



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **10212** | Service: **DTV** | Call **WOTV** | Channel: **17 (UHF)** |  
ID: | Sign:  
File **0000028747**  
Number:  
FRN: **0009961889** | Date **09/19**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>NEXSTAR BROADCASTING, INC.</b>	Elizabeth Ryder 545 E. John Carpenter Freeway Suite 700 Irving, TX 75062 United States	+1 (972) 373-8800	eryder@nexstar.tv	Corporation

## 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>Elizabeth Ryder</b> <i>General Counsel</i> <i>Nexstar Broadcasting, Inc.</i>	Elizabeth Ryder 545 E. John Carpenter Freeway Suite 700 Irving, TX 75062 United States	+1 (972) 373-8800	eryder@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.	No
Briefly describe transition plan	Replace transmitter and antenna using existing line. Acquire interim antenna and line for continued operation during construction and duration of the assigned phase. Map and analyze tower; design and implement modifications if required. See attached.

**Transmitters**

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

**Auxiliary  
Transmitter****Add Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	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	Magnum
	Year	2006
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	2.5 kW

**Auxiliary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	TBD
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	2.5 kW
	Justification for New Transmitter	The manufacturer of the existing solid state transmitter advises that the transmitter cannot be re-tuned to the assigned channel. See attachment.

**Auxiliary  
Transmitter**

**Other Transmitter Costs**

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

	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Labor and materials to disconnect existing transmitter and hookup new transmitter
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	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

**Auxiliary Transmitter** **Other Transmitter Cost Not Listed**  
Information not provided.

**Primary  
Transmitter**

**Existing Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<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	DCX-2H
	Year	2005
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	32 kW

**Primary Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	HPTV- PRLXU16
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	27.5 kW
	Justification for New Transmitter	The manufacturer of the existing IOT transmitter advises that the transmitter cannot be re-tuned to the assigned channel. We will upgrade to a SS transmitter with a one step up in power.

**Primary Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes

	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	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**

<b>Name</b>	<b>Description</b>
<b>Transmitter Air Conditioning System Replacement</b>	Current Air Conditioning System will not handle the requirements of the new Transmitter to keep it from overheating.
<b>Voltage Regulator and Power Conditioner</b>	New Transmitter requires a new voltage regulator due to change in power requirements.
<b>Additional Interior RF System</b>	Interior RF System Existing Transmitter to Interim Transmission line





**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	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?	No
	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	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	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) .....	255.0 kW

Manufacturer	
Model	TFU- 24GTH-R 04
Year	2005

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**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
<b>New Antenna Manufacturer and Types</b>	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/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) .....	270.0 kW
	Manufacturer	
	Model	TFU-26GTH /VP-R 04

Year	2018
Justification for New Antenna	The existing primary antenna is a single channel slotted coaxial which cannot accommodate the 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?	No
	Type	
	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
<b>Elbow Complex</b>	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
<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
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**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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)	255.0 kW
	Manufacturer	
	Model	TFU-16WB C160
Year	2018	



Justification for New Antenna	An interim antenna is necessary to keep station on the air during primary antenna replacement and for the duration of the assigned phase.
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**Interim Antenna**

**Other Antenna Costs**

Section	Question	Response
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	4 1/16 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Interim Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

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

**Primary Transmission Line**  
**Existing Transmission 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?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	950 feet per run

**Primary  
Transmission  
Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
<b>Sweep Tests</b>	Sweep line to determine acceptability on assign channel
<b>Tranmission line pieces</b>	Transmission line pieces

**Interim  
Transmission  
Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	4 1/16 inches
	Segment Length	20'
	Other Segment Length	
	Number of parallel runs	1
	Length	850 feet per run

Justification for New Transmission Line

An interim transmission line is necessary for the interim antenna to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition.

**Interim**      **Other Transmission Line Expenses Not Listed**  
**Transmission** information not provided.  
**Line**

**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?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	42° 34' 15.0" N-
	Longitude (NAD83)	085° 28' 07.0" W-
	Overall Structure Height	967.51 feet
	Support Structure Height	907.47 feet
	Ground Elevation Above Mean Sea Level (AMSL)	987.52 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Nexstar Broadcasting, Inc.
Date Constructed	08/01/1996

**Primary Tower**

**Tower Modification Costs**

Section	Question	Response
<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Major Reinforcements needed

**Primary Tower**

**Tower Rigging Costs**

Section	Question	Response
<b>Tower Rigging Costs</b>	Complex Tower	N/A
<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
<p><b>Outside Project Management Services</b></p>	<p>Do you require outside project management services?</p>	<p>Yes</p>
	<p>Number of Hours</p>	<p>283</p>
	<p>Explanation</p>	<p>Schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects. Internal accounting and Project management.</p>
<p><b>Outside RF consulting Engineering Services</b></p>	<p>Perform engineering study for new channel assignment and antenna development</p>	<p>Yes</p>
	<p>Prepare engineering section of Form FCC Construction Permit Application</p>	<p>Yes</p>
	<p>For Auxiliary Facility</p>	<p>No</p>
	<p>For Main Facility</p>	<p>Yes</p>
	<p>Prepare engineering section of Form FCC License to Cover Application</p>	<p>Yes</p>
	<p>For Auxiliary Facility</p>	<p>No</p>
	<p>For Main Facility</p>	<p>Yes</p>

	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	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	Yes
	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	1
	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	
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No



RF exposure measurements	No
Additional Field Engineering Service	Yes
Number of Days	17
Justification	It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services.

**Outside Professional Services Costs**      **Other Professional Services Expenses Not Listed**  
Information not provided.

**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	No
	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**

<b>Name</b>	<b>Description</b>
Sales and Use Tax	Sales and Use Tax

**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 HPTV-PRLXU16</b>	<b>\$1,207,900.00</b>	<b>\$796,724.00</b>		<b>\$301,300.50</b>	
Voltage Regulator and Power Conditioner	<i>\$32,000.00</i>	\$32,000.00	See Staco Energy quote QUO-35196-OEMHJ4-4	\$31,663.50	N/A
Transmitter Air Conditioning System Replacement	<i>\$19,950.00</i>	\$19,950.00	See Seaman's Mechanical proposal 20684.	\$0.00	N/A
Additional Interior RF System	<i>\$140,000.00</i>	\$140,000.00	N/A	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$539,274.00	We are using the catalog cost for the transmitter which is much less than a non-upgraded 2 tube IOT replacement would have cost. See attached Comark quotes. Actual transmitter is Hitachi HPTV-PRLX-U16. See Hitachi quote attached.	\$269,637.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	N/A	N/A
<b>Auxiliary Transmitter TBD</b>	<b>\$146,000.00</b>	<b>\$140,000.00</b>		<b>\$0.00</b>	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$120,000.00	N/A	N/A	N/A

Other Electrical Service: Labor and materials to disconnect existing transmitter and hookup new transmitter	\$20,000.00	\$20,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$1,353,900.00	\$936,724.00	N/A	\$301,300.50	N/A
<b>Total for all systems</b>	\$2,990,399.00	\$2,204,583.60	N/A	\$986,320.47	N/A

### Components

Actual Information	
Description	File Name
Voltage Regulator and Power Conditioner	<p><b>Component Description:</b> Voltage regulator and power conditioner; see also freight</p> <p><b>Amount:</b> \$31,663.50</p>
Transmitter Air Conditioning System Replacement	Information not provided.
Additional Interior RF System	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<p><b>Component Description:</b> Transmitter, installment #1, item 2 from invoice</p> <p><b>Amount:</b> \$6,216.00</p> <p><b>Component Description:</b> Transmitter, installment #1, item 1 from invoice</p> <p><b>Amount:</b> \$263,421.00</p>

Switchgear - industrial 800 amp	Information not provided.
Transformer 3 phase/480v - 150 KVA	Information not provided.
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Information not provided.
Other Electrical Service: Labor and materials to disconnect existing transmitter and hookup new transmitter	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
<b>Interim Antenna TFU-16WB C160</b>	<b>\$234,210.00</b>	<b>\$144,425.00</b>		<b>\$101,925.00</b>	
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$101,925.00	See Dielectric quote 700433CMZ-2.	\$101,925.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$9,100.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A



Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
<b>Primary Antenna TFU-26GTH /VP-R 04</b>	<b>\$308,530.00</b>	<b>\$215,635.00</b>		<b>\$188,311.50</b>	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$198,525.00	Antenna cost \$227,175 less vpol (\$28,650) which is not reimbursable. See Dielectric quote DMS144-5.	\$178,672.50	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,710.00	See Dielectric quote DMS144-5.	\$9,639.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$542,740.00</b>	<b>\$360,060.00</b>	N/A	<b>\$290,236.50</b>	N/A
<b>Total for all systems</b>	<b>\$2,990,399.00</b>	<b>\$2,204,583.60</b>	N/A	<b>\$986,320.47</b>	N/A

## Components

Actual Information	
Description	File Name
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	<b>Component Description:</b> Interim antenna, installment #3 <b>Amount:</b> \$10,192.50
	<b>Component Description:</b> Interim antenna, installment #1, line 1 of invoice <b>Amount:</b> \$45,866.25
	<b>Component Description:</b> Interim antenna, installment #2, line 1 of invoice <b>Amount:</b> \$45,866.25
Sweep test of existing antenna	Information not provided.
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.

<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<p><b>Component Description:</b> Antenna, installment #2, line 1 of invoice  <b>Amount:</b> \$89,336.25</p>
<p></p>	<p><b>Component Description:</b> Antenna, installment #1, line 1 of invoice  <b>Amount:</b> \$89,336.25</p>
<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<p><b>Component Description:</b> Elbow complex, installment #2, line 3 of invoice  <b>Amount:</b> \$4,819.50</p>
<p></p>	<p><b>Component Description:</b> Elbow complex, installment #1, line 3 of invoice  <b>Amount:</b> \$4,819.50</p>
<p>Sweep test of existing antenna</p>	<p>Information not provided.</p>

**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
<b>Interim Transmission Line</b>	<b>\$120,700.00</b>	<b>\$87,533.60</b>		<b>\$87,533.60</b>	
Rigid Transmission Line - copper, 4 1/16"	\$120,700.00	\$87,533.60	See Dielectric quote 700433CMZ-2.	\$87,533.60	N/A
<b>Primary Transmission Line</b>	<b>\$14,575.00</b>	<b>\$14,575.00</b>		<b>\$7,357.50</b>	
Transmission line pieces	<i>\$8,175.00</i>	\$8,175.00	See Dielectric quote DMS144-5, items 3 through 6	\$7,357.50	N/A
Sweep Tests	<i>\$6,400.00</i>	\$6,400.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$135,275.00</b>	<b>\$102,108.60</b>	N/A	<b>\$94,891.10</b>	N/A
<b>Total for all systems</b>	<b>\$2,990,399.00</b>	<b>\$2,204,583.60</b>	N/A	<b>\$986,320.47</b>	N/A

**Components**

Actual Information	
Description	File Name

<p>Rigid Transmission Line - copper, 4 1/16"</p>	<p><b>Component Description:</b> Transmission line, installment #3</p> <p><b>Amount:</b> \$8,753.36</p> <p><b>Component Description:</b> Transmission line, installment #1, line 2 of invoice</p> <p><b>Amount:</b> \$39,390.12</p> <p><b>Component Description:</b> Transmission line, installment #2, line 2 of invoice</p> <p><b>Amount:</b> \$39,390.12</p>
<p>Tranmission line pieces</p>	<p><b>Component Description:</b> Transmission line, installment #2, lines 4-7 of invoice</p> <p><b>Amount:</b> \$3,678.75</p> <p><b>Component Description:</b> Transmission line, installment #1, lines 4-7 of invoice</p> <p><b>Amount:</b> \$3,678.75</p>
<p>Sweep Tests</p>	<p>Information not provided.</p>

**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
<b>Primary Tower TOWER</b>	<b>\$657,800.00</b>	<b>\$509,991.00</b>		<b>\$224,747.00</b>	
Tall Tower (greater than 500')	\$210,500.00	\$425,546.00	See Coast to Coast quote 05241901T	\$188,941.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$59,445.00	See Coast to Coast quote 06101901T and deposit agreement	\$27,306.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	\$8,500.00	N/A
<b>Sub-total</b>	<b>\$657,800.00</b>	<b>\$509,991.00</b>	N/A	<b>\$224,747.00</b>	N/A
<b>Total for all systems</b>	<b>\$2,990,399.00</b>	<b>\$2,204,583.60</b>	N/A	<b>\$986,320.47</b>	N/A

**Components**

Actual Information Description	File Name
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<p>Tall Tower (greater than 500')</p>	<p><b>Component Description:</b> Antenna installation, installment #1</p> <p><b>Amount:</b> \$148,941.00</p> <p><b>Component Description:</b> Antenna installation, installment #2</p> <p><b>Amount:</b> \$40,000.00</p>
<p>Major tower reinforcement /modifications</p>	<p><b>Component Description:</b> Tower modification services, installment #1</p> <p><b>Amount:</b> \$17,306.00</p> <p><b>Component Description:</b> Deposit as agreed per Nexstar Commitment Letter and Coast to Coast Tower Service</p> <p><b>Amount:</b> \$10,000.00</p>
<p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p>	<p><b>Component Description:</b> Structural analysis</p> <p><b>Amount:</b> \$2,500.00</p> <p><b>Component Description:</b> Perform structural analysis and prepare engineering report.</p> <p><b>Amount:</b> \$6,000.00</p>

**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>\$113,634.00</b>	<b>\$109,200.00</b>		<b>\$19,632.00</b>	
Project management of the transition	\$44,714.00	\$42,450.00	N/A	\$7,132.00	N/A
Additional Field Engineering Service, 17 Days	<i>\$34,000.00</i>	\$34,000.00	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
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	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	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$3,000.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$7,000.00	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	\$2,500.00	N/A
<b>Sub-total</b>	\$113,634.00	\$109,200.00	N/A	\$19,632.00	N/A
<b>Total for all systems</b>	\$2,990,399.00	\$2,204,583.60	N/A	\$986,320.47	N/A

## Components

Actual Information		
Description	File Name	
Project management of the transition	<b>Component Description:</b>	Project management services April 2019
	<b>Amount:</b>	\$45.50
	<b>Component Description:</b>	Project management services 2.1.19 through 3.1.19
	<b>Amount:</b>	\$225.00
	<b>Component Description:</b>	399 Invoice prep and submission services Mar 2019
	<b>Amount:</b>	\$260.00

**Component Description:** Project management services 6.1.19 through 6.28.19  
**Amount:** \$75.00

**Component Description:** 399 invoice prep and submission services Feb 2019  
**Amount:** \$123.50

**Component Description:** Project management services 3.30.19 to 4.26.19  
**Amount:** \$150.00

**Component Description:** Project management services March 2019  
**Amount:** \$75.00

**Component Description:** Project management services 6.29.19 through 7.26.19  
**Amount:** \$229.00

**Component Description:** Project management services, item 1 from invoice summary  
**Amount:** \$1,575.00

**Component Description:** Prepare Schedule 387, item 7 from invoice summary  
**Amount:** \$150.00

**Component Description:** Project Management for Structural Analysis and Tower Modifications. Services from January 1, 2018 through January 26, 2018.

**Amount:** \$75.00

**Component Description:** Project management services 7.28.18 through 9.28.18

**Amount:** \$225.00

**Component Description:** Project management services 5/26/18 through 6/29/18

**Amount:** \$300.00

**Component Description:** Project management services 9.29.18 through 10.26.18

**Amount:** \$300.00

**Component Description:** Project management services, item 8 from invoice summary

**Amount:** \$1,299.00

**Component Description:** Project management services 3.2.19 through 3.29.19

**Amount:** \$675.00

**Component Description:** Prepare FCC  
Schedule 387, item  
6 from invoice  
summary  
**Amount:** \$150.00

**Component Description:** Project  
management  
services 10.27.18  
through 12.31.18  
**Amount:** \$375.00

**Component Description:** Project  
Management for  
Structural Analysis  
and Tower  
Modifications.  
Services from  
October 27, 2017  
through December  
31, 2017.  
**Amount:** \$450.00

**Component Description:** Project  
management  
services 1.1.19  
through 1.31.19  
**Amount:** \$300.00

**Component Description:** Prepare FCC  
Schedule 387, item  
5 from invoice  
summary  
**Amount:** \$300.00

Additional Field  
Engineering Service, 17  
Days

Information not provided.

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	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	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<p><b>Component Description:</b> Prepare engineering section of Form 2100, item 4 from invoice summary</p> <p><b>Amount:</b> \$3,000.00</p>
Perform engineering study for new channel assignment and antenna development	<p><b>Component Description:</b> Perform engineering study for new channel assignment, item 3 from invoice summary</p> <p><b>Amount:</b> \$7,000.00</p>

Address transition timing and coordination issues w/ other stations and wireless	Information not provided.				
Prepare and or review reimbursement form	<table><tr><td data-bbox="708 331 1015 365"><b>Component Description:</b></td><td data-bbox="1147 331 1350 483">Prepare reimbursement form, line 2 from invoice summary</td></tr><tr><td data-bbox="708 495 820 528"><b>Amount:</b></td><td data-bbox="1147 495 1270 528">\$2,500.00</td></tr></table>	<b>Component Description:</b>	Prepare reimbursement form, line 2 from invoice summary	<b>Amount:</b>	\$2,500.00
<b>Component Description:</b>	Prepare reimbursement form, line 2 from invoice summary				
<b>Amount:</b>	\$2,500.00				

**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>\$187,050.00</b>	<b>\$186,500.00</b>		<b>\$55,513.37</b>	
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$35,000.00</i>	\$35,000.00	See USA Commercial estimate 42	\$35,000.00	N/A
Sales and Use Tax	<i>\$60,000.00</i>	\$60,000.00	Estimates sales and use tax on equipment purchases	\$16,178.22	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$3,500.00</i>	\$3,500.00	N/A	N/A	N/A
Equipment Storage	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$25,000.00</i>	\$25,000.00	N/A	\$421.55	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,913.60	N/A
Non-zoning permits	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A



<b>Sub-total</b>	\$187,050.00	\$186,500.00	N/A	\$55,513.37	N/A
<b>Total for all systems</b>	\$2,990,399.00	\$2,204,583.60	N/A	\$986,320.47	N/A

## Components

<b>Actual Information Description</b>	<b>File Name</b>
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>Component Description:</b> Disposal costs <b>Amount:</b> \$35,000.00
Sales and Use Tax	<b>Component Description:</b> Transmitter, installment #1, tax on equipment <b>Amount:</b> \$16,178.22
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> Shipping costs for voltage regulator <b>Amount:</b> \$421.55
DTV Medical Facility Notification	<b>Component Description:</b> Notification of medical facilities <b>Amount:</b> \$3,913.60
Non-zoning permits	Information not provided.

**Cost Information** **Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$2,990,399.00	\$2,204,583.60	\$986,320.47

**Reimbursement Status**

<b>Question</b>	<b>Response</b>
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
	<b>Submission of Estimated Expenses Statements</b>	<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.

**Elizabeth  
Ryder**  
*General  
Counsel*

09/19/2019

Certification	Section	Question	Response
	<b>Submission of Actual Cost Documentation Statements</b>	<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.

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.

**Elizabeth  
Ryder**  
*General  
Counsel*

09/19/2019

## Attachments