\$3,119.85	antenna shipping per attached Dielectric invoices and shipping for custom cut T /L pieces	\$3,119.85	N/A
\$3,360.00	\$3,360.00	additional elbows needed for antenna installation	\$3,360.00	N/A
\$244,127.30	\$240,394.30		\$235,490.80	
\$0.00	\$0.00	estimated antenna sales tax based on North Carolina state and local sales tax rate of 6.75%	\$0.00	N/A
	\$3,119.85	\$3,119.85 \$3,119.85 \$3,360.00 \$3,360.00	antenna sales tax based on North Carolina state and local sales tax rate of 6.75%\$3,119.85\$3,119.85\$3,119.85antenna shipping per attached Dielectric invoices and shipping for custom cut T /L pieces\$3,360.00\$3,360.00\$3,360.00additional elbows needed for antenna installation	antenna sales tax based on North Carolina state and local sales tax rate of 6.75%North Sales state and local sales tax rate of 6.75%\$3,119.85antenna shipping per attached Dielectric invoices and shipping for custom cut T /L pieces\$3,360.00\$3,360.00\$3,360.00 elbows needed for antenna installation\$3,360.00

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,297.00	N/A	\$10,297.00	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, 640 kW input, horizontally polarized	\$192,073.00	\$192,073.00	See Order Confirmation 501001	\$187,169.50	N/A
Additional RF components	\$5,197.00	\$5,197.00	additional antenna/RF components	\$5,197.00	N/A
Shipping	\$4,677.30	\$4,677.30	antenna shipping	\$4,677.30	N/A
Sub-total	\$441,058.15	\$423,295.15	N/A	\$418,391.65	N/A
Total for all systems	\$4,095,182.53	\$3,137,897.97	N/A	\$3,051,536.73	N/A

Components

Actual Information Description	File Name	
Sweep test of existing antenna	Component Description:	WXII interim antenna and line
	Amount:	sweep \$6,400.00

UHF - High Power, Side		
Mount, basic slot antenna, 24 bay,, 815 kW input,	Component Description:	WXII Dielectric
directional,, horizontally		Interim Antenna
polarized		payment 3
p • • • • • • • • • • • • • • • • • • •		according to
		terms, invoice type
		prepayment2
	Amount:	45%; 82,241.32 \$82,241.32
	Amount.	ΨOZ,241.32
	Component Description:	WXII Dielectric
		Interim Antenna
		payment 1&2
		equals 45% see
		invoice terms
	Amount:	82,241.32 \$82,241.32
	Amount.	ФОZ,241.32
	Component Description:	WXII interim
		antenna payment
	Amount:	\$5,538.36
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	
Impedence Transformer	Information not provided.	
Sales Tax	Information not provided.	
Shipping		
	Component Description:	WXII shipping for
		custom length
		transmission line
	Amount:	sections
	Amount.	\$3,119.85
Change Order 1		
	Component Description:	WXII interim
		antenna CO1
		additional elbows
	Amount:	\$3,360.00

Sales Tax	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description:	WXII main antenna side
	Amount:	mount brackets \$21,750.00
Elbow complex, single channel, at antenna input,		
per 6 1/8. feedline (if	Component Description:	WXII main
needed)		antenna elbow
	Amounti	complex
	Amount:	\$10,297.00
Sweep test of existing		
antenna	Component Description:	WXII main
		antenna sweep
	Amount:	\$6,400.00
UHF - High Power, Side Mount, basic slot antenna, 640 kW input, horizontally polarized	Component Description:	WXII main antenna payment prior to ship
	Amount:	\$83,643.25
	Component Description:	WXII antenna
	Amount:	credit memo (\$4,903.50)
	Component Description:	WXII Dielectric
	•	Main antenna
		Payment 10%
		down and 35%
		with order equals
		45% \$108,429.75
	Amount:	\$108,429.75

	Component Description:	WXII main
		antenna parts rev
	Amount:	\$5,197.00
Shipping		
	Component Description:	WXII antenna cu
		TL shipping rev
	Amount:	\$4,677.30

Transmission Line

Cost Information

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 Transmission Line	\$116,000.00	\$93,507.43		\$93,507.43	
Sales Tax	\$0.00	\$0.00	estimated antenna sales tax based on North Carolina state and local sales tax rate of 6.75%	N/A	N/A
Rigid Transmission Line - copper, 6 1 /8" broadband	\$116,000.00	\$93,507.43	see invoices	\$93,507.43	а
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	\$119,677.90	\$97,185.33	N/A	\$97,185.33	N/A
Total for all systems	\$4,095,182.53	\$3,137,897.97	N/A	\$3,051,536.73	N/A

Components

Actual Information Description	File Name
Sales Tax	Information not provided.

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

Transmission Line Sweep		
	Component Description:	WXII transmission
		line sweep
	Amount:	\$3,677.90

Tower Equipment and Rigging Costs

Cost Information

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	\$1,662,350.82	\$1,287,421.92		\$1,282,990.92	
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,005,375.10	TCI Tower Modification costs	\$1,000,944.10	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	\$15,058.00	\$15,058.00	Land Survey required for power line relocation	\$15,058.00	N/A
Tower site clearing	\$38,475.00	\$38,475.00	Remove items blocking power line relocation and tower modifications.	\$38,475.00	N/A
Tower Consulting	\$6,235.83	\$6,235.83	tower consulting estimate per attached quote	\$6,235.83	N/A

Structural engineering tower load study for well documented tower	\$12,600.00	\$6,800.00	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
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$98,496.00	N/A	\$98,496.00	N/A
Sub-total	\$1,662,350.82	\$1,287,421.92	N/A	\$1,282,990.92	N/A
Total for all systems	\$4,095,182.53	\$3,137,897.97	N/A	\$3,051,536.73	N/A

Components

Serious tower reinforcement /modifications	Actual Information Description	File Name

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". \$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. \$101,200.00
Component Description: Amount:	WXII tower credit memo (\$8,701.00)
Component Description: Amount:	WXII tower modification permit - CO3 \$6,250.00
Component Description: Amount:	WXII tower modifications completion \$268,788.00

Component Description: Amount:	WXII tower modifications 3 \$181,678.00
Component Description: Amount:	WXII more tower mods (CO2) and permit extension \$4,431.00
Component Description: Amount:	WXII tower modification CO2 \$59,386.60
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". \$101,200.00
Component Description:	WXII tower modification weather days
Amount:	\$39,347.50

Generator rental		
	Component Description:	WXII rental
		generator fuel 2
	Amount:	\$1,425.35
	Component Description:	WXII rental generator fuel 1
	Amount:	\$2,724.23
	Component Description:	WXII generator
	Amount:	rental \$9,617.46
Telephone line relocation		
	Component Description:	WXII telephone
		line removal and
		reinstall revised
	Amount:	\$1,770.00
Transmitter Site Land		
Survey	Component Description:	WXII Invoice with
		cover letter for
		land survey
		required for power
		line relocation.
		Supporting quote
	Amount:	provided. \$15,058.00
		· · ·

Tower site clearing		
	Component Description:	WXII land clearing
		2 rev
	Amount:	\$1,725.00
	Component Description: Amount:	WXII land clearing 1 rev \$24,750.00
	Component Description:	removal of tower blocking power line relocation. supporting quote provided.
	Amount:	\$12,000.00

Tower Consulting		
	Component Description:	WXII Tower consultant travel invoice for on-site visit. NOTE: One half of airfare and full lodging.
	Amount:	\$847.83
	Component Description:	WXII tower consulting 3 revised
	Amount:	\$450.00
	Component Description: Amount:	WXII tower consulting 2 \$4,538.00
	Component Description:	WXII tower
	Amount:	consulting 5 rev \$300.00
	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
	Amount:	provided. \$5,400.00
	Component Description:	WXII Geotechnical study access road invoice
	Amount:	\$1,400.00

Power line relocation		
	Component Description:	invoice for power line relocation.
		Supporting quote provided.
	Amount:	\$101,444.95
Complex Tower (includes,		
for example, those with	Component Description:	WXII main
candelabras and/or stacked		antenna install
antennas)		mobilization
	Amount:	\$17,872.00
	Component Description:	WXII main
		antenna install
		completion and
		change order 3 rev
	Amount:	\$33,364.00
	Component Description:	WXII tower
		structural re-run
		CO1
	Amount:	\$2,580.00
	Component Description:	WXII tower work
		phase 2 DP
	Amount:	\$44,680.00

Outside Professional Services

Cost Information

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 Cc Justificat
Outside Professional Services	\$108,821.29	\$77,083.79		\$57,636.18	
Non-Catalog legal expenses	\$26,521.29	\$26,521.29	Non-Catalog expenses for legal advice and services, including financial /reimbursement review, transition reporting, transition procedures, and other transition- related issues	\$26,521.29	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
RF Exposure Measurements	\$21,050.00	\$0.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	\$1,300.00	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$250.00	N/A	\$250.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$1,600.00	N/A	\$1,600.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$1,862.50	N/A	\$1,862.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,797.86	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	\$1,840.40	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
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 - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,864.13	N/A
Sub-total	\$108,821.29	\$77,083.79	N/A	\$57,636.18	N/A
Total for all systems	\$4,095,182.53	\$3,137,897.97	N/A	\$3,051,536.73	N/A

Components

Actual Information	
Description	File Name

Non-Catalog legal expenses		
	Component Description:	WXII non-catalog
		legal 3
	Amount:	\$11,002.73
	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
RF Exposure Measurements	Information not provided.	
ASR modification (prepare FCC Form 854)	Information not provided.	
Prepare request for Special		
Temporary Authorization	Component Description:	WXII RF
		Consulting interim
		antenna STA
	Amount:	\$750.00
	Component Description:	WXII RF consulting
	Component Decomption	interim antenna for
		-
	Amount:	interim antenna for
	Amount:	interim antenna for STA \$450.00
		interim antenna for STA
	Amount:	interim antenna for STA \$450.00 WXII RF consulting

section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	WXII RF consultir for License to Cov \$250.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit	Component Description:	WXII RF Consulting prepar
Application	Amount:	CP engineering \$1,600.00
Perform engineering study for new channel	Component Description:	WXII interim
assignment and antenna development		antenna development
	Amount:	\$150.00
	Component Description:	WXII RF Consulting
	Amount:	engineering study invoice 1 \$1,062.50
		WXII RF
	Component Description:	Consulting engineering study invoice 2
	Amount:	\$650.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Prepare and or review reimbursement form	Component Description:	WXII Prepare and /or review reimbursement
	Amount:	Form 399 \$1,497.80
	Component Description:	WXII Prepare and /or review reimbursement Form 399 2 \$300.06
		<i>\$000.00</i>
Attorney Fees - Prepare and File request for Special Temporary Authorization	Component Description:	WXII Prepare and File request for Special Temporary Authorization 2
	Amount:	\$114.00
	Component Description:	WXII Prepare and File request for Special Temporary Authorization
	Amount:	\$1,726.40
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
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 Application	Component Description:	WXII Prepare and File FCC Form 2100, Construction
	Amount:	Permit Application \$809.60
	Component Description:	WXII Prepare and File FCC Form
		2100, Construction Permit Application 2
	Amount:	\$1,054.53

Other Expenses

Cost Information

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

	Predetermined	Entimeted	Estimated		Actual Cast
Description	Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$26,122.66	\$17,388.86		\$17,388.86	
DTV Medical Facility Notification	\$11,550.00	\$3,731.20	N/A	\$3,731.20	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$0.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	\$335.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$390.00	per receipts	\$390.00	N/A
Equipment Storage	\$6,000.00	\$6,000.00	antenna storage	\$6,000.00	N/A
Develop and air announcement of upcoming channel change	\$0.00	\$0.00	need BP quote	N/A	N/A
MVPD Notification of Channel Change	\$2,723.20	\$2,723.20	per invoice	\$2,723.20	N/A

Contract Labor	\$4,209.46	\$4,209.46	accounting labor directly related to the Spectrum Repack project	\$4,209.46	N/A
Sub-total	\$26,122.66	\$17,388.86	N/A	\$17,388.86	N/A
Total for all systems	\$4,095,182.53	\$3,137,897.97	N/A	\$3,051,536.73	N/A

Components

Actual Information Description	File Name	
DTV Medical Facility Notification	Component Description: Amount:	WXII medical notification \$3,731.20
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Component Description: Amount:	WTAE: License To Cover for DTV Application fee (main) \$335.00

Component Description:	WXII: Engineering STA Application fee 2
Amount:	\$200.00
Component Description:	WXII: Engineering STA Application fee 1
Amount:	\$190.00
Component Description:	WXII main
Amount:	antenna storage \$6,000.00
Information not provided.	
Component Description: Amount:	WXII MVPD notification \$2,723.20
Component Description:	WXII accounting labor
Amount:	\$4,209.46
	Amount: Component Description: Amount: Component Description: Amount: Information not provided. Component Description: Amount: Component Description: Amount:

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$4,095,182.53	\$3,137,897.97	\$3,051,536.73

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	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

Certification	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.	
		 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. 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).
- 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.

en is i wit rul an rec wh a p ob	tity certifies that it in full compliance th all statutes, es, regulations d governmental quirements for nich compliance is pre-requisite for taining the yments herein quested.	
an author	under penalty of perjury, that I am rized representative of the above- oplicant for the Authorization(s) above.	John Drain Hearst Television SVP Chief Financial Officer

Certification	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).	
		 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. 	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. 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).
- 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 above- named applicant for the Authorization(s) specified above.	Douglas Durkee Hearst Television Manager of Spectrum Repack
	04/02/2020

Attachments