



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **25045** | Service: **DTV** | Call **WDVM-TV** | Channel: **23 (UHF)** |  
ID: | Sign:  
File **0000028762**  
Number:  
FRN: **0009961889** | Date **10/18**  
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,</i> <i>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 main transmitter, main antenna and main transmission 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.

**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	DCX Millennium 8 VSB
	Year	2007
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	23 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	THU9EVO-30
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	31 kW
	Justification for New Transmitter	The manufacturer of the existing IOT transmitter advises that the transmitter cannot be re-tuned to the assigned channel. A new Comark Paragon MSDC IOT transmitter is the basis for the cost reimbursement. We will purchase a SS "one step up" power level.

**Primary  
Transmitter**

**Other Transmitter Costs**

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

	Transformer (480V)	Yes
	Power	300 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**

Name	Description
<b>Additional Interior RF System</b>	Interior RF System Existing Transmitter to Interim Transmission line
<b>Concrete Pad, Ice Shield and Fence Installation</b>	Concrete Pad for Transmitter Ancillary Equipment and Ice Shield
<b>Back up Transmitter</b>	Back up Transmitter to cover period while new transmitter is being installed

<b>Rhode and Schwarz Electrical Services</b>	Provide and install Panels and feeders, branch circuits, switches, cable tray, transfer switch, complete electrical demo.
<b>Transmitter Surge Suppressor System</b>	Rhode and Schwarz New Transmitter needs Surge Suppression

**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?	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	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) .....	575.0 kW



Manufacturer	
Model	TFU-26JTH- R 4C130
Year	2008

## 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?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	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	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) .....	800.0 kW
	Manufacturer	
	Model	TFU-25JTH /VP-R 4C130

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
<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?	Yes
	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) .....	575.0 kW
	Manufacturer	
	Model	TFU-16WB- R 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. Station will attempt to rent if renting is available at time of acquisition.
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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	6 1/8 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?	Yes



**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	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	530 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	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	530 feet per run
	Justification for New Transmission Line	See attached 2008 Order Confirmation demonstrating that the WDVW, previously WHAG, facility had 19.5 ft sections of 6-1/8" line that cannot be repurposed for the assigned post-transition channel.

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

Information not provided.

**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	Flexible Air
	Diameter	5 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	360 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.

**Interim**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

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	Leased
	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?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1036848
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	39° 39' 45.0" N-
	Longitude (NAD83)	077° 57' 53.0" W-
	Overall Structure Height	459.97 feet
	Support Structure Height	405.83 feet

Ground Elevation Above Mean Sea Level (AMSL)	1408.78 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	American Towers, LLC
Date Constructed	02/10/2006

### Other Types of Users

#### Users

WDVM microwave

WCRH microwave

### Primary Tower

#### Tower Modification Costs

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

### Primary Tower

#### Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Terrain constrained

<b>Helicopter Services Required</b>	Are helicopter services required?	Yes
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**Primary  
Tower**

**Other Tower Expenses Not Listed**

<b>Name</b>	<b>Description</b>
<b>Additional Antenna Rigging Costs</b>	Due to remote site location additional rigging costs are incurred
<b>American Tower Rent and Misc. Costs</b>	American Tower Corporation rent for interim antenna and line and ATC Project Management.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	750
	Explanation	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.
<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	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	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	20
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**

Services 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**

Name	Description
Sales Tax	Sales and use tax on goods and services
Transmitter Road Upgrades	Transmitter road upgrades to facilitate new equipment delivery.

## 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 THU9EVO-30</b>	<b>\$1,379,750.00</b>	<b>\$1,254,605.00</b>		<b>\$858,805.00</b>	
Transmitter Surge Suppressor System	<i>\$19,200.00</i>	\$19,200.00	N/A	N/A	N/A
Back up Transmitter	<i>\$69,500.00</i>	\$69,500.00	Vendor could not get primary transmitter installed in time to meet phase 4 deadline; back up transmitter was purchased to continue transmission until installation was complete; see quote from Microwave Rental LLC	\$34,750.00	N/A
Concrete Pad, Ice Shield and Fence Installation	<i>\$73,000.00</i>	\$73,000.00	N/A	N/A	N/A
Additional Interior RF System	<i>\$140,000.00</i>	\$140,000.00	N/A	N/A	N/A

3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$824,055.00	See attached Comark Quote; cost revised from 702,370 to 824,055; see Rohde & Schwarz quote 126522.1 attached; upgrade cost from THU9evo-20 to THU9evo- 30 will not be requested for reimbursement	\$824,055.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$37,150.00	N/A	N/A	N/A
Rhode and Schwarz Electrical Services	<b>\$50,850.00</b>	\$50,850.00	See R&S proposal 192497.0	\$0.00	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,850.00	N/A	N/A	N/A
<b>Sub-total</b>	\$1,379,750.00	\$1,254,605.00	N/A	\$858,805.00	N/A
<b>Total for all systems</b>	\$3,610,026.00	\$3,084,534.59	N/A	\$1,616,382.30	N/A

## Components

Actual Information Description	File Name
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Transmitter Surge Suppressor System	Information not provided.	
Back up Transmitter	<b>Component Description:</b>  <b>Amount:</b>	Back up transmitter, installment #1 \$34,750.00
Concrete Pad, Ice Shield and Fence Installation	Information not provided.	
Additional Interior RF System	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<b>Component Description:</b>  <b>Amount:</b>	Transmitter system, installment #2 less upgrade cost \$412,027.50
	<b>Component Description:</b>  <b>Amount:</b>	Transmitter system, installment #3 less upgrade cost \$206,013.75
	<b>Component Description:</b>  <b>Amount:</b>	Transmitter system, installment #1 less upgrade cost \$206,013.75
Switchgear - industrial 800 amp	Information not provided.	
Rhode and Schwarz Electrical Services	<b>Component Description:</b>  <b>Amount:</b>	Transmitter electrical service \$50,850.00

Transformer 3 phase/480v - 300 KVA	Information not provided.
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## 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-R C160</b>	<b>\$149,365.00</b>	<b>\$146,443.00</b>		<b>\$118,623.00</b>	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,298.00	See attached Dielectric Quote (Quote No. 700426CMZ-2)	\$10,298.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,550.00	N/A	\$6,400.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,120.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,550.00	N/A	N/A	N/A



UHF - High Power, Side Mount, basic slot antenna, 575 kW input, directional,, horizontally polarized	<b>\$101,925.00</b>	\$101,925.00	See attached Dielectric Quote (Quote No. 700426CMZ-2)	\$101,925.00	N/A
<b>Primary Antenna TFU-25JTH /VP-R 4C130</b>	<b>\$308,530.00</b>	<b>\$195,918.00</b>		<b>\$176,985.70</b>	
Sweep test of existing antenna	\$6,730.00	\$6,595.00	See Greg Best invoice and Jeremy Ruck quote 190801-1	\$6,595.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,298.00	See attached Dielectric Quote (Quote No. DMS130-3)	\$9,268.20	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$179,025.00	See attached Dielectric Quote (Quote No. DMS130-3), less cost of Vpol \$20,265 which is not reimbursable	\$161,122.50	N/A
<b>Sub-total</b>	<b>\$457,895.00</b>	<b>\$342,361.00</b>	N/A	<b>\$295,608.70</b>	N/A
<b>Total for all systems</b>	<b>\$3,610,026.00</b>	<b>\$3,084,534.59</b>	N/A	<b>\$1,616,382.30</b>	N/A

## Components

Actual Information		
Description	File Name	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<b>Component Description:</b>	Elbow complex, installment #3, 10% balance due
	<b>Amount:</b>	\$1,029.80
	<b>Component Description:</b>	Elbow complex, line 23 of invoice, installment #1
	<b>Amount:</b>	\$4,634.10
	<b>Component Description:</b>	Elbow complex, installment #2, line 23 of invoice
	<b>Amount:</b>	\$4,634.10
Sweep test of existing antenna	<b>Component Description:</b>	Interim antenna sweep test
	<b>Amount:</b>	\$6,400.00
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	

UHF - High Power, Side Mount, basic slot antenna, 575 kW input, directional,, horizontally polarized	<div> <div>Component Description:</div> <div>Aux antenna, installment #3, 10% balance due</div> </div> <div> <div>Amount:</div> <div>\$10,192.50</div> </div>
	<div> <div>Component Description:</div> <div>Aux antenna, line 1 of invoice, installment #1</div> </div> <div> <div>Amount:</div> <div>\$45,866.25</div> </div>
	<div> <div>Component Description:</div> <div>Aux antenna, installment #2, line 1 of invoice</div> </div> <div> <div>Amount:</div> <div>\$45,866.25</div> </div>
Sweep test of existing antenna	<div> <div>Component Description:</div> <div>Main antenna sweep test</div> </div> <div> <div>Amount:</div> <div>\$6,400.00</div> </div>
	<div> <div>Component Description:</div> <div>Transmission line study</div> </div> <div> <div>Amount:</div> <div>\$195.00</div> </div>
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<div> <div>Component Description:</div> <div>Elbow complex, line 3 of invoice, installment #1</div> </div> <div> <div>Amount:</div> <div>\$4,634.10</div> </div>
	<div> <div>Component Description:</div> <div>Elbow complex, installment #2, line 3 of invoice</div> </div> <div> <div>Amount:</div> <div>\$4,634.10</div> </div>

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<b>Component Description:</b>		Primary antenna,
			line 1 of invoice,
	<b>Amount:</b>		installment #1
			\$80,561.25
	<b>Component Description:</b>		Main antenna,
			installment #2, line
	<b>Amount:</b>		1 of invoice
			\$80,561.25

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
Interim Transmission Line	\$37,800.00	\$31,203.89		\$31,203.89	
Flexible Air Transmission Line - dielectric, 5"	\$37,800.00	\$31,203.89	See attached Dielectric Quote (Quote No. 700426CMZ- 2)	\$31,203.89	N/A
Primary Transmission Line	\$107,060.00	\$76,923.70		\$69,231.34	
Rigid Transmission Line - copper, 6 1/8"	\$107,060.00	\$76,923.70	See attached Dielectric Quote (Quote No. DMS130-3)	\$69,231.34	N/A
Sub-total	\$144,860.00	\$108,127.59	N/A	\$100,435.23	N/A
Total for all systems	\$3,610,026.00	\$3,084,534.59	N/A	\$1,616,382.30	N/A

Components

Actual Information	
Description	File Name

Flexible Air Transmission Line - dielectric, 5"	<div> <b>Component Description:</b> Flexible transmission line, installment #2, line 3 of invoice </div> <div> <b>Amount:</b> \$14,041.75 </div>
	<div> <b>Component Description:</b> Flexible transmission line, installment #3, 10% balance due </div> <div> <b>Amount:</b> \$3,120.39 </div>
	<div> <b>Component Description:</b> Flexible transmission line, line 3 of invoice, installment #1 </div> <div> <b>Amount:</b> \$14,041.75 </div>
Rigid Transmission Line - copper, 6 1/8"	<div> <b>Component Description:</b> Transmission line, installment #2, line 4 of invoice </div> <div> <b>Amount:</b> \$34,615.67 </div>
	<div> <b>Component Description:</b> Rigid transmission line, line 4 of invoice, installment #1 </div> <div> <b>Amount:</b> \$34,615.67 </div>

## 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>\$1,048,551.00</b>	<b>\$805,401.00</b>		<b>\$220,650.00</b>	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$184,575.00	See United States Tower quote 110718RO-01 for interim installation.	\$184,575.00	N/A
Additional Antenna Rigging Costs	<i>\$9,000.00</i>	\$9,000.00	N/A	N/A	N/A
American Tower Rent and Misc. Costs	<i>\$60,780.00</i>	\$60,780.00	See attached American Tower Corporation Quote	\$5,000.00	N/A
Tower Helicopter Lift	<i>\$110,471.00</i>	\$110,471.00	See attached quote.	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$31,075.00	See ATC PO requests	\$31,075.00	N/A

Major tower reinforcement /modifications	\$421,000.00	\$409,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$1,048,551.00	\$805,401.00	N/A	\$220,650.00	N/A
<b>Total for all systems</b>	\$3,610,026.00	\$3,084,534.59	N/A	\$1,616,382.30	N/A

## Components

Actual Information	
Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<b>Component Description:</b> Antenna installation, installment #1 <b>Amount:</b> \$63,484.67
	<b>Component Description:</b> Antenna installation, installment #3 <b>Amount:</b> \$58,702.35
	<b>Component Description:</b> Antenna installation, installment #2 <b>Amount:</b> \$62,387.98
Additional Antenna Rigging Costs	Information not provided.
American Tower Rent and Misc. Costs	<b>Component Description:</b> Tower coordination costs <b>Amount:</b> \$5,000.00
Tower Helicopter Lift	Information not provided.



Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Structural analysis  \$10,475.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Tower mapping  \$20,600.00 </div> </div>
Major tower reinforcement /modifications	Information not provided.

## 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>\$261,420.00</b>	<b>\$257,040.00</b>		<b>\$35,817.94</b>	
Project management of the transition	\$118,500.00	\$115,500.00	N/A	\$23,317.94	N/A
Additional Field Engineering Service, 20 Days	<i>\$108,000.00</i>	\$108,000.00	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	\$2,050.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,050.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,585.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,305.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,560.00	N/A	\$2,500.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,560.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,170.00	N/A	\$7,000.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,070.00	N/A	\$3,000.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,535.00	N/A	N/A	N/A

Prepare request for Special Temporary Authorization	\$2,050.00	\$1,535.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,120.00	N/A	N/A	N/A
<b>Sub-total</b>	\$261,420.00	\$257,040.00	N/A	\$35,817.94	N/A
<b>Total for all systems</b>	\$3,610,026.00	\$3,084,534.59	N/A	\$1,616,382.30	N/A

## Components

Actual Information	
Description	File Name
Project management of the transition	<b>Component Description:</b>
	Project Management for Structural Analysis and Tower Modifications. Services from January 1, 2018 through January 26, 2018.
	<b>Amount:</b>
	\$975.00
	<b>Component Description:</b>
	Project management services 3.2.19 through 3.29.19
	<b>Amount:</b>
	\$450.00
	<b>Component Description:</b>
	Project management services Aug 2018
	<b>Amount:</b>
	\$125.00

<b>Component Description:</b>	Professional management services 12.1.18 through 12.31.18
<b>Amount:</b>	\$150.00

<b>Component Description:</b>	Project management services 3.30.19 through 4.26.19
<b>Amount:</b>	\$900.00

<b>Component Description:</b>	Project management services May 2019
<b>Amount:</b>	\$50.00

<b>Component Description:</b>	Project management services 4.27.19 through 5.31.19
<b>Amount:</b>	\$2,550.00

<b>Component Description:</b>	Project management services 6.1.19 through 6.28.19
<b>Amount:</b>	\$2,325.00

<b>Component Description:</b>	Project management services March 2019
<b>Amount:</b>	\$260.00

<b>Component Description:</b>	Project management services April 2019
<b>Amount:</b>	\$78.00

<b>Component Description:</b>	Project management Services July 1, 2017 through September 29, 2017
<b>Amount:</b>	\$3,217.27

<b>Component Description:</b>	Project management services 9.29.18 through 10.26.18
<b>Amount:</b>	\$300.00

<b>Component Description:</b>	Project management services 6.30.18 through 7.27.18
<b>Amount:</b>	\$900.00

<b>Component Description:</b>	Project management services 2.1.19 through 3.1.19
<b>Amount:</b>	\$600.00

<b>Component Description:</b>	Project management services Dec 2018
<b>Amount:</b>	\$240.00

<b>Component Description:</b>	Project management services 10.27.18 through 11.30.18
<b>Amount:</b>	\$900.00

<b>Component Description:</b>	Project Management for Structural Analysis and Tower Modifications. Services from October 27, 2017 through December 31, 2017.
<b>Amount:</b>	\$300.00

<b>Component Description:</b>	Project management services
<b>Amount:</b>	\$2,400.00

<b>Component Description:</b>	Project management services as described in invoice
<b>Amount:</b>	\$1,575.67

<b>Component Description:</b>	Project management services Oct 2018
<b>Amount:</b>	\$275.00

<b>Component Description:</b>	Project management services 5.26.18 through 6.29.18
<b>Amount:</b>	\$1,050.00

<b>Component Description:</b>	Project management services May 27, 2017 through June 30, 2017.
<b>Amount:</b>	\$1,000.00

	<p><b>Component Description:</b> Project management services 7.28.18 through 9.28.18</p> <p><b>Amount:</b> \$2,775.00</p>
Additional Field Engineering Service, 20 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.
Prepare and or review reimbursement form	<p><b>Component Description:</b> Kessler &amp; Gehman subcontractor invoice line 1; Prepare FCC Form 399</p> <p><b>Amount:</b> \$2,500.00</p>
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.



Perform engineering study for new channel assignment and antenna development	<p><b>Component Description:</b></p> <p>Kessler &amp; Gehman subcontractor invoice line 2; perform engineering study for new channel assignment and antenna development</p> <p><b>Amount:</b></p> <p>\$7,000.00</p>
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<p><b>Component Description:</b></p> <p>Prepare engineering section of Form FCC Construction Permit Application for Main Facility</p> <p><b>Amount:</b></p> <p>\$3,000.00</p>
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	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>\$317,550.00</b>	<b>\$317,000.00</b>		<b>\$105,065.43</b>	
Equipment Delivery and Handling Charges	<i>\$45,500.00</i>	\$45,500.00	See R&S proposal 220605.0	\$45,500.00	N/A
Sales Tax	<i>\$156,000.00</i>	\$156,000.00	N/A	\$59,565.43	N/A
Transmitter Road Upgrades	<i>\$21,000.00</i>	\$21,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Equipment Storage	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$6,500.00</i>	\$6,500.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A

<b>Sub-total</b>	\$317,550.00	\$317,000.00	N/A	\$105,065.43	N/A
<b>Total for all systems</b>	\$3,610,026.00	\$3,084,534.59	N/A	\$1,616,382.30	N/A

**Components**

Actual Information	
Description	File Name
Equipment Delivery and Handling Charges	<div> <div>Component Description:</div> <div>Transmitter transportation; see also sales tax</div> <div>Amount:</div> <div>\$45,500.00</div> </div>

Sales Tax	<b>Component Description:</b> Tax on antenna installation, installment #2 <b>Amount:</b> \$3,743.27
	<b>Component Description:</b> Tax due on transmitter, less upgrade <b>Amount:</b> \$45,760.93
	<b>Component Description:</b> Tax on antenna installation, installment #1 <b>Amount:</b> \$3,809.08
	<b>Component Description:</b> Tax on antenna installation, installment #3 <b>Amount:</b> \$3,522.15
	<b>Component Description:</b> Tax due on transmitter transportation <b>Amount:</b> \$2,730.00
	<b>Component Description:</b> Tax due on transmitter electrical services <b>Amount:</b> \$3,051.00
Transmitter Road Upgrades	Information not provided.
DTV Medical Facility Notification	Information not provided.
Non-zoning permits	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.

Equipment Storage	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
MVPD Notification of Channel Change	Information not provided.

**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,610,026.00	\$3,084,534.59	\$1,616,382.30

**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.



<p>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.</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>Elizabeth Ryder</b> <i>General Counsel</i></p> <p>10/18/2019</p>

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 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).	
		<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>Elizabeth Ryder</b> <i>General Counsel</i></p> <p>10/18/2019</p>

## Attachments