



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **16820** | Service: **DTV** | Call **WABM** | Channel: **20 (UHF)**  
ID: | Sign:  
File **0000028627**  
Number:  
FRN: **0003180684** | Date **06/24**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>BIRMINGHAM (WABM-TV) LICENSEE, INC.</b>	Harvey Arnold 10706	+1 (410) 568-	harnold@sbgvtv. com	Corporation
Doing Business As: <b>BIRMINGHAM (WABM-TV) LICENSEE, INC.</b>	Beaver Dam Road Cockeysville, MD 21030 United States	1500		

## 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>Paul A. Cicelski , Esq .</b> <i>Lerman Senter PLLC</i>	Paul A. Cicelski, Esq. 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
<b>Transmitter Related Expenses</b>	Do you have transmitter related expenses?	Yes

**Primary  
Transmitter**

**Existing Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<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	Quantum 60QXD2
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 kW

**Primary Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	THU9evo-30
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	40.1 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
<b>Electrical Service</b>	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**

Name	Description
Other Costs	Other Costs

**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) .....	855.0 kW

Manufacturer	
Model	TFU- 26DSC-R C170
Year	2002

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**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	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
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Side 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) .....	626.0 kW
Manufacturer		

Model	TFU-26DSC /VP-R C170
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?	Yes

<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**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	16
	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)	200.0 kW
	Manufacturer	
	Model	TFU-16WB- 1-R
Year	2017	

Justification for New Antenna	Interim antenna to be used to stay on the air for both WTTO and WABM 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?	B
	Feed Line Size	8 3/16 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?	Yes

<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.**

<b>RF Channel Number</b>
22
20

**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?

**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	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1220 feet per run

**Primary**      **Other Transmission Line Expenses Not Listed**  
**Transmission**      information not provided.  
**Line**



**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
<b>Existing Tower Description</b>	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?	No
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	Yes
	ASR Number	1226663
<b>Coordinates (NAD83 ( North American Datum of 1983))</b>	Latitude (NAD83)	33° 29' 04.8" N-
	Longitude (NAD83)	086° 48' 25.2" W-
	Overall Structure Height	1102.02 feet
	Support Structure Height	956.03 feet
	Ground Elevation Above Mean Sea Level (AMSL)	946.84 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Towers, LLC.
Date Constructed	07/23/2002

**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
5360	WIAT	DTV
74138	WTTO	DTV
717	WBIQ	DTV
71417	WPYA	FM
5355	WBPT	FM
48724	WZZK-FM	FM
65227	WBHK	FM
6401	WUHT	FM
62278	WERC-FM	FM

**Other Types of Users**

Users
Richardson Br
Low Power TV
United Wireless
Daystar

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DTV America

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**Primary  
Tower**

**Tower Modification Costs**

Section	Question	Response
<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Study needed for tower with candelabra
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

**Primary  
Tower**

**Tower Rigging Costs**

Section	Question	Response
<b>Tower Rigging Costs</b>	Complex Tower	Candelabra
<b>Helicopter Services Required</b>	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	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

**Other Professional Services Expenses Not Listed**

**Outside**

**Professional** Information not provided.

**Services**

**Costs**

**Other Expenses**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<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

**Other  
Expenses**

**Other Expenses Not Listed**

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-30</b>	<b>\$2,516,770.00</b>	<b>\$1,528,600.05</b>		<b>\$644,613.73</b>	
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,434,000.00	N/A	\$641,313.75	N/A
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
Other Costs	<i>\$970.00</i>	\$970.00	Updated cost of the estimated amount per FCC requirement.	\$969.93	N/A

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$2,330.05	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$2,330.05	N/A
<b>Sub-total</b>	\$2,516,770.00	\$1,528,600.05	N/A	\$644,613.73	N/A
<b>Total for all systems</b>	\$3,864,204.00	\$2,825,139.05	N/A	\$731,593.06	N/A

### Components

Actual Information	
Description	File Name
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	<p><b>Component Description:</b> 25% down payment. #9500082402</p> <p><b>Amount:</b> \$147,031.82</p> <p><b>Component Description:</b> Transmitter cost, balance plus tax payment. #9500093191</p> <p><b>Amount:</b> \$494,281.93</p>
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.

Other Costs	<p><b>Component Description:</b> Transmitter related cost. #9890479588</p> <p><b>Amount:</b> \$245.03</p> <p><b>Component Description:</b> Transmitter related cost. #9890479570</p> <p><b>Amount:</b> \$724.90</p>
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<p><b>Component Description:</b> Transmitter related cost. #9898469870</p> <p><b>Amount:</b> \$490.05</p> <p><b>Component Description:</b> Transmitter related cost. #4332</p> <p><b>Amount:</b> \$1,840.00</p>

**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-1-R</b>	<b>\$138,290.00</b>	<b>\$131,400.00</b>		<b>\$58,607.00</b>	
UHF - High Power, Side Mount, broadband panel, 16 bay,, 200 kW input, directional,, elliptically or circularly polarized	<i>\$0.00</i>	\$0.00	WTTO is responsible for 100% of the cost.	\$58,607.00	The above item should be removed. WTTO is responsible for 100% of the cost.
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, broadband, at antenna input, per 8 3/16. feedline (if needed)	\$18,950.00	\$18,000.00	N/A	N/A	N/A

Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
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
<b>Primary Antenna TFU-26DSC /VP-R C170</b>	<b>\$261,298.00</b>	<b>\$258,958.00</b>		<b>\$0.00</b>	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 626 kW input, directional,, elliptically or circularly polarized	<i>\$213,858.00</i>	\$213,858.00	See Response to August 24 Inquiry.	N/A	N/A
<b>Sub-total</b>	\$399,588.00	\$390,358.00	N/A	\$58,607.00	N/A
<b>Total for all systems</b>	\$3,864,204.00	\$2,825,139.05	N/A	\$731,593.06	N/A

## Components

Actual Information	
Description	File Name
UHF - High Power, Side Mount, broadband panel, 16 bay,, 200 kW input, directional,, elliptically or circularly polarized	<p><b>Component Description:</b> Shared antenna cost between WABM and WTTO</p> <p><b>Amount:</b> \$58,607.00</p>
Sweep test of existing antenna	Information not provided.

New combiner, cost per channel (without antenna)	Information not provided.
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Sweep test of existing antenna	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 626 kW input, directional,, elliptically or circularly polarized	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
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
<b>Sub-total</b>	\$0.00	\$0.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$3,864,204.00	\$2,825,139.05	N/A	\$731,593.06	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
<b>Primary Tower GTOWER</b>	<b>\$599,000.00</b>	<b>\$569,000.00</b>		<b>\$0.00</b>	
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	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
Structural engineering tower load study for a documented tower with candelabra	\$20,000.00	\$19,000.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$599,000.00</b>	<b>\$569,000.00</b>	<b>N/A</b>	<b>\$0.00</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$3,864,204.00</b>	<b>\$2,825,139.05</b>	<b>N/A</b>	<b>\$731,593.06</b>	<b>N/A</b>

**Components**

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>\$209,050.00</b>		<b>\$27,713.33</b>	
Project management of the transition	\$74,260.00	\$70,500.00	N/A	\$18,937.12	N/A
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
Prepare and or review reimbursement form	\$2,630.00	\$3,300.00	Update of estimated cost per FCC requirement.	\$3,259.29	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	\$3,127.50	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,167.50	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 request for Special Temporary Authorization	\$4,100.00	\$3,000.00	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	The \$122.35 line item from August 2017 should be removed due to a requested revision of this invoice by FCC staff.
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
<b>Sub-total</b>	\$220,150.00	\$209,050.00	N/A	\$27,713.33	N/A
<b>Total for all systems</b>	\$3,864,204.00	\$2,825,139.05	N/A	\$731,593.06	N/A

## Components

Actual Information	
Description	File Name
Project management of the transition	

**Component Description:** Legal services  
cost. #473574  
**Amount:** \$370.00

**Component Description:** Portion of general  
repack matter  
invoice  
attributable to this  
station - divided  
by 100 stations.  
#1123  
**Amount:** \$342.14

**Component Description:** Portion of general  
repack matter  
invoice  
attributable to this  
station - divided  
by 100 stations.  
#1114  
**Amount:** \$242.25

**Component Description:** Portion of general  
repack matter  
invoice  
attributable to this  
station - divided  
by 100 stations.  
#1105  
**Amount:** \$216.88

**Component Description:** Portion of general  
repack matter  
invoice  
attributable to this  
station - divided  
by 100 stations.  
#470923  
**Amount:** \$406.65

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 99 stations.  
#469573  
**Amount:** \$377.14

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 100 stations.  
#1111  
**Amount:** \$159.58

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 100 stations.  
#473506  
**Amount:** \$421.40

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 100 stations.  
#470237  
**Amount:** \$436.37

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 100 stations.  
#417524  
**Amount:** \$341.18

**Component Description:** Legal services cost. #473038  
**Amount:** \$212.50

**Component Description:** Legal services cost. #470300  
**Amount:** \$440.00

**Component Description:** Legal services cost. #470890  
**Amount:** \$163.75

**Component Description:** Legal services cost. #472629  
**Amount:** \$163.75

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 100 stations.  
#1099  
**Amount:** \$266.93

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 100 stations.  
#1098  
**Amount:** \$238.07

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 100 stations.  
#1130  
**Amount:** \$281.49

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 100 stations.  
#1117  
**Amount:** \$282.68

**Component Description:** Legal Service  
Cost. #469629  
**Amount:** \$57.50

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



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

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 98 stations.  
#463567  
**Amount:** \$566.48

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 93 stations.  
**Amount:** \$943.95

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

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

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

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

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

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

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

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 93 stations.  
**Amount:** \$999.04

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 98 stations.  
**Amount:** \$105.97

**Component Description:** Legal Service  
Cost. #467432  
**Amount:** \$62.50

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

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 93 stations.  
**Amount:** \$818.59

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 93 stations.  
**Amount:** \$91.76

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

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

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

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

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

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

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 93 stations.  
**Amount:** \$836.44

**Component Description:** Legal Service  
Cost. #465229  
**Amount:** \$310.00

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

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

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 98 stations.  
**Amount:** \$185.10

**Component Description:** Legal Service Cost. #467940  
**Amount:** \$57.50

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

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

**Component Description:** Legal Service  
Cost. #464401  
**Amount:** \$442.90

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

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 93 stations.  
**Amount:** \$86.88

**Component Description:** Legal Service  
Cost. #466744  
**Amount:** \$302.50

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

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

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

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 93 stations.  
**Amount:** \$716.28

**Component Description:** Portion of general repack matter invoice attributable to this station - divided by 98 stations.  
**Amount:** \$30.47



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.												
Prepare and or review reimbursement form	<table> <tr> <td><b>Component Description:</b></td> <td>Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289</td> </tr> <tr> <td><b>Amount:</b></td> <td>\$1,311.48</td> </tr> <tr> <td><b>Component Description:</b></td> <td>Legal services cost. #460896</td> </tr> <tr> <td><b>Amount:</b></td> <td>\$173.10</td> </tr> <tr> <td><b>Component Description:</b></td> <td>Legal services cost.</td> </tr> <tr> <td><b>Amount:</b></td> <td>\$172.50</td> </tr> </table>	<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289	<b>Amount:</b>	\$1,311.48	<b>Component Description:</b>	Legal services cost. #460896	<b>Amount:</b>	\$173.10	<b>Component Description:</b>	Legal services cost.	<b>Amount:</b>	\$172.50
<b>Component Description:</b>	Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289												
<b>Amount:</b>	\$1,311.48												
<b>Component Description:</b>	Legal services cost. #460896												
<b>Amount:</b>	\$173.10												
<b>Component Description:</b>	Legal services cost.												
<b>Amount:</b>	\$172.50												

	<p><b>Component Description:</b> Portion of general repack matter invoice attributable to this station - divided by 93 stations.</p> <p><b>Amount:</b> \$1,315.27</p> <p><b>Component Description:</b> Portion of general repack matter invoice attributable to this station - divided by 93 stations.</p> <p><b>Amount:</b> \$152.01</p> <p><b>Component Description:</b> Legal services cost. #461815</p> <p><b>Amount:</b> \$580.90</p> <p><b>Component Description:</b> Portion of general repack matter invoice attributable to this station - divided by 98 stations. #461759</p> <p><b>Amount:</b> \$869.30</p>
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Perform engineering study for new channel assignment and antenna development	<p><b>Component Description:</b> Consulting engineering cost.</p> <p><b>Amount:</b> \$3,127.50</p>

<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<p><b>Component Description:</b> Consulting engineering cost.</p> <p><b>Amount:</b> \$2,167.50</p>
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>
<p>Prepare request for Special Temporary Authorization</p>	<p>Information not provided.</p>
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p><b>Component Description:</b> Portion of general repack matter invoice attributable to this station - divided by 93 stations.</p> <p><b>Amount:</b> \$122.35</p> <p><b>Component Description:</b> Portion of general repack matter invoice attributable to this station - divided by 98 stations. #461759</p> <p><b>Amount:</b> \$99.92</p> <p><b>Component Description:</b> Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289</p> <p><b>Amount:</b> \$122.00</p>
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>

**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>\$659.00</b>	
Equipment Delivery and Handling Charges	<i>\$10,000.00</i>	\$10,000.00	See Exhibit J.	\$659.00	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	<i>\$28,050.00</i>	\$28,050.00	See Response to August 24 Inquiry.	N/A	N/A
Equipment Storage	<i>\$15,000.00</i>	\$15,000.00	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 24 Inquiry.	N/A	N/A
Non-zoning permits	<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	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Local Zoning	<i>\$20,000.00</i>	\$20,000.00	See Exhibit J.	N/A	N/A
<b>Sub-total</b>	\$128,696.00	\$128,131.00	N/A	\$659.00	N/A
<b>Total for all systems</b>	\$3,864,204.00	\$2,825,139.05	N/A	\$731,593.06	N/A

## Components

Actual Information Description	File Name
Equipment Delivery and Handling Charges	<p><b>Component Description:</b> Delivery related cost. #99443888652</p> <p><b>Amount:</b> \$659.00</p>
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
DTV Medical Facility Notification	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

FCC Filing Fees - Special Temporary Authorization request	Information not provided.
Local Zoning	Information not provided.

**Cost Information** **Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$3,864,204.00	\$2,825,139.05	\$731,593.06

**Reimbursement Status**

<b>Question</b>	<b>Response</b>
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
	<p><b>Submission of Estimated Expenses Statements</b></p>	<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 data-bbox="750 772 1045 1176">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 data-bbox="750 1198 1029 1444">2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li data-bbox="750 1467 1037 1758">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.

**Lucy  
Rutishauser**  
*CFO*

06/24/2019

Certification	Section	Question	Response
	<p><b>Submission of Actual Cost Documentation Statements</b></p>	<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.

8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

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.

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

**Lucy  
Rutishauser**  
*CFO*

06/24/2019

## Attachments