



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **39270** | Service: **DTV** | Call **WANE-TV** | Channel: **32 (UHF)** |
ID: | Sign:
File **0000028711**
Number:
FRN: **0009961889** | Date **07/20**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
NEXSTAR BROADCASTING, INC.	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
Elizabeth Ryder <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

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	CTT-U- DCX2
	Year	2005
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	40 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	46 kW
	Justification for New Transmitter	The manufacturer of the existing IOT transmitter advises that the transmitter cannot be re-tuned to the assigned channel. The SS transmitter specified is one power step up from the required rated power.

**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
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Transmitter Installation Services	Site survey, drawings, Proj. Management, Transmitter Installation & Commissioning / Proof. Transmitter Electrical Installation. Please see attached Land Communication Estimate 3 1051
Additional Interior RF System	Additional Interior RF System

Additional Transmitter Costs	Additional Transmitter Costs
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Antennas

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

**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	Side 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)	1000.0 kW

Manufacturer	
Model	TFU- 24DSB-R (C) C200
Year	2005

**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)	1000.0 kW
	Manufacturer	
	Model	TFU-27ETT /VP C200

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
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes

Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes
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**Primary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Top Plate Adapter	Top Plate Adapter

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type	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)	1000.0 kW
	Manufacturer	
	Model	TFU-16WB S230
	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	4 1/16 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

**Interim
Antenna**

Other Antenna Cost Not Listed

Name	Description
Interim Antenna Costs	Interim antenna costs necessary to make borrowed interim antenna operable at the WANE tower site

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
Existing Transmission Line Description	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
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1070 feet per run

Primary **New Transmission Line**
Transmission Line

Section	Question	Response
New Transmission Line Costs	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	1070 feet per run
	Justification for New Transmission Line	Tower structural analysis called for using smaller line (6 1/8") instead of existing line (8')

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

Information not provided.

**Interim
Transmission Line**

New Transmission Line

Section	Question	Response
New Transmission Line Costs	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	920 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 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?	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)	41° 05' 38.0" N-
	Longitude (NAD83)	085° 10' 48.0" W-
	Overall Structure Height	838.70 feet
	Support Structure Height	780.60 feet
	Ground Elevation Above Mean Sea Level (AMSL)	809.80 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	LWWI BROADCASTING INC
	Date Constructed	08/01/1957

**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	N/A
Helicopter Services Required	Are helicopter services required?	No

**Primary
Tower**

Other Tower Expenses Not Listed

Name	Description
Tower Lead Paint Remediation	Tower Lead Paint Remediation

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	283
	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.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	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	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	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No

RF exposure measurements	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

Name	Description
Completion of FCC Form 1200 Request for Tolling Application	Completion of FCC Form 1200 Request for Tolling Application

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	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 Taxes	Sales and use tax on goods and services

**Cost
Information**

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter THU9EVO-30	\$1,734,807.00	\$990,707.00		\$990,707.00	
Additional Transmitter Costs	<i>\$36,657.00</i>	\$36,657.00	See Rohde & Schwarz quote 238845.0	\$36,657.00	N/A
Additional Interior RF System	<i>\$0.00</i>	\$0.00	See Transmitter installation services	N/A	N/A
Transmitter Installation Services	<i>\$144,950.00</i>	\$144,950.00	Site survey, drawings, Proj. Management, Transmitter Installation & Commissioning / Proof. Transmitter Electrical Installation. Please see attached Land Communication Estimate 3 1051	\$144,950.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$0.00	See Transmitter installation services	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$809,100.00	See Rohde & Schwarz quote 183240.2 \$912,640 less upgrade cost (\$103,540)	\$809,100.00	N/A

Switchgear - industrial 800 amp	\$38,200.00	\$0.00	See Transmitter installation services	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$0.00	See transmitter installation services	N/A	N/A
Sub-total	\$1,734,807.00	\$990,707.00	N/A	\$990,707.00	N/A
Total for all systems	\$4,286,837.20	\$3,902,095.10	N/A	\$2,184,891.00	N/A

Components

Actual Information	
Description	File Name
Additional Transmitter Costs	<p>Component Description: Additional transmitter costs</p> <p>Amount: \$36,657.00</p>
Additional Interior RF System	Information not provided.
Transmitter Installation Services	<p>Component Description: Transmitter installation</p> <p>Amount: \$144,950.00</p>
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	<div> <div> Component Description: </div> <div> Transmitter, installment #2, less upgrade cost </div> </div> <div> Amount: </div> <div> \$606,825.00 </div> <div> Component Description: </div> <div> Transmitter, installment #1, less upgrade cost </div> <div> Amount: </div> <div> \$202,275.00 </div>
Switchgear - industrial 800 amp	Information not provided.
Transformer 3 phase/480v - 300 KVA	Information not provided.

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-16WB S230	\$329,144.20	\$326,934.20		\$55,834.20	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Interim Antenna Costs	<i>\$49,434.20</i>	\$49,434.20	See Dielectric change orders 10.7.19 \$1250; 10.9.19 \$19200; 10.10.19 \$3514; 10.14.19 \$1302; Dielectric quote 1930144 \$24168.20	\$49,434.20	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

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
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$9,100.00	N/A	\$0.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, horizontally polarized	\$235,000.00	\$235,000.00	Used High Power Top Mount for budget because side mount is only rated for 500 kW	N/A	N/A
Primary Antenna TFU-27ETT /VP C200	\$333,965.00	\$247,225.00		\$235,825.00	
Top Plate Adapter	\$20,175.00	\$20,175.00	See Dielectric change order 1697919 WANE July 1, 2019	\$20,175.00	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
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,710.00	See Dielectric quote DMS142-4	\$10,710.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$204,940.00	See Dielectric quote DMS142-4 less vpol	\$204,940.00	N/A
Sub-total	\$663,109.20	\$574,159.20	N/A	\$291,659.20	N/A
Total for all systems	\$4,286,837.20	\$3,902,095.10	N/A	\$2,184,891.00	N/A

Components

Actual Information
Description

File Name

Sweep test of existing antenna	<div> <div>Component Description:</div> <div>Interim antenna sweep test</div> </div> <div> <div>Amount:</div> <div>\$6,400.00</div> </div>
Interim Antenna Costs	<div> <div>Component Description:</div> <div>Interim antenna costs</div> </div> <div> <div>Amount:</div> <div>\$24,168.20</div> </div> <div> <div>Component Description:</div> <div>Interim antenna costs</div> </div> <div> <div>Amount:</div> <div>\$2,212.00</div> </div> <div> <div>Component Description:</div> <div>Interim antenna costs</div> </div> <div> <div>Amount:</div> <div>\$2,604.00</div> </div> <div> <div>Component Description:</div> <div>Interim antenna costs</div> </div> <div> <div>Amount:</div> <div>\$20,450.00</div> </div>
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.
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, horizontally polarized	Information not provided.

Top Plate Adapter	<div> <div> Component Description: Amount: </div> <div> Top plate adapter \$20,175.00 </div> </div>
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<div> <div> Component Description: Amount: </div> <div> Elbow complex, installment #1 \$4,819.50 </div> </div> <div> <div> Component Description: Amount: </div> <div> Elbow complex, installment #2 \$4,819.50 </div> </div> <div> <div> Component Description: Amount: </div> <div> Elbow complex, balance due \$1,071.00 </div> </div>
Sweep test of existing antenna	Information not provided.
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<div> <div> Component Description: Amount: </div> <div> Main antenna, installment #1 \$92,223.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Main antenna, installment #2 \$92,223.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Main antenna, balance due \$20,494.00 </div> </div>

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	\$96,600.00	\$92,000.00		\$0.00	
Flexible Air Transmission Line - dielectric, 5"	\$96,600.00	\$92,000.00	N/A	N/A	N/A
Primary Transmission Line	\$216,140.00	\$153,143.90		\$153,143.90	
Rigid Transmission Line - copper, 6 1/8"	\$216,140.00	\$153,143.90	See Dielectric quote DMS142-4	\$153,143.90	N/A
Sub-total	\$312,740.00	\$245,143.90	N/A	\$153,143.90	N/A
Total for all systems	\$4,286,837.20	\$3,902,095.10	N/A	\$2,184,891.00	N/A

Components

Actual Information Description	File Name
Flexible Air Transmission Line - dielectric, 5"	Information not provided.

Rigid Transmission Line -
copper, 6 1/8"

Component Description:

Transmission line,
installment #1

Amount:

\$68,914.76

Component Description:

Transmission line,
installment #2

Amount:

\$68,914.76

Component Description:

Transmission line,
balance due

Amount:

\$15,314.38

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	\$817,800.00	\$1,398,096.00		\$578,576.00	
Major tower reinforcement /modifications	\$421,000.00	\$892,811.00	See FDH Infrastructure proposal for structural materials \$203,865; Coast to Coast proposal #08161902T for tower modifications \$676,899; FDH Infrastructure proposal for additional materials \$12,047	\$375,137.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$320,285.00	See Coast to Coast commitment letter and proposal #08161901T and Legacy Tower Services proposal WANE 28-19-1	\$140,759.00	N/A

Tower Lead Paint Remediation	\$160,000.00	\$160,000.00	See phase 1, phase 2 and change order proposals from Shane Davis Tower Painting	\$42,000.00	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	\$20,680.00	N/A
Sub-total	\$817,800.00	\$1,398,096.00	N/A	\$578,576.00	N/A
Total for all systems	\$4,286,837.20	\$3,902,095.10	N/A	\$2,184,891.00	N/A

Components

Actual Information
Description

File Name

Major tower reinforcement /modifications		
	Component Description:	Structural modification materials, installment #2
	Amount:	\$101,932.50
	Component Description:	Additional structural modification materials
	Amount:	\$12,047.00
	Component Description:	Tower modifications, installment #1
	Amount:	\$159,225.00
	Component Description:	Structural modification materials, installment #1
	Amount:	\$101,932.50

Tall Tower (greater than 500')	<div> Component Description: Antenna installation services, installment #1 </div> <div> Amount: \$51,509.00 </div>
	<div> Component Description: Interim antenna installation, installment #1 </div> <div> Amount: \$54,250.00 </div>
	<div> Component Description: Interim antenna installation, installment #2 </div> <div> Amount: \$25,000.00 </div>
	<div> Component Description: Deposit </div> <div> Amount: \$10,000.00 </div>
Tower Lead Paint Remediation	<div> Component Description: Tower lead paint remediation, installment #2 </div> <div> Amount: \$20,000.00 </div>
	<div> Component Description: Tower lead paint remediation </div> <div> Amount: \$22,000.00 </div>
	<div> Component Description: Additional costs, tower lead paint remediation </div> <div> Amount: \$33,000.00 </div>

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study		
	Component Description:	Structural analysis, installment #1
	Amount:	\$6,965.00
	Component Description:	Structural analysis, installment #1
	Amount:	\$3,250.00
	Component Description:	Structural analysis, installment #2
	Amount:	\$1,750.00
	Component Description:	Structural analysis
	Amount:	\$1,750.00
	Component Description:	Structural analysis, balance due on completion.
	Amount:	\$6,965.00

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
Outside Professional Services	\$110,249.00	\$106,450.00		\$53,307.50	
Completion of FCC Form 1200 Request for Tolling Application	<i>\$825.00</i>	\$825.00	See hourly work done by Kessler Gehman and Associates	\$825.00	N/A
Additional Field Engineering Service, 17 Days	<i>\$34,000.00</i>	\$34,000.00	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	\$1,925.00	See related invoices for STA and STA Extension	\$1,925.00	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
Project management of the transition	\$44,714.00	\$42,450.00	N/A	\$38,057.50	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
Sub-total	\$110,249.00	\$106,450.00	N/A	\$53,307.50	N/A

Total for all systems	\$4,286,837.20	\$3,902,095.10	N/A	\$2,184,891.00	N/A
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Components

Actual Information	
Description	File Name
Completion of FCC Form 1200 Request for Tolling Application	Component Description: Prepare Form 1200 Amount: \$825.00
Additional Field Engineering Service, 17 Days	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	Component Description: Prepare STA Extension Amount: \$425.00 Component Description: Prepare STA Amount: \$1,500.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Project management of the transition	

Component Description:	Project management services 09.29.18 through 10.26.18
Amount:	\$825.00

Component Description:	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates. Services from January 27, 2018 through February 23, 2018.
Amount:	\$1,725.00

Component Description:	FCC Transition Study and Design
Amount:	\$750.00

Component Description:	See items 1, 5, 6, 7 on invoice summary
Amount:	\$8,308.00

Component Description:	Project management services 6.29.19 through 7.26.19
Amount:	\$6,438.50

Component Description:	Project management services 7.27.19 through 8.30.19
Amount:	\$861.00

Component Description:	Project management services May 2019
Amount:	\$78.00

Component Description:	Project management services 4.27.19 through 5.31.19
Amount:	\$1,275.00

Component Description:	Project management services 6.1.19 through 6.28.19
Amount:	\$975.00

Component Description:	Project management services Apr 2019
Amount:	\$247.00

Component Description:	Project management services Feb 2019
Amount:	\$214.50

Component Description:	Project management services
Amount:	\$3,025.50

Component Description:	Project management services Mar 2019
Amount:	\$143.00

Component Description:	Project management services Oct 2019
Amount:	\$120.00

Component Description:	Project management services Jun 2019
Amount:	\$50.00

Component Description:	Project management services Jul 2019
Amount:	\$100.00

Component Description:	Project management services 3.30.19 through 4.26.19
Amount:	\$450.00

Component Description:	Project management services Jul 2019
Amount:	\$325.00

Component Description:	Project management services
Amount:	\$150.00

Component Description:	Project management services Aug 2019
Amount:	\$130.00

Component Description:	Project management services Oct 2018
Amount:	\$75.00

Component Description:	Project management services 8.31.19 through 9.27.19
Amount:	\$711.00

Component Description:	FCC Transition Study and Design
Amount:	\$600.00

Component Description:	No longer requesting reimbursement for invoice 26981. Please see revised invoice 29382R.
Amount:	(\$1,125.02)

Component Description:	Project management services Jan 2019
Amount:	\$65.00

Component Description:	Project Management for Structural Analysis and Tower Modifications for services from June 30, 2018 through July 27, 2018.
Amount:	\$750.00

Component Description:	Transition study fee 64.2857% complete
Amount:	\$13,500.00
Component Description:	Project management services Aug 2019
Amount:	\$50.00
Component Description:	No longer requesting reimbursement for invoice 26694. Please see revised invoice 29382R.
Amount:	(\$3,452.66)
Component Description:	Project management and other professional services from May 26, 2018 through June 29, 2018 including services provided by consultants Kessler and Gehman Associates.
Amount:	\$735.00
Component Description:	Project management services 1.1.19 through 1.31.19
Amount:	\$1,275.00
Component Description:	Amount due on Transition Study & Design;
Amount:	\$3,452.66

Component Description:	No longer requesting reimbursement for invoice 25771. Please see revised invoice 29382R.
Amount:	(\$13,500.00)

Component Description:	Project management services 2.1.19 through 3.1.19
Amount:	\$525.00

Component Description:	Project management services 10.27.18 through 11.30.18
Amount:	\$1,500.00

Component Description:	Project management services Sep 2019
Amount:	\$150.00

Component Description:	Project management and other professional services from July 28, 2018 through September 28, 2018.
Amount:	\$2,700.00

Component Description:	Project management services 12.1.18 through 12.31.18
Amount:	\$450.00

	Component Description: Amount:	Project management services 3.2.19 through 3.29.19 \$375.00
	Component Description: Amount:	Project management services \$1,906.00
	Component Description: Amount:	FCC Transition Study and Design \$1,125.02
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	See item 4 from invoice summary \$3,000.00
Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	See item 3 from invoice summary \$7,000.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	Component Description: Amount:	See item 2 from invoice summary \$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
Other Expenses	\$320,050.00	\$319,500.00		\$117,497.40	
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
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	N/A	\$25,000.00	N/A
Non-zoning permits	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,044.00	N/A
Equipment Delivery and Handling Charges	<i>\$25,000.00</i>	\$25,000.00	N/A	\$14,212.84	N/A
Sales Taxes	<i>\$203,000.00</i>	\$203,000.00	N/A	\$75,240.56	N/A
Sub-total	\$320,050.00	\$319,500.00	N/A	\$117,497.40	N/A

Total for all systems	\$4,286,837.20	\$3,902,095.10	N/A	\$2,184,891.00	N/A
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Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Disposal services Amount: \$25,000.00
Non-zoning permits	Information not provided.
DTV Medical Facility Notification	Component Description: Notification of Medical Facilities Amount: \$3,044.00

Equipment Delivery and Handling Charges		
	Component Description:	Shipping on interim antenna parts
	Amount:	\$1,258.98
	Component Description:	Shipping costs for interim antenna parts
	Amount:	\$1,768.77
	Component Description:	Shipping costs for interim antenna parts
	Amount:	\$9,946.42
	Component Description:	Shipping costs for interim antenna parts
	Amount:	\$1,238.67

Sales Taxes

Component Description: Tax on
transmitter, less
tax on upgrade
cost

Amount: \$56,637.00

Component Description: Sales tax due on
interim antenna
parts, invoice
618022

Amount: \$1,691.77

Component Description: Sales tax due on
additional
transmitter costs

Amount: \$2,565.99

Component Description: Sales tax due on
antenna
component

Amount: \$14,345.80

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$4,286,837.20	\$3,902,095.10
			\$2,184,891.00

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

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

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

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Elizabeth
Ryder**
*General
Counsel*

07/20/2020

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"> 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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
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>Elizabeth Ryder <i>General Counsel</i></p> <p>07/20/2020</p>

Attachments