



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **74137** | Service: **DTV** | Call **WTTE** | Channel: **27 (UHF)**  
ID:  
File **0000028806**  
Number:  
FRN: **0003778925** | Date **04/03**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>COLUMBUS (WTTE-TV) LICENSEE, INC.</b> Doing Business As: COLUMBUS (WTTE-TV) LICENSEE, INC.	Lisa Asher 2000 WEST 41ST STREET BALTIMORE, MD 21211 United States	+1 (410) 662-9688	LAsher@cunninghambroadcasting.com	Corporation

## Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Paul A. Cicelski , Esq .</b> <i>Lerman Senter PLLC</i>	2001 L Street NW Suite 400 Washington, DC 20036 United States	+1 (202) 416-6756	pcicelski@lermansenter.com

**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.	Yes
Briefly describe transition plan	See Exhibit A.

**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	Quantum QDCN2
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 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-40
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	61 kW
	Justification for New Transmitter	Per the manufacturer, the current transmitter cannot be retuned. See Exhibit B.

**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	2 inches
	Length	800.0 feet
	Other Electrical Service	No

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

**Primary  
Transmitter**

**Other Transmitter Cost Not Listed**

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?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	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-30GBH-R O8
Year	2002



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	Top Mount
	Antenna position in stack	Bottom
	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) .....	829.0 kW
	Manufacturer	

Model	TFU-26GBH /VP-R O8
Year	2017
Justification for New Antenna	Current antenna is a single channel antenna that cannot be used for the new post-auction 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

**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?	Yes
	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	Elliptical
	Type	Broadband Panel
	Number of Stations Supported	2
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	598.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	100.0 kW
	Manufacturer	
	Model	TFU-8WB- 1-R
	Year	2017

	Justification for New Antenna	Interim antenna to be used to stay on the air for both WSYX and WTTE while the main antenna undergoes construction for the post-auction channel change.
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## Interim Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	4 1/16 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes
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**Enter a list of RF channel numbers.**

RF Channel Number
27
28

**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	1027 feet per run

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed  
Information not provided.

Auxiliary  
Transmission Line

Add Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	Backup
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	865 feet per run

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID	Call Sign
56549	WSYX



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Auxiliary Transmission Line	Other Transmission Line Expenses Not Listed
Information not provided.	

**Tower  
Equipment  
And  
Rigging  
Costs**

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

**Primary  
Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	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	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1011933
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	39° 56' 14.0" N-
	Longitude (NAD83)	083° 01' 16.0" W-
	Overall Structure Height	1033.45 feet
	Support Structure Height	1000.64 feet
	Ground Elevation Above Mean Sea Level (AMSL)	713.90 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	Sinclair Communications, LLC
	Date Constructed	10/11/1993

**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
56549	WSYX	DTV
20758	WUFM	FM
10929	WHKC	FM

#### Other Types of Users

Users
3 LPFM stations
Amateur Radio

#### 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:	Major Reinforcements needed

#### Primary Tower

#### Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra

<b>Helicopter Services Required</b>	Are helicopter services required?	No
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**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	470
	Explanation	Outside consulting engineering, legal work, and accounting services, as well as project management for regional and comprehensive repack execution.
<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	2
	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	2
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

**Outside Other Professional Services Expenses Not Listed**  
**Professional Services Costs** 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	Yes
	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



<b>Other Expenses</b>	<b>Other Expenses Not Listed</b>
	Information not provided.

## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Primary Transmitter THU9evo-40</b>	<b>\$3,356,800.00</b>	<b>\$2,068,636.03</b>		<b>\$1,066,365.93</b>	
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,741,000.00	N/A	\$1,038,140.93	Item "\$689,315.92" and "\$208,883.60" should be removed.
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$20,800.00	\$20,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$236,336.03	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$28,225.00	N/A
<b>Sub-total</b>	<b>\$3,356,800.00</b>	<b>\$2,068,636.03</b>	<b>N/A</b>	<b>\$1,066,365.93</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$5,090,426.00</b>	<b>\$3,899,502.03</b>	<b>N/A</b>	<b>\$1,475,125.69</b>	<b>N/A</b>

## Components

Actual Information	
Description	File Name
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	<b>Component Description:</b> Transmitter cost, 25% down. #9500074881
	<b>Amount:</b> \$241,428.12
	<b>Component Description:</b> Transmitter cost, 75% final. #9500085384
	<b>Amount:</b> \$796,712.81
	<b>Component Description:</b> 75% balance. #9500085384
	<b>Amount:</b> \$689,315.92
	<b>Component Description:</b> 25% down payment. #9500074881
	<b>Amount:</b> \$208,883.60
Switchgear - industrial 800 amp	Information not provided.
Transformer 3 phase/480v - 300 KVA	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.

UHF - Liquid Cooled Solid  
State Transmitter 35 - 50  
kW

**Component Description:**

Transmitter  
downpayment.  
#9500074881

**Amount:**

\$208,111.03

**Component Description:**

Transmitter related  
cost. #6181

**Amount:**

\$28,225.00

## 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-8WB-1-R</b>	<b>\$221,650.00</b>	<b>\$215,500.00</b>		<b>\$48,376.69</b>	
UHF - High Power, Side Mount, broadband panel, 8 bay,, 100 kW input, directional,, elliptically or circularly polarized	<i>\$98,000.00</i>	\$98,000.00	This is a Widely pre-fill cost that did not correctly populate.	\$41,320.86	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	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	\$7,055.83	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
<b>Primary Antenna TFU-26GBH /VP-R O8</b>	<b>\$308,530.00</b>	<b>\$462,985.00</b>		<b>\$316,480.86</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$444,885.00	See Response to August 11 Inquiry.	\$316,480.86	The second item should be deleted.
<b>Sub-total</b>	<b>\$530,180.00</b>	<b>\$678,485.00</b>	<b>N/A</b>	<b>\$364,857.55</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$5,090,426.00</b>	<b>\$3,899,502.03</b>	<b>N/A</b>	<b>\$1,475,125.69</b>	<b>N/A</b>

## Components

**Actual Information  
Description**

**File Name**

<p>UHF - High Power, Side Mount, broadband panel, 8 bay,, 100 kW input, directional,, elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="722 174 1029 248"><b>Component Description:</b> <b>Amount:</b></td><td data-bbox="1161 174 1318 248">Antenna cost \$51,664.00</td></tr> <tr> <td data-bbox="722 353 1029 427"><b>Component Description:</b> <b>Amount:</b></td><td data-bbox="1161 353 1355 506">Total amount reduced by 20.02%. #24888 \$41,320.86</td></tr> </table>	<b>Component Description:</b> <b>Amount:</b>	Antenna cost \$51,664.00	<b>Component Description:</b> <b>Amount:</b>	Total amount reduced by 20.02%. #24888 \$41,320.86
<b>Component Description:</b> <b>Amount:</b>	Antenna cost \$51,664.00				
<b>Component Description:</b> <b>Amount:</b>	Total amount reduced by 20.02%. #24888 \$41,320.86				
<p>Sweep test of existing antenna</p>	<p>Information not provided.</p>				
<p>New combiner, cost per channel (without antenna)</p>	<p>Information not provided.</p>				
<p>Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)</p>	<table> <tr> <td data-bbox="722 871 1029 945"><b>Component Description:</b> <b>Amount:</b></td><td data-bbox="1161 871 1355 1023">Total amount reduced by 20.02%. #25005 \$7,055.83</td></tr> <tr> <td data-bbox="722 1128 1029 1202"><b>Component Description:</b> <b>Amount:</b></td><td data-bbox="1161 1128 1366 1240">Antennas - elbow complex. \$8,822.00</td></tr> </table>	<b>Component Description:</b> <b>Amount:</b>	Total amount reduced by 20.02%. #25005 \$7,055.83	<b>Component Description:</b> <b>Amount:</b>	Antennas - elbow complex. \$8,822.00
<b>Component Description:</b> <b>Amount:</b>	Total amount reduced by 20.02%. #25005 \$7,055.83				
<b>Component Description:</b> <b>Amount:</b>	Antennas - elbow complex. \$8,822.00				
<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<p>Information not provided.</p>				
<p>Sweep test of existing antenna</p>	<p>Information not provided.</p>				
<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<p>Information not provided.</p>				

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<b>Component Description:</b>		Antenna related cost reduced by 20.02%. #272014
	<b>Amount:</b>		\$339,395.13
	<b>Component Description:</b>		UHF High Power Antenna related cost reduced by 20.02%.
	<b>Amount:</b>		\$316,480.86



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
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Auxiliary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$0.00	\$0.00	N/A	\$0.00	N/A
Total for all systems	\$5,090,426.00	\$3,899,502.03	N/A	\$1,475,125.69	N/A

Components

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	\$854,600.00	\$816,000.00		\$16,000.00	
Structural engineering tower load study for well documented tower	\$12,600.00	\$16,000.00	Updated cost of estimated amount per FCC requirement.	\$16,000.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Sub-total	\$854,600.00	\$816,000.00	N/A	\$16,000.00	N/A
Total for all systems	\$5,090,426.00	\$3,899,502.03	N/A	\$1,475,125.69	N/A

Components

Actual Information	
Description	File Name

Structural engineering tower load study for well documented tower	<table> <tr> <td data-bbox="722 174 1026 208"><b>Component Description:</b></td><td data-bbox="1161 174 1377 246">Engineering structural analysis.</td></tr> <tr> <td data-bbox="722 257 829 291"><b>Amount:</b></td><td data-bbox="1161 257 1281 291">\$8,000.00</td></tr> <tr> <td data-bbox="722 398 1026 432"><b>Component Description:</b></td><td data-bbox="1161 398 1321 470">50% balance. #174784</td></tr> <tr> <td data-bbox="722 481 829 515"><b>Amount:</b></td><td data-bbox="1161 481 1281 515">\$8,000.00</td></tr> </table>	<b>Component Description:</b>	Engineering structural analysis.	<b>Amount:</b>	\$8,000.00	<b>Component Description:</b>	50% balance. #174784	<b>Amount:</b>	\$8,000.00
<b>Component Description:</b>	Engineering structural analysis.								
<b>Amount:</b>	\$8,000.00								
<b>Component Description:</b>	50% balance. #174784								
<b>Amount:</b>	\$8,000.00								
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.								
Major tower reinforcement /modifications	Information not provided.								

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$220,150.00</b>	<b>\$208,250.00</b>		<b>\$24,152.21</b>	
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	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
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$4,597.50	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,190.00	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
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$221.92	N/A
Project management of the transition	\$74,260.00	\$70,500.00	N/A	\$14,671.80	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,470.99	Third item should be removed as we've revised the amount.
<b>Sub-total</b>	\$220,150.00	\$208,250.00	N/A	\$24,152.21	N/A
<b>Total for all systems</b>	\$5,090,426.00	\$3,899,502.03	N/A	\$1,475,125.69	N/A

## Components

Actual Information	
Description	File Name
Comprehensive coverage verification via field study, if needed	Information not provided.

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
NEPA Section 106 environmental review, if needed	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Perform engineering study for new channel assignment and antenna development	<p><b>Component Description:</b> Consulting engineering cost.</p> <p><b>Amount:</b> \$4,597.50</p>
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<p><b>Component Description:</b> Consulting engineering cost.</p> <p><b>Amount:</b> \$2,190.00</p>

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<div> <div> <b>Component Description:</b> </div> <div> Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289 </div> </div> <div> <b>Amount:</b> </div> <div> \$122.00 </div>
	<div> <div> <b>Component Description:</b> </div> <div> Portion of general repack matter invoice attributable to this station - divided by 98 stations. #461759 </div> </div> <div> <b>Amount:</b> </div> <div> \$99.92 </div>
Project management of the transition	<div> <div> <b>Component Description:</b> </div> <div> Portion of general repack matter invoice attributable to this station - divided by 98 stations. #463567 </div> </div> <div> <b>Amount:</b> </div> <div> \$566.48 </div>
	<div> <div> <b>Component Description:</b> </div> <div> Legal services cost. #460528 </div> </div> <div> <b>Amount:</b> </div> <div> \$632.10 </div>



<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #453686
<b>Amount:</b>	\$943.95

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #461759
<b>Amount:</b>	\$29.98

<b>Component Description:</b>	Legal Service Cost #465189
<b>Amount:</b>	\$177.50

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #463026
<b>Amount:</b>	\$801.57

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
<b>Amount:</b>	\$20.91

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
<b>Amount:</b>	\$43.72

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 99 stations. #468718
<b>Amount:</b>	\$349.51

<b>Component Description:</b>	Legal services cost. #460936
<b>Amount:</b>	\$115.60

<b>Component Description:</b>	Legal services cost. #463580
<b>Amount:</b>	\$136.40

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #467378
<b>Amount:</b>	\$576.96

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #465173
<b>Amount:</b>	\$654.26

<b>Component Description:</b>	Legal services cost. #469589
<b>Amount:</b>	\$376.25

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. Previous balance of invoice #453686.
<b>Amount:</b>	\$999.04

<b>Component Description:</b>	Legal services cost. #467392
<b>Amount:</b>	\$182.50

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #1090
<b>Amount:</b>	\$176.70

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1078
<b>Amount:</b>	\$215.68

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #453972
<b>Amount:</b>	\$716.28

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1045
<b>Amount:</b>	\$185.10

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
<b>Amount:</b>	\$955.89

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #466690
<b>Amount:</b>	\$446.87

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #1012
<b>Amount:</b>	\$20.64

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1055
<b>Amount:</b>	\$243.38

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 100 stations. #1093
<b>Amount:</b>	\$269.71

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #464321
<b>Amount:</b>	\$683.07

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
<b>Amount:</b>	\$20.65

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #465001
<b>Amount:</b>	\$596.30

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1079
<b>Amount:</b>	\$177.14

<b>Component Description:</b>	Legal Service Cost. #466704
<b>Amount:</b>	\$57.50

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 99 stations. #1086
<b>Amount:</b>	\$275.35

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #457851
<b>Amount:</b>	\$818.59

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
<b>Amount:</b>	\$32.35

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #1032
<b>Amount:</b>	\$43.71

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289
<b>Amount:</b>	\$91.50

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1039
<b>Amount:</b>	\$30.47

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #1010
<b>Amount:</b>	\$86.88

<b>Component Description:</b>	Legal Service Cost. #467909
<b>Amount:</b>	\$120.00

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #457331
<b>Amount:</b>	\$836.44



<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1063
<b>Amount:</b>	\$262.29

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. Previous balance of invoice #1012.
<b>Amount:</b>	\$86.88

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1069
<b>Amount:</b>	\$246.68

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
<b>Amount:</b>	\$731.71

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #467861
<b>Amount:</b>	\$470.30

<b>Component Description:</b>	Legal services cost. #464704
<b>Amount:</b>	\$475.00

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations.
<b>Amount:</b>	\$912.82

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1072
<b>Amount:</b>	\$237.64

<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1058
<b>Amount:</b>	\$187.24

**Component Description:**

Portion of general  
repack matter  
invoice  
attributable to this  
station - divided  
by 98 stations.

#1051

**Amount:**

\$105.97

Prepare and or review  
reimbursement form

**Component Description:** Portion of general  
repack matter  
invoice  
attributable to this  
station - divided  
by 93 stations.  
#461289  
**Amount:** \$1,311.48

**Component Description:** Removed interest  
accrued from total  
amount. #461799  
**Amount:** \$138.20

**Component Description:** Portion of general  
repack matter  
invoice  
attributable to this  
station - divided  
by 98 stations.  
#461759  
**Amount:** \$869.30

**Component Description:** Legal services  
cost. #461799  
**Amount:** \$142.35

**Component Description:** Portion of general  
repack matter  
invoice  
attributable to this  
station - divided  
by 93 stations.  
**Amount:** \$152.01

## 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>\$128,696.00</b>	<b>\$128,131.00</b>		<b>\$3,750.00</b>	
Local Zoning	<i>\$20,000.00</i>	\$20,000.00	See Exhibit J.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Non-zoning permits	<i>\$10,000.00</i>	\$10,000.00	See Exhibit J.	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$28,566.00</i>	\$28,566.00	See Response to August 11 Inquiry.	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$10,000.00</i>	\$10,000.00	See Exhibit J.	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,750.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	See Exhibit J.	N/A	N/A

Develop and air announcement of upcoming channel change	<b>\$28,050.00</b>	\$28,050.00	See Response to August 11 Inquiry.	N/A	N/A
Equipment Storage	<b>\$15,000.00</b>	\$15,000.00	See Exhibit J.	N/A	N/A
<b>Sub-total</b>	\$128,696.00	\$128,131.00	N/A	\$3,750.00	N/A
<b>Total for all systems</b>	\$5,090,426.00	\$3,899,502.03	N/A	\$1,475,125.69	N/A

## Components

Actual Information Description	File Name
Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
Non-zoning permits	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
DTV Medical Facility Notification	<b>Component Description:</b> Medical notification. #1077 <b>Amount:</b> \$3,750.00
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
MVPD Notification of Channel Change	Information not provided.

Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$5,090,426.00	\$3,899,502.03	\$1,475,125.69

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



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

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

<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Lisa Asher</b>  <i>Secretary</i>  04/03/2019</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

<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>Lisa Asher</b> <i>Secretary</i></p> <p>04/03/2019</p>

## Attachments