



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **9630** | Service: **DTV** | Call **WJMN-TV** | Channel: **32 (UHF)** |  
ID: | Sign:  
File **0000028710**  
Number:  
FRN: **0009961889** | Date **05/21**  
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	See attached Transition Plan document.

**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	DCX1
	Year	2009
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	30 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/12
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	19.2 kW
	Justification for New Transmitter	Existing transmitter cannot be converted to repacked channel per manufacturer. See attached Comark price for a one tube IOT as maximum reimbursed price.

**Primary  
Transmitter**

**Other Transmitter Costs**

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

	Size	3 inches
	Length	75.0 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?	Yes
	Size	100.0 square feet
<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**  
Information not provided.

**Interim  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	UAXTE-12
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	6 kW
	Justification for New Transmitter	No way to maintain on the air signal without an interim transmission system including the identified transmitter.

**Interim  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	50.0 feet

	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Heating and Cooling
	Size	5 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A
<b>Inside RF System</b>	Is an additional interior RF system required to support this interim transmitter?	Yes

**Interim  
Transmitter**

**Other Transmitter Cost Not Listed**

Information not provided.

**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) .....	1000.0 kW

Manufacturer	
Model	ATW30H3- HSCX-48S
Year	2010

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-24ETT /VP-R S390
Year	2018
Justification for New Antenna	Existing coaxial slot antenna is not designed to operate on repacked channel.

## Primary Antenna

### Other Antenna Costs

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

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

**Other Antenna Cost Not Listed**

Information not provided.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	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) .....	500.0 kW
	Manufacturer	
	Model	TFU-16WB S230
	Year	2017

	Justification for New Antenna	No way to maintain an on-air signal without an interim antenna.
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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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an 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

## 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	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	DIELECTRIC
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1130 feet per run



Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sweep Test	Sweep line to confirm reuse

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	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	1100 feet per run
	Justification for New Transmission Line	No way to maintain on the air signal during removal and replacement of primary antenna without using interim antenna and transmission line.

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	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1007037
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	46° 08' 05.0" N-
	Longitude (NAD83)	086° 56' 56.0" W-
	Overall Structure Height	1251.95 feet
	Support Structure Height	1137.78 feet
	Ground Elevation Above Mean Sea Level (AMSL)	819.87 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Nexstar Broadcasting, Inc.
	Date Constructed	01/01/1991

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

Facility ID	Call Sign	Service
47120	WGLQ	FM

## Primary Tower

### Tower Modification Costs

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

## Primary Tower

### Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

**Primary  
Tower**

**Other Tower Expenses Not Listed**  
Information not provided.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	173
	Explanation	It will be necessary to 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.
<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	No
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No

	Number of Days	N/A
	Justification	N/A

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

## Other Expenses

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

## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Interim Transmitter UAXTE-12</b>	<b>\$457,150.00</b>	<b>\$320,500.00</b>		<b>\$0.00</b>	
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	\$0.00	N/A
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	\$236,500.00	\$225,000.00	N/A	\$0.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$1,300.00	\$1,250.00	N/A	N/A	N/A
Other -- HVAC Service Type: H Size:5 (Other)	<i>\$19,250.00</i>	\$19,250.00	HVAC heating and cooling for 5 tons from catalog.	N/A	N/A
UHF inside RF system including switching	\$147,500.00	\$25,000.00	Need patch panel system to switch back and forth between transmission systems.	N/A	N/A

<b>Primary Transmitter THU9evo/12</b>	<b>\$745,500.00</b>	<b>\$529,655.00</b>		<b>\$488,176.35</b>	
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$14,050.00	N/A	\$0.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$37,150.00	N/A	\$18,471.35	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$3,900.00	\$3,750.00	N/A	N/A	N/A
Other -- Building Addition Size: 100.0	<b>\$5,000.00</b>	\$5,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$469,705.00	Cost revised down from \$666,000. R&S Transmitter cost \$448,505 per quote 802-051368.1 attached, plus electrical service \$21,200 per R&S quote 126521.0 attached, adjusted for sales tax.	\$469,705.00	N/A
<b>Sub-total</b>	<b>\$1,202,650.00</b>	<b>\$850,155.00</b>	<b>N/A</b>	<b>\$488,176.35</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$2,539,939.00</b>	<b>\$1,988,591.81</b>	<b>N/A</b>	<b>\$1,139,830.48</b>	<b>N/A</b>

## Components

Actual Information	
Description	File Name
Service entrance 3 phase /800 amp/208 volt	<b>Component Description:</b> Electrical work for interim transmitter <b>Amount:</b> \$9,235.67
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	<b>Component Description:</b> Entered to this component in error <b>Amount:</b> N/A
Switchgear - industrial 800 amp	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Other -- HVAC Service Type: H Size:5 (Other)	Information not provided.
UHF inside RF system including switching	Information not provided.
Service entrance 3 phase /800 amp/208 volt	<b>Component Description:</b> Electrical work for transmitter <b>Amount:</b> \$9,235.68
Switchgear - industrial 800 amp	<b>Component Description:</b> Electrical service <b>Amount:</b> \$18,471.35
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Other -- Building Addition Size: 100.0	Information not provided.

UHF - Liquid Cooled Solid  
State Transmitter 14.2 - 20  
kW

**Component Description:**

Transmitter,  
installment #3

**Amount:**

\$112,126.25

**Component Description:**

Transmitter  
electrical work

**Amount:**

\$21,200.00

**Component Description:**

Transmitter,  
installment #2

**Amount:**

\$224,252.50

**Component Description:**

Transmitter 25%  
down payment

**Amount:**

\$112,126.25

## 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 S230</b>	<b>\$108,655.00</b>	<b>\$108,325.00</b>		<b>\$108,325.00</b>	
UHF - High Power, Side Mount, basic slot antenna, 500 kW input, directional,, horizontally polarized	<i>\$101,925.00</i>	\$101,925.00	From Dielectric quote 700423CMZ-2	\$101,925.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See Dielectric quote 700423CMZ-2	\$6,400.00	N/A
<b>Primary Antenna TFU-24ETT /VP-R S390</b>	<b>\$555,530.00</b>	<b>\$345,354.07</b>		<b>\$173,091.52</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See Dielectric quote DMS108-3	\$5,955.00	pending credit from Dielectric
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$15,433.00	See Dielectric quote DMS108-3 lines 2-6	\$13,889.70	N/A

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$170,274.25	See Dielectric quote DMS108-3. This is cost line 1 less VPOL which is not reimbursable.	\$153,246.82	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$153,246.82	***System Notice: Estimate adjusted and locked because line has been superseded. ***See Dielectric quote DMS108-3	\$0.00	N/A
<b>Sub-total</b>	\$664,185.00	\$453,679.07	N/A	\$281,416.52	N/A
<b>Total for all systems</b>	\$2,539,939.00	\$1,988,591.81	N/A	\$1,139,830.48	N/A

## Components

**Actual Information**  
**Description**

**File Name**

UHF - High Power, Side Mount, basic slot antenna, 500 kW input, directional,, horizontally polarized		
	<b>Component Description:</b>	Interim antenna, installment #3
	<b>Amount:</b>	\$10,192.50
	<b>Component Description:</b>	Interim antenna, installment #2, line 1 of invoice
	<b>Amount:</b>	\$45,866.25
	<b>Component Description:</b>	Interim Antenna - Installment #2
	<b>Amount:</b>	\$45,866.25
	<b>Component Description:</b>	Interim Antenna - Installment #1
	<b>Amount:</b>	\$45,866.25



Sweep test of existing antenna		
	<b>Component Description:</b>	Interim antenna sweep test
	<b>Amount:</b>	\$6,400.00
	<b>Component Description:</b>	Sweep test not done by Dielectric
	<b>Amount:</b>	(\$5,760.00)
	<b>Component Description:</b>	Sweep test, installment #2
	<b>Amount:</b>	\$2,880.00
	<b>Component Description:</b>	Sweep test - Installment #1
	<b>Amount:</b>	\$2,880.00
	<b>Component Description:</b>	Sweep test - Installment #2
	<b>Amount:</b>	\$2,880.00

Sweep test of existing antenna	<b>Component Description:</b>	Transmission line feasibility report for repack
	<b>Amount:</b>	\$195.00
	<b>Component Description:</b>	Sweep test
	<b>Amount:</b>	\$6,400.00
	<b>Component Description:</b>	Sweep test, line 8 from invoice, installment #1
	<b>Amount:</b>	\$2,880.00
	<b>Component Description:</b>	See revised invoice, v4
	<b>Amount:</b>	(\$2,880.00)
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<b>Component Description:</b>	Sweep test, line 8 of invoice
	<b>Amount:</b>	\$2,880.00
	<b>Component Description:</b>	Sweep test, line 8 of invoice, installment #2
	<b>Amount:</b>	\$2,880.00
	<b>Component Description:</b>	Sweep test, line 8 of invoice
	<b>Amount:</b>	\$2,880.00
	<b>Component Description:</b>	See revised invoice, v4
	<b>Amount:</b>	(\$2,880.00)

<b>Component Description:</b>	Elbow components, lines 3-7 of invoice, installment #2
<b>Amount:</b>	\$6,944.85

<b>Component Description:</b>	Other component - line 7 of invoice
<b>Amount:</b>	\$135.00

<b>Component Description:</b>	See revised invoice, v4
<b>Amount:</b>	(\$773.55)

<b>Component Description:</b>	See revised invoice, v4
<b>Amount:</b>	(\$378.00)

<b>Component Description:</b>	Elbow component - line 3 of invoice
<b>Amount:</b>	\$4,634.10

<b>Component Description:</b>	Elbow component - line 5 of invoice
<b>Amount:</b>	\$378.00

<b>Component Description:</b>	See revised invoice, v4
<b>Amount:</b>	(\$4,634.10)

<b>Component Description:</b>	Other component - line 6 of invoice
<b>Amount:</b>	\$1,024.20

<b>Component Description:</b>	See revised invoice, v4
<b>Amount:</b>	(\$1,024.20)

<b>Component Description:</b>	Other component - line 6 of invoice
<b>Amount:</b>	\$1,024.20

<b>Component Description:</b>	See revised invoice, v4
<b>Amount:</b>	(\$4,634.10)

<b>Component Description:</b>	Other component - line 7 of invoice
<b>Amount:</b>	\$135.00

<b>Component Description:</b>	See revised invoice, v4
<b>Amount:</b>	(\$135.00)

<b>Component Description:</b>	Elbow complex various, lines 3-7 of invoice, installment #1
<b>Amount:</b>	\$6,944.85

<b>Component Description:</b>	Elbow component - line 5 of invoice
<b>Amount:</b>	\$378.00

<b>Component Description:</b>	See revised invoice, v4
<b>Amount:</b>	(\$773.55)

<b>Component Description:</b>	Elbow component - line 4 of invoice
<b>Amount:</b>	\$773.55

<b>Component Description:</b>	See revised invoice, v4
<b>Amount:</b>	(\$135.00)

	<b>Component Description:</b> Elbow component - line 3 of invoice <b>Amount:</b> \$4,634.10
	<b>Component Description:</b> Elbow component - line 4 of invoice <b>Amount:</b> \$773.55
	<b>Component Description:</b> See revised invoice, v4 <b>Amount:</b> (\$378.00)
	<b>Component Description:</b> See revised invoice, v4 <b>Amount:</b> (\$1,024.20)
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<b>Component Description:</b> Antenna, line 1 of invoice, installment #1 <b>Amount:</b> \$76,623.41
	<b>Component Description:</b> Antenna, line 1 of invoice, installment #2 <b>Amount:</b> \$76,623.41
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<b>Component Description:</b> Antenna component - line 1 of invoice <b>Amount:</b> \$76,623.41
	<b>Component Description:</b> Antenna component - line 1 of invoice <b>Amount:</b> \$76,623.41

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	\$64,900.00	\$42,099.98		\$42,099.98	
Flexible Air Transmission Line - dielectric, 3"	\$64,900.00	\$42,099.98	See Dielectric quote 700423CMZ- 2; cost revised down from \$62,700 to \$42099.98	\$42,099.98	N/A
Primary Transmission Line	\$6,400.00	\$6,400.00		\$0.00	
Sweep Test	\$6,400.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$71,300.00	\$48,499.98	N/A	\$42,099.98	N/A
Total for all systems	\$2,539,939.00	\$1,988,591.81	N/A	\$1,139,830.48	N/A

Components

Actual Information Description	File Name
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Flexible Air Transmission Line - dielectric, 3"		
	<b>Component Description:</b>	Transmission line,
		installment #3
	<b>Amount:</b>	\$4,210.00
	<b>Component Description:</b>	Transmission line,
		installment #2
	<b>Amount:</b>	\$18,944.99
	<b>Component Description:</b>	Transmission Line
		- Installment #2
	<b>Amount:</b>	\$18,944.99
	<b>Component Description:</b>	Transmission Line
		- Installment #1
	<b>Amount:</b>	\$18,944.99
Sweep Test	Information not provided.	

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	\$381,100.00	\$419,442.76		\$267,620.33	
Minor tower reinforcement /modifications	\$158,000.00	\$153,442.76	See ERI proposal, plus shipping and tax costs	\$153,442.76	N/A
Tall Tower (greater than 500')	\$210,500.00	\$254,000.00	See attached rigging estimate.	\$109,427.57	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$4,750.00	N/A
Sub-total	\$381,100.00	\$419,442.76	N/A	\$267,620.33	N/A
Total for all systems	\$2,539,939.00	\$1,988,591.81	N/A	\$1,139,830.48	N/A

Components

Actual Information	
Description	File Name



Minor tower reinforcement /modifications	<div> <b>Component Description:</b> Reinforcement Installation, Materials, Installment #2, </div> <div> <b>Amount:</b> \$70,481.46 </div>
	<div> <b>Component Description:</b> Final installment </div> <div> <b>Amount:</b> \$9,552.30 </div>
	<div> <b>Component Description:</b> 50% deposit with order </div> <div> <b>Amount:</b> \$73,409.00 </div>
Tall Tower (greater than 500')	<div> <b>Component Description:</b> Final installment </div> <div> <b>Amount:</b> \$10,216.10 </div>
	<div> <b>Component Description:</b> Antenna Installation and Rigging, Installment #2 </div> <div> <b>Amount:</b> \$44,703.34 </div>
	<div> <b>Component Description:</b> 50% deposit due on order </div> <div> <b>Amount:</b> \$54,508.13 </div>
Structural engineering tower load study for well documented tower	<div> <b>Component Description:</b> Structural Analysis and Report </div> <div> <b>Amount:</b> \$4,750.00 </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
<b>Outside Professional Services</b>	<b>\$59,624.00</b>	<b>\$56,300.00</b>		<b>\$27,846.00</b>	
Project management of the transition	\$27,334.00	\$25,950.00	N/A	\$24,596.00	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	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$1,500.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,750.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$59,624.00	\$56,300.00	N/A	\$27,846.00	N/A
<b>Total for all systems</b>	\$2,539,939.00	\$1,988,591.81	N/A	\$1,139,830.48	N/A

## Components

Actual Information		
Description	File Name	
Project management of the transition	<b>Component Description:</b>	Project management services 6/30/18 through 7/27/18
	<b>Amount:</b>	\$825.00
	<b>Component Description:</b>	Project management services 08.2018
	<b>Amount:</b>	\$150.00
	<b>Component Description:</b>	Project management services 10.2018
	<b>Amount:</b>	\$50.00
	<b>Component Description:</b>	Project management services 07.2018
	<b>Amount:</b>	\$350.00
	<b>Component Description:</b>	Project management services 11.2018
	<b>Amount:</b>	\$180.00
	<b>Component Description:</b>	Project management services 1.1.19 through 1.31.19
	<b>Amount:</b>	\$225.00

<b>Component Description:</b>	Project management services 12.2018
<b>Amount:</b>	\$275.00

<b>Component Description:</b>	Project management services 9.29.18 through 10.26.18
<b>Amount:</b>	\$1,300.00

<b>Component Description:</b>	Project management services 3.2.19 through 3.29.19 - various items
<b>Amount:</b>	\$5,350.00

<b>Component Description:</b>	Form 387 Transition Plan, item 4 from invoice summary
<b>Amount:</b>	\$150.00

<b>Component Description:</b>	Form 399 amendment, item 3 from invoice summary
<b>Amount:</b>	\$525.00

<b>Component Description:</b>	Project management services, item 1 from invoice summary
<b>Amount:</b>	\$1,875.00

<b>Component Description:</b>	Project management services - various
<b>Amount:</b>	\$8,466.00

<b>Component Description:</b>	Project Management for Structural Analysis and Tower Modifications. Services 1/1/18 through 1/26/18.
<b>Amount:</b>	\$2,025.00

<b>Component Description:</b>	Vendor has issued a revised invoice.
<b>Amount:</b>	(\$1,050.00)

<b>Component Description:</b>	Project management services 5/26/18 through 6/29/18
<b>Amount:</b>	\$675.00

<b>Component Description:</b>	Project Management for Structural Analysis and Tower Modifications including consultants Kessler and Gehman Associates. Services from January 27, 2018 through February 23, 2018.
<b>Amount:</b>	\$1,050.00

	<p><b>Component Description:</b> Project Management for Structural Analysis and Tower Modifications. Services 10/27/17 to 12/31/17.</p> <p><b>Amount:</b> \$2,175.00</p>
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	<p><b>Component Description:</b> Special Temporary Authority, item 2 from invoice summary</p> <p><b>Amount:</b> \$1,500.00</p>
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.

Perform engineering study for new channel assignment and antenna development	<p><b>Component Description:</b></p> <p>Create storyboard, interference study, examine options to increase signal strength, create CP and recalculate ERP if COR changed, transition plan document, create 399, coverage maps, &amp; upload draft documents to ASANA.</p> <p><b>Amount:</b></p> <p>\$1,750.00</p>
Prepare and or review reimbursement form	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover 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>\$161,080.00</b>	<b>\$160,515.00</b>		<b>\$32,671.30</b>	
Sales and Use Tax	<i>\$50,000.00</i>	\$50,000.00	Estimated tax on equipment purchases	\$24,101.98	N/A
Equipment Storage	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Local Zoning	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$1,568.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	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

Develop and air announcement of upcoming channel change	<b>\$1,500.00</b>	\$1,500.00	Cost to develop and produce spots and crawls for viewer notification.	N/A	N/A
MVPD Notification of Channel Change	<b>\$2,500.00</b>	\$2,500.00	N/A	\$0.00	N/A
Equipment Delivery and Handling Charges	<b>\$20,000.00</b>	\$20,000.00	Estimated delivery charges	\$7,001.32	N/A
<b>Sub-total</b>	\$161,080.00	\$160,515.00	N/A	\$32,671.30	N/A
<b>Total for all systems</b>	\$2,539,939.00	\$1,988,591.81	N/A	\$1,139,830.48	N/A

## Components

Actual Information	
Description	File Name
Sales and Use Tax	<p><b>Component Description:</b> Tax due on transmitter</p> <p><b>Amount:</b> \$24,101.98</p>
Equipment Storage	Information not provided.
Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
DTV Medical Facility Notification	<p><b>Component Description:</b> Notification of medical facilities</p> <p><b>Amount:</b> \$1,568.00</p>

FCC Filing Fees - Form 2100 license to cover application	Information not provided.								
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.								
Develop and air announcement of upcoming channel change	Information not provided.								
MVPD Notification of Channel Change	Information not provided.								
Equipment Delivery and Handling Charges	<table> <tr> <td><b>Component Description:</b></td><td>Freight only</td></tr> <tr> <td><b>Amount:</b></td><td>\$1,089.32</td></tr> <tr> <td><b>Component Description:</b></td><td>Freight on interim antenna</td></tr> <tr> <td><b>Amount:</b></td><td>\$5,912.00</td></tr> </table>	<b>Component Description:</b>	Freight only	<b>Amount:</b>	\$1,089.32	<b>Component Description:</b>	Freight on interim antenna	<b>Amount:</b>	\$5,912.00
<b>Component Description:</b>	Freight only								
<b>Amount:</b>	\$1,089.32								
<b>Component Description:</b>	Freight on interim antenna								
<b>Amount:</b>	\$5,912.00								

**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,539,939.00	\$1,988,591.81	\$1,139,830.48

**Reimbursement Status**

Question	Response
The facility has ceased operating on its pre-auction channel.	No
Construction of final facilities or all necessary modifications are complete.	No
All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	

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

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

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

**Elizabeth  
Ryder**  
*General  
Counsel*

05/21/2019

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"> <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>05/21/2019</p>

## Attachments