



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **73107** | Service: **DTV** | Call **WITI** | Channel: **33 (UHF)** |  
ID: | Sign:  
File **0000028241**  
Number:  
FRN: **0005795067** | Date **02/18**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>WITI LICENSE, LLC</b> Doing Business As: WITI LICENSE, LLC	Bob Karlinsey 9001 N. GREEN BAY ROAD MILWAUKEE, WI 53209 United States	+1 (414) 355-6666	bkarlinsey@nexstar. tv	Limited Liability Company

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Bill Vanduyndhoven ,</b> <b>Vanduyndhov .</b> <i>Sr Director of Engineering</i> <i>RF Systems</i> <i>Nexstar Broadcasting Inc.</i>	Bill Vanduyndhoven 2211 Rabbit Hill Cir Dacula, GA 30019 United States	+1 (404) 312-8693	bvanduyndhoven@nexstar. tv

**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.	Yes
Briefly describe transition plan	Replace Main antenna with shared antenna Replace Aux antenna with shared antenna Replace transmitter

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	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?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	Paragon DCXP3
	Year	2004
	Type	Inductive Output Tube
	IOT Power Type	Three
	Power Capacity	75 kW

**Primary  
Transmitter**

**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-90
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	53 kW
	Justification for New Transmitter	WITI has no Standby transmitter. Replacement transmitter is more cost effective then re-tuneing existing with rental of a Interim tranmitter

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes

	Size	2 inches
	Length	200.0 feet
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Heating and Cooling
	Size	30 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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

**Primary Transmitter**      **Other Transmitter Cost Not Listed**

Name	Description
<b>Asbestos abatment</b>	Replace flooring in transmitter room
<b>Cooling Pads</b>	Exterior cooling pads with Ice shield
<b>Demo</b>	Remove old transmitter and repair damage after removal
<b>Space Modification</b>	Remove door and replace with larger door to be able to accommodate new equipment

**Antennas**

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

**Auxiliary  
Antenna****Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	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) .....	1000.0 kW

Manufacturer	
Model	TFU-24JSC /VP-R 4C160
Year	2001



## Auxiliary Antenna

### New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	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 Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	16
	Number of Panels/Bays	16
	Lower Limit	470.00 MHz
	Upper Limit	670.00 MHz
	Design power capacity in use	90.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	500.0 kW
	Manufacturer	
	Model	TFU-WB16

Year	2017
Justification for New Antenna	Current antenna will not support assigned channel Replacement will support 2 stations.

## Auxiliary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	6 1/8 inches inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Enter a list of RF channel numbers.**

RF Channel Number
40
33
30
31

**Auxiliary  
Antenna**

**Other Antenna Cost Not Listed**

Name	Description
RF Transformer	Special reducer from 75-50 ohm

## Primary Antenna

### 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?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	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) .....	1000.0 kW

Manufacturer	
Model	TFU-23ETT /VP-R 4C160
Year	2009

Primary  
Antenna

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?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Slot
	Number of Stations Supported	2
	Number of Panels/Bays	22
	Lower Limit	570.00 MHz
	Upper Limit	575.00 MHz
	Design power capacity in use	90.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	1700.0 kW
	Manufacturer	

Model	TFU-22ETT /VP-R 4C160
Year	2019
Justification for New Antenna	Current antenna will not work on assigned channel.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	7 3/16 inches inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Enter a list of RF channel numbers.**

RF Channel Number
31
30

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Name	Description
Combiner Install	Install for both station combiner by WITI



**Transmission Line**

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

**Auxiliary  
Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auliliary
	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
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1200 feet per run

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

Facility ID	Call Sign
73107	WITI
37104	WPXE-TV



**Auxiliary**      **New Transmission Line**  
**Transmission Line**      **Section**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1100 feet per run
	Justification for New Transmission Line	Current line will not support assigned channels

**Auxiliary**      **Other Transmission Line Expenses Not Listed**  
**Transmission Line**      **Information not provided.**

**Primary  
Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	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?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1362 feet per run

**Primary** **New Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1462 feet per run
	Justification for New Transmission Line	Current line will not support the channels assigned or the power required

**Primary** **Other Transmission Line Expenses Not Listed**  
**Transmission Line**

Information not provided.

**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)	Yes
	Others Types of Users	No
	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	1056835
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	43° 05' 26.0" N-
	Longitude (NAD83)	087° 53' 50.0" W-
	Overall Structure Height	1080.70 feet
	Support Structure Height	993.43 feet

	Ground Elevation Above Mean Sea Level (AMSL)	630.57 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	WITI License, LLC
	Date Constructed	03/29/1974

**FM, AM or TV radio  
broadcasters. Facility ID's,  
Call Signs and Services of  
other broadcast stations with  
whom the tower is shared**

Facility ID	Call Sign	Service
4285	WUWM	FM
42669	WYMS	FM
21010	WMWK	FM

## 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:	Minor Reinforcements needed

## Primary Tower

### Tower Rigging Costs

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	170
	Explanation	Project manager required to coordinate numerous vendors and Road closures with the city during tower work.
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	No
	For Auxiliary Facility	N/A

	For Main Facility	N/A
	Prepare and file Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	No
	Address transition timing and coordination issues w/ other stations and wireless providers	No
<b>RF Field Engineering Services</b>	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
Name		
Equipment Rental		Heavy equipment required during construction

Landscaping	Repair after rigging (Public Park)
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## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	Local Zoning	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
<b>Other Miscellaneous Expenses</b>	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	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
Road closure fees	Road Closure for Public Saftey
Security	Site security during construction
Repair of Landscape	Repair of Landscape destroyed by Tower work. Site is entrance to Public park and must be maintained

## 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
<b>Primary Transmitter ULXTE-90</b>	<b>\$2,051,485.61</b>	<b>\$1,560,745.61</b>		<b>\$1,326,912.80</b>	
2" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	N/A	\$2,000.00	N/A
Space Modification	<i>\$4,685.61</i>	\$4,685.61	N/A	\$4,685.61	N/A
Demo	<i>\$25,000.00</i>	\$25,000.00	N/A	\$14,485.00	N/A
30 Ton system	\$166,000.00	\$166,000.00	N/A	N/A	N/A
Cooling Pads	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Asbestos abatement	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$36,140.00	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,760.00	N/A	\$13,760.00	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,300,000.00	N/A	\$1,255,842.19	N/A
<b>Sub-total</b>	<b>\$2,051,485.61</b>	<b>\$1,560,745.61</b>	<b>N/A</b>	<b>\$1,326,912.80</b>	<b>N/A</b>

<b>Total for all systems</b>	\$4,054,473.61	\$2,007,337.21	N/A	\$1,389,563.58	N/A
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## Components

Actual Information Description	File Name
2" Rigid Conduit and Wiring (Cost per foot)	<b>Component Description:</b> electrical work <b>Amount:</b> \$2,000.00
Space Modification	<b>Component Description:</b> larger door to accommodate new equipment <b>Amount:</b> \$4,685.61
Demo	<b>Component Description:</b> demo <b>Amount:</b> \$6,900.00  <b>Component Description:</b> demo <b>Amount:</b> \$7,585.00
30 Ton system	Information not provided.
Cooling Pads	Information not provided.
Asbestos abatment	Information not provided.
Switchgear - industrial 800 amp	<b>Component Description:</b> electrical work <b>Amount:</b> \$31,140.00  <b>Component Description:</b> electrical work <b>Amount:</b> \$5,000.00



Service entrance 3 phase /800 amp/208 volt	<div> <b>Component Description:</b> electrical work </div> <div> <b>Amount:</b> \$13,760.00 </div>
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	<div> <b>Component Description:</b> 2nd payment for ULXTE-90 </div> <div> <b>Amount:</b> \$415,803.39 </div>
	<div> <b>Component Description:</b> 3rd payment for ULXTE-90 </div> <div> <b>Amount:</b> \$386,967.36 </div>
	<div> <b>Component Description:</b> 4th payment for ULXTE-90 </div> <div> <b>Amount:</b> \$31,118.01 </div>
	<div> <b>Component Description:</b> site survey </div> <div> <b>Amount:</b> \$6,150.04 </div>
	<div> <b>Component Description:</b> Deposit for ULXTE- 90 </div> <div> <b>Amount:</b> \$415,803.39 </div>

## 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
<b>Primary Antenna TFU-22ETT /VP-R 4C160</b>	<b>\$125,780.00</b>	<b>\$18,000.00</b>		<b>\$17,141.76</b>	
Combiner Install	<i>\$18,000.00</i>	\$18,000.00	N/A	\$17,141.76	N/A
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	\$16,850.00	\$0.00	WPXE	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$0.00	WPXE will purchase Combiner for both channels	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$0.00	WPXE	N/A	N/A
UHF - High Power Top Mount Two Station antenna elliptically or circularly polarized	<i>\$0.00</i>	\$0.00	WPXE will purchase the antenna	N/A	N/A
<b>Auxiliary Antenna TFU-WB16</b>	<b>\$104,630.00</b>	<b>\$80,000.00</b>		<b>\$0.00</b>	

RF Transformer	\$0.00	\$0.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$0.00	N/A	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$0.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 500 kW input, directional,, horizontally polarized	\$0.00	\$0.00	N/A	N/A	N/A
<b>Sub-total</b>	\$230,410.00	\$98,000.00	N/A	\$17,141.76	N/A
<b>Total for all systems</b>	\$4,054,473.61	\$2,007,337.21	N/A	\$1,389,563.58	N/A

## Components

Actual Information	
Description	File Name
Combiner Install	<p><b>Component Description:</b> combiner install</p> <p><b>Amount:</b> \$17,141.76</p>

Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	Information not provided.
New combiner, cost per channel (without antenna)	Information not provided.
Sweep test of existing antenna	Information not provided.
UHF - High Power Top Mount Two Station antenna elliptically or circularly polarized	Information not provided.
RF Transformer	Information not provided.
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
New combiner, cost per channel (without antenna)	Information not provided.
Sweep test of existing antenna	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 500 kW input, directional,, horizontally polarized	Information not provided.

Cost  
Information

Transmission Line

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 Transmission Line	\$583,338.00	\$2,091.60		\$2,091.60	
Rigid Transmission Line - copper, 8 3/16" broadband	\$583,338.00	\$2,091.60	WPXE will provide shared antenna, we did need some cut pieces and a tuner piece.	\$2,091.60	N/A
Auxiliary Transmission Line	\$366,300.00	\$0.00		\$0.00	
Rigid Transmission Line - copper, 7 3/16" broadband	\$366,300.00	\$0.00	N/A	N/A	N/A
Sub-total	\$949,638.00	\$2,091.60	N/A	\$2,091.60	N/A
Total for all systems	\$4,054,473.61	\$2,007,337.21	N/A	\$1,389,563.58	N/A

Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 8 3/16" broadband	Component Description: cut pieces Amount: \$2,091.60

Rigid Transmission Line - copper, 7 3/16" broadband	Information not provided.
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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	\$591,600.00	\$129,500.00		\$17,500.00	
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$100,000.00	N/A	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$17,500.00	WPXE will install shared antenna, we are splitting the cost of taking the standby antennas.	\$17,500.00	N/A
Sub-total	\$591,600.00	\$129,500.00	N/A	\$17,500.00	N/A
Total for all systems	\$4,054,473.61	\$2,007,337.21	N/A	\$1,389,563.58	N/A

Components

Actual Information	
Description	File Name
Structural engineering tower load study for well documented tower	Information not provided.

Minor tower reinforcement /modifications	Information not provided.	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<b>Component Description:</b>  <b>Amount:</b>	our portion of taking the standby antennas down \$17,500.00



## 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 Cost Justification
<b>Outside Professional Services</b>	<b>\$87,790.00</b>	<b>\$74,000.00</b>		<b>\$21,547.51</b>	
Equipment Rental	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A
Project management of the transition	\$26,860.00	\$16,000.00	N/A	\$11,756.25	N/A
Landscaping	<i>\$10,000.00</i>	\$10,000.00	Repair of Landscape destroyed by Tower work. Site is entrance to Public park and must be maintained	\$9,791.26	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$87,790.00	\$74,000.00	N/A	\$21,547.51	N/A
<b>Total for all systems</b>	\$4,054,473.61	\$2,007,337.21	N/A	\$1,389,563.58	N/A

## Components

Actual Information	
Description	File Name
Equipment Rental	Information not provided.
RF Exposure Measurements	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Project management of the transition	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Project Management  \$3,586.25 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Project Management  \$1,733.75 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Project Management  \$2,375.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Project Management  \$1,401.25 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Project Management  \$2,992.50 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Project Management  \$3,253.75 </div> </div>
Landscaping	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> landscaping and repairs  \$9,791.26 </div> </div>

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Perform engineering study for new channel assignment and antenna development	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
<b>Other Expenses</b>	<b>\$143,550.00</b>	<b>\$143,000.00</b>		<b>\$4,369.91</b>	
Road closure fees	<i>\$12,000.00</i>	\$12,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Equipment Storage	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$25,000.00</i>	\$25,000.00	N/A	\$619.91	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Local Zoning	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,750.00	N/A

Repair of Landscape	\$0.00	\$0.00	N/A	N/A	N/A
Security	\$35,000.00	\$35,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$143,550.00	\$143,000.00	N/A	\$4,369.91	N/A
<b>Total for all systems</b>	\$4,054,473.61	\$2,007,337.21	N/A	\$1,389,563.58	N/A

## Components

Actual Information	
Description	File Name
Road closure fees	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
Equipment Delivery and Handling Charges	<b>Component Description:</b> freight charges <b>Amount:</b> \$619.91
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
Local Zoning	Information not provided.
DTV Medical Facility Notification	<b>Component Description:</b> medical testing <b>Amount:</b> \$3,750.00
Repair of Landscape	Information not provided.
Security	Information not provided.

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$4,054,473.61	\$2,007,337.21	\$1,389,563.58

Reimbursement Status	Question	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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>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.</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	



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 above-named applicant for the Authorization(s) specified above.

**Teri Ann  
Guillory**  
*Broadcasting  
Operations*

02/18/2020

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Teri Ann Guillory</b>  <i>Broadcasting Operations</i></p> <p>02/18/2020</p>

## Attachments