



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **29557** | Service: **DTV** | Call **KNWA-TV** | Channel: **33 (UHF)** |
ID: | Sign:
File **0000028271**
Number:
FRN: **0009961889** | Date **06/04**
Submitted: **/2019**

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,</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 transmitter, antenna and transmission. Acquire interim antenna system 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	DCX Millenium
	Year	2007
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	47.8 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-36
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	55 kW
	Justification for New Transmitter	Current transmitter is not retunable. The requested reimbursed price is a Comark 2 Tube IOT. See attached.

**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
Additional Interior RF System	Interior RF System Existing Transmitter to Interim Transmission line
Interim Transmitter Costs	Interim Transmitter Costs

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?	No
	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-26GTH04
Year	2007

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?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	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)	820.0 kW
	Manufacturer	
	Model	TFU-25JSC /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
Combiner for Shared Antenna	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
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 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes

Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes
-------------------	--	-----

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**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?	No
	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 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.
--	-------------------------------	--

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	6 1/8 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

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
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	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	550 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	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	550 feet per run
	Justification for New Transmission Line	The existing primary transmission line is rigid with 20' section lengths that cannot accommodate the assigned channel.

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	Rigid
	Diameter	6 1/8 inches
	Segment Length	19 ½ '
	Other Segment Length	
	Number of parallel runs	1
	Length	450 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	Leased
	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?	Yes
	ASR Number	1238430
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	36° 24' 48.0" N-
	Longitude (NAD83)	093° 57' 17.4" W-
	Overall Structure Height	505.90 feet
	Support Structure Height	499.99 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1679.77 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Arklahoma Broadcast & Communiaction Towers, LLC
Date Constructed	06/27/2004

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
Weather Delays	Weather Delays

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	268
	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	14
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
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
Equipment Rental		Equipment Rental

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-36	\$2,031,200.00	\$1,627,670.00		\$1,262,210.84	
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,388,470.00	See attached Comark reference price for a 2 tube IOT.	\$1,189,815.00	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$35,000.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	\$4,900.00	N/A
Additional Interior RF System	<i>\$140,000.00</i>	\$140,000.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$10,100.00	N/A

Interim Transmitter Costs	\$23,000.00	\$23,000.00	Estimated costs to relocate and utilize interim transmitter while new transmitter is being installed. Transmitter building does not have enough room for both old and new transmitters, so old transmitter must be removed and interim used during install.	\$22,395.84	N/A
Sub-total	\$2,031,200.00	\$1,627,670.00	N/A	\$1,262,210.84	N/A
Total for all systems	\$3,741,609.00	\$3,280,846.50	N/A	\$2,118,594.93	N/A

Components

Actual Information	
Description	File Name

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Component Description:	Concrete Pad/Ice Shield installment #1; see also sales tax
	Amount:	\$12,555.00
	Component Description:	Transmitter, installment #1
	Amount:	\$294,315.00
	Component Description:	Transmitter, installment #2
	Amount:	\$588,630.00
	Component Description:	Transmitter, installment #3
	Amount:	\$294,315.00
Transformer 3 phase/480v - 300 KVA	Component Description:	Transmitter electrical service
	Amount:	\$35,000.00
3" Rigid Conduit and Wiring (Cost per foot)	Component Description:	Transmitter electrical service
	Amount:	\$4,900.00
Additional Interior RF System	Information not provided.	
Switchgear - industrial 800 amp	Component Description:	Transmitter electrical service
	Amount:	\$10,100.00

Interim Transmitter Costs

Component Description: Electrical for interim transmitter
Amount: \$7,676.00

Component Description: Disconnect electrical for interim transmitter relocation
Amount: \$1,200.00

Component Description: Concrete pad for interim transmitter
Amount: \$5,800.00

Component Description: Costs to relocate interim transmitter to KNWA site.
Amount: \$7,719.84

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 C160	\$149,365.00	\$147,025.00		\$98,132.50	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, horizontally polarized	<i>\$101,925.00</i>	\$101,925.00	Used High Power Top Mount for budget because side mount is only rated for 500 kW; cost revised down from 235,000 to 101,925 per Rohde & Schwarz quote 700420CMZ-1	\$91,732.50	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	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
Primary Antenna TFU-25JSC /VP-R 04	\$191,740.00	\$183,563.00		\$161,346.70	
UHF - High Power, Side Mount, basic slot antenna, 820 kW input, elliptically or circularly polarized	\$144,300.00	\$144,300.00	Upgrade cost 164,925, less VPOL (20,625) for cost 144,300. See Dielectric quote DMS122-3 attached.	\$129,870.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$9,150.00	Cost revised down from 11,700 to 9,150 per Dielectric quote DMS122-3 attached.	\$8,235.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$18,713.00	Cost revised down from 22,000 to 18,713 per Dielectric quote DMS122-3 attached.	\$16,841.70	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
Sub-total	\$341,105.00	\$330,588.00	N/A	\$259,479.20	N/A
Total for all systems	\$3,741,609.00	\$3,280,846.50	N/A	\$2,118,594.93	N/A

Components

Actual Information	
Description	File Name
Sweep test of existing antenna	<p>Component Description: Interim antenna sweep test</p> <p>Amount: \$6,400.00</p>

<p>UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, horizontally polarized</p>	<table> <tr> <td data-bbox="719 174 1034 208">Component Description:</td><td data-bbox="1166 174 1374 286">Aux antenna, line 1 of invoice, installment #2</td></tr> <tr> <td data-bbox="719 297 834 331">Amount:</td><td data-bbox="1166 297 1299 331">\$45,866.25</td></tr> <tr> <td data-bbox="719 432 1034 465">Component Description:</td><td data-bbox="1166 432 1374 544">Antenna, line 1 of invoice, installment #1</td></tr> <tr> <td data-bbox="719 555 834 589">Amount:</td><td data-bbox="1166 555 1299 589">\$45,866.25</td></tr> </table>	Component Description:	Aux antenna, line 1 of invoice, installment #2	Amount:	\$45,866.25	Component Description:	Antenna, line 1 of invoice, installment #1	Amount:	\$45,866.25
Component Description:	Aux antenna, line 1 of invoice, installment #2								
Amount:	\$45,866.25								
Component Description:	Antenna, line 1 of invoice, installment #1								
Amount:	\$45,866.25								
<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<p>Information not provided.</p>								
<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<p>Information not provided.</p>								
<p>Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)</p>	<p>Information not provided.</p>								
<p>UHF - High Power, Side Mount, basic slot antenna, 820 kW input, elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="719 1272 1034 1305">Component Description:</td><td data-bbox="1166 1272 1358 1384">Main antenna, line 1 of invoice, installment #2</td></tr> <tr> <td data-bbox="719 1395 834 1429">Amount:</td><td data-bbox="1166 1395 1299 1429">\$64,935.00</td></tr> <tr> <td data-bbox="719 1529 1034 1563">Component Description:</td><td data-bbox="1166 1529 1374 1641">Antenna, line 1 of invoice, installment #1</td></tr> <tr> <td data-bbox="719 1653 834 1686">Amount:</td><td data-bbox="1166 1653 1299 1686">\$64,935.00</td></tr> </table>	Component Description:	Main antenna, line 1 of invoice, installment #2	Amount:	\$64,935.00	Component Description:	Antenna, line 1 of invoice, installment #1	Amount:	\$64,935.00
Component Description:	Main antenna, line 1 of invoice, installment #2								
Amount:	\$64,935.00								
Component Description:	Antenna, line 1 of invoice, installment #1								
Amount:	\$64,935.00								
<p>Sweep test of existing antenna</p>	<table> <tr> <td data-bbox="719 1821 1034 1854">Component Description:</td><td data-bbox="1166 1821 1299 1854">Sweep test</td></tr> <tr> <td data-bbox="719 1865 834 1899">Amount:</td><td data-bbox="1166 1865 1283 1899">\$6,400.00</td></tr> </table>	Component Description:	Sweep test	Amount:	\$6,400.00				
Component Description:	Sweep test								
Amount:	\$6,400.00								

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<div> Component Description: Elbow complex, line 4 of invoice, installment #2 </div> <div> Amount: \$4,117.50 </div>
	<div> Component Description: Elbow Complex, line 4 of invoice, installment #1 </div> <div> Amount: \$4,117.50 </div>
Side mount brackets for high power antennas (if not included in antenna base cost)	<div> Component Description: Side mount brackets, line 3 of invoice, installment #2 </div> <div> Amount: \$8,420.85 </div>
	<div> Component Description: Side Mount brackets, line 3 of invoice, installment #1 </div> <div> Amount: \$8,420.85 </div>
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.

Cost
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$90,900.00	\$79,138.50		\$71,224.66	
Rigid Transmission Line - copper, 6 1/8"	\$90,900.00	\$79,138.50	Cost revised down from 86,400 to 79,138.50 per Dielectric quote 700420CMZ-1 attached.	\$71,224.66	N/A
Primary Transmission Line	\$111,100.00	\$105,600.00		\$3,595.50	
Rigid Transmission Line - copper, 6 1/8"	\$111,100.00	\$105,600.00	N/A	\$3,595.50	N/A
Sub-total	\$202,000.00	\$184,738.50	N/A	\$74,820.16	N/A
Total for all systems	\$3,741,609.00	\$3,280,846.50	N/A	\$2,118,594.93	N/A

Components

Actual Information	
Description	File Name

Rigid Transmission Line - copper, 6 1/8"	<div> <div> Component Description: Amount: </div> <div> Transmission line, line 2 of invoice, installment #2 \$35,612.33 </div> </div> <div> <div> Component Description: Amount: </div> <div> Transmission line, line 2 of invoice, installment #1 \$35,612.33 </div> </div>
Rigid Transmission Line - copper, 6 1/8"	<div> <div> Component Description: Amount: </div> <div> Transmission line, lines 5-6 of invoice, installment #2 \$1,797.75 </div> </div> <div> <div> Component Description: Amount: </div> <div> Transmission line, lines 5-6 of invoice, installment #1 \$1,797.75 </div> </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
Primary Tower TOWER	\$680,200.00	\$652,400.00		\$357,230.00	
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$247,005.00	N/A
Weather Delays	<i>\$22,400.00</i>	\$22,400.00	Weathers delays due to rain, ice and high winds	\$22,400.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	\$59,600.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$30,000.00	Additional construction design required	\$28,225.00	N/A
Sub-total	\$680,200.00	\$652,400.00	N/A	\$357,230.00	N/A
Total for all systems	\$3,741,609.00	\$3,280,846.50	N/A	\$2,118,594.93	N/A

Components

Actual Information	
Description	File Name

Major tower reinforcement /modifications	Component Description: Tower modifications, installment #3 Amount: \$58,684.25
	Component Description: Tower modifications, installment #2 Amount: \$54,580.00
	Component Description: Tower modifications, installment #1 Amount: \$58,673.50
	Component Description: Additional tower modifications, installment #1 Amount: \$75,067.25
Weather Delays	Component Description: Delays due to rain, ice and high winds. Amount: \$22,400.00

Tall Tower (greater than 500')	<div> Component Description: Interim antenna installation, installment #1; see also sales tax </div> <div> Amount: \$19,865.00 </div>
	<div> Component Description: Interim antenna installation, amounts due on crew arrival and completion; see also freight and sales tax </div> <div> Amount: \$39,735.00 </div>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<div> Component Description: Modification Design Services </div> <div> Amount: \$11,475.00 </div>
	<div> Component Description: Tower Modification Design </div> <div> Amount: \$7,750.00 </div>
	<div> Component Description: Structural analysis and Tower Mapping </div> <div> Amount: \$9,000.00 </div>

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	\$101,054.00	\$99,950.00		\$31,390.00	
Additional Field Engineering Service, 14 Days	<i>\$28,000.00</i>	\$28,000.00	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	\$4,500.00	Additional STAs required; see detail explanations on invoices	\$4,500.00	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
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
Project management of the transition	\$42,344.00	\$40,200.00	N/A	\$14,390.00	N/A
Sub-total	\$101,054.00	\$99,950.00	N/A	\$31,390.00	N/A
Total for all systems	\$3,741,609.00	\$3,280,846.50	N/A	\$2,118,594.93	N/A

Components

Actual Information	
Description	File Name
Additional Field Engineering Service, 14 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	<div> <div> Component Description: Amount: </div> <div> Amendment to pending Post Transition STA \$1,500.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Amendment to pending STA \$1,500.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Prepare request for Special Temporary Authorization- Item no. 3 of invoice summary. \$1,500.00 </div> </div>
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>Component Description:</p> <p>Prepare Engineering Section of FCC Form 2100, item 4 from invoice summary</p> <p>Amount:</p> <p>\$3,000.00</p>
Perform engineering study for new channel assignment and antenna development	<p>Component Description:</p> <p>Perform Engineering Study for New Channel Assignment, item 3 from invoice summary</p> <p>Amount:</p> <p>\$7,000.00</p>
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	<p>Component Description:</p> <p>Prepare reimbursement form, item 2 from invoice summary</p> <p>Amount:</p> <p>\$2,500.00</p>
Project management of the transition	<p>Component Description:</p> <p>Project management services 3.2.19 through 3.29.19</p> <p>Amount:</p> <p>\$1,050.00</p> <p>Component Description:</p> <p>Project management services 10.27.18 through 11.30.18</p> <p>Amount:</p> <p>\$1,875.00</p>

Component Description:	Project management services Dec 2018
Amount:	\$150.00

Component Description:	Professional management services 12.1.18 through 12.31.18
Amount:	\$150.00

Component Description:	Project management services Aug 2018
Amount:	\$150.00

Component Description:	Project management services April 2019
Amount:	\$170.00

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

Component Description:	Project management services 5.26.18 through 6.29.18
Amount:	\$825.00

Component Description:	Project management services Oct 2018
Amount:	\$125.00

Component Description:	Project management services Feb 2019
Amount:	\$245.00

Component Description:	Project management services Jan 2019
Amount:	\$270.00

Component Description:	Project management services, item 1 from invoice summary
Amount:	\$5,325.00

Component Description:	Project management services 1.1.19 through 1.31.19 - items 1, 2 and 4 of invoice summary
Amount:	\$750.00

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:	\$450.00

Component Description:	FCC Transition study and design
Amount:	\$1,237.50

Component Description:	FCC Transition study and design
Amount:	\$1,822.73

Component Description:	Project management services March 2019
Amount:	\$610.00

Component Description:	Vendor has issued a revised invoice
Amount:	(\$1,237.50)

Component Description:	Project management services 6.30.18 through 7.27.18
Amount:	\$150.00

Component Description:	FCC Transition study and design
Amount:	\$225.00

Component Description:	Vendor has issued a revised invoice
Amount:	(\$225.00)

Component Description:	FCC Transition study and design
Amount:	\$13,500.00

Component Description:	Project management services 7.28.18 through 9.28.18
Amount:	\$525.00

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

Component Description:	Project management services 9.29.18 through 10.26.18
Amount:	\$225.00

Component Description:	Project management services, item 7 from invoice summary
Amount:	\$820.00

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

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	\$386,050.00	\$385,500.00		\$133,464.73	
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	N/A	\$24,500.00	N/A
Sales Taxes	<i>\$268,000.00</i>	\$268,000.00	Sales and use tax for goods and services using AR state and local rates.	\$105,807.59	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,896.00	N/A
Non-zoning permits	<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	\$65.96	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>\$3,500.00</i>	\$3,500.00	N/A	N/A	N/A

MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	N/A	N/A
Equipment Rental	\$1,000.00	\$1,000.00	Equipment needed for installations	\$195.18	N/A
Sub-total	\$386,050.00	\$385,500.00	N/A	\$133,464.73	N/A
Total for all systems	\$3,741,609.00	\$3,280,846.50	N/A	\$2,118,594.93	N/A

Components

Actual Information		
Description	File Name	
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description:	Disposal services
	Amount:	\$12,500.00
	Component Description:	Disposal services
	Amount:	\$12,000.00

Sales Taxes	<table> <tr> <td data-bbox="719 181 1023 208">Component Description:</td><td data-bbox="1160 181 1358 284">Taxes due on materials and services</td></tr> <tr> <td data-bbox="719 302 826 329">Amount:</td><td data-bbox="1160 302 1278 329">\$1,694.64</td></tr> <tr> <td data-bbox="719 441 1023 468">Component Description:</td><td data-bbox="1160 441 1358 544">Sales tax related to tower modifications</td></tr> <tr> <td data-bbox="719 562 826 589">Amount:</td><td data-bbox="1160 562 1278 589">\$4,093.50</td></tr> <tr> <td data-bbox="719 701 1023 728">Component Description:</td><td data-bbox="1160 701 1358 759">Sales tax due on transmitter</td></tr> <tr> <td data-bbox="719 777 826 804">Amount:</td><td data-bbox="1160 777 1294 804">\$94,602.87</td></tr> <tr> <td data-bbox="719 916 1023 943">Component Description:</td><td data-bbox="1160 916 1358 1099">Sales tax on interim antenna installation materials, installment #1</td></tr> <tr> <td data-bbox="719 1117 826 1144">Amount:</td><td data-bbox="1160 1117 1278 1144">\$1,489.88</td></tr> <tr> <td data-bbox="719 1256 1023 1283">Component Description:</td><td data-bbox="1160 1256 1358 1440">Sales tax on materials for Concrete Paid/Ice Shield installment #1</td></tr> <tr> <td data-bbox="719 1458 826 1485">Amount:</td><td data-bbox="1160 1458 1257 1485">\$941.63</td></tr> <tr> <td data-bbox="719 1597 1023 1624">Component Description:</td><td data-bbox="1160 1597 1358 1736">Interim antenna installation, sales tax on materials and labor</td></tr> <tr> <td data-bbox="719 1753 826 1780">Amount:</td><td data-bbox="1160 1753 1278 1780">\$2,985.07</td></tr> </table>	Component Description:	Taxes due on materials and services	Amount:	\$1,694.64	Component Description:	Sales tax related to tower modifications	Amount:	\$4,093.50	Component Description:	Sales tax due on transmitter	Amount:	\$94,602.87	Component Description:	Sales tax on interim antenna installation materials, installment #1	Amount:	\$1,489.88	Component Description:	Sales tax on materials for Concrete Paid/Ice Shield installment #1	Amount:	\$941.63	Component Description:	Interim antenna installation, sales tax on materials and labor	Amount:	\$2,985.07
Component Description:	Taxes due on materials and services																								
Amount:	\$1,694.64																								
Component Description:	Sales tax related to tower modifications																								
Amount:	\$4,093.50																								
Component Description:	Sales tax due on transmitter																								
Amount:	\$94,602.87																								
Component Description:	Sales tax on interim antenna installation materials, installment #1																								
Amount:	\$1,489.88																								
Component Description:	Sales tax on materials for Concrete Paid/Ice Shield installment #1																								
Amount:	\$941.63																								
Component Description:	Interim antenna installation, sales tax on materials and labor																								
Amount:	\$2,985.07																								
DTV Medical Facility Notification	<table> <tr> <td data-bbox="719 1924 1023 1951">Component Description:</td><td data-bbox="1160 1924 1358 1982">Notification of Medical Facilities</td></tr> <tr> <td data-bbox="719 2000 826 2027">Amount:</td><td data-bbox="1160 2000 1278 2027">\$2,896.00</td></tr> </table>	Component Description:	Notification of Medical Facilities	Amount:	\$2,896.00																				
Component Description:	Notification of Medical Facilities																								
Amount:	\$2,896.00																								

Non-zoning permits	Information not provided.
Equipment Delivery and Handling Charges	<div> <div>Component Description:</div> <div>Interim antenna installation, freight on materials</div> </div> <div> <div>Amount:</div> <div>\$65.96</div> </div>
Equipment Storage	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Equipment Rental	<div> <div>Component Description:</div> <div>Rollback truck rental</div> </div> <div> <div>Amount:</div> <div>\$195.18</div> </div>

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,741,609.00	\$3,280,846.50	\$2,118,594.93

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*

06/04/2019

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>06/04/2019</p>

Attachments