



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **59442** | Service: **DTV** | Call **WMAR-TV** | Channel: **27 (UHF)**  
ID: | Sign:  
File **0000027252**  
Number:  
FRN: **0002710192** | Date **03/03**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>SCRIPPS BROADCASTING HOLDINGS LLC</b>	David Giles 312 WALNUT STREET 28TH FLOOR CINCINNATI, OH 45202 United States	+1 (513) 977-3000	DAVE.GILES@SCRIPPS.COM	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>Ray Thurber</b> <i>Vice President Engineering</i> <i>SCRIPPS BROADCASTING HOLDINGS LLC</i>	Ray Thurber 312 Walnut St. Cincinnati, OH 45202 United States	+1 (248) 827-9202	ray.thurber@scripps.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.	No
Briefly describe transition plan	WMAR will replace its existing Ch. 38 main and auxiliary antennas (which are channel specific) with new Ch. 27 antennas and replace its existing main and auxiliary Ch. 38 transmitters (which cannot be retuned) with new Ch. 27 transmitters.

**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	PWR-90-D3
	Year	2004
	Type	Inductive Output Tube
	IOT Power Type	Three
	Power Capacity	90.0 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	ULXTE100
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	62.9 kW
	Justification for New Transmitter	Current transmitter is no longer supported by the manufacturer except for maintenance. Available parts are in very limited supply and in some cases are no longer available. Manufacturer says it cannot be re-tuned.

**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	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Necessary conduit, wiring and fuse disconnects as quoted by electrical contractor.
<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

**Auxiliary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	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	Top
	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- 20GTH-R O4
Year	2004

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**Auxiliary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	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
<b>New Antenna Manufacturer and Types</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/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) .....	850.0 kW
Manufacturer		

Model	TFU-22JIT-R O4
Year	2019
Justification for New Antenna	Existing auxiliary antenna is a coaxial slot antenna that is channel specific and cannot be reused on the new channel.

**Auxiliary 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?	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 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

**Auxiliary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**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	Top
	Polarization	Elliptical
	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-26GTH /VP-R O6
Year	2009

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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?	No
	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
<b>New Antenna Manufacturer and Types</b>	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) .....	822.0 kW
Manufacturer		

Model	TFU-28GTH /VP-R O6
Year	2019
Justification for New Antenna	Existing main antenna is a coaxial slot antenna that is channel specific and cannot be reused on the new 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?	Broadband
	Feed Line Size	7 3/16 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**

<b>Name</b>	<b>Description</b>
<b>Pedestal Mount for Main Antenna</b>	Pedestal is needed for the antenna to keep the same RC height of the antenna.
<b>Maryland Sales Tax</b>	Maryland Sales Tax on Antenna Expenses
<b>Feed Through Components</b>	Additional line components necessary to route line from antenna input through support structure of candelabra tower.
<b>Pole Mount for Aux Antenna</b>	Pole mount is necessary to mount new auxiliary antenna inverted on the candelabra platform.



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	7 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1080 feet per run

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

Name	Description
<b>Maryland Sales Tax</b>	Maryland Sales Tax on Transmission Line Expenses
<b>Transmission Line Alteration</b>	Horizontal Run of transmission line will need to be replaced. Current segment lengths are not proper for the new channel. Some additional footage will be necessary to get to the new transmitter location.

**Auxiliary Transmission Line**      **Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	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
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	Dielectric
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1

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Length
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1023 feet per run
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**Auxiliary  
Transmission  
Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
Transmisison Line Alteration	Horizontal Run of transmission line will need to be replaced. Current segment lengths are not proper for the new channel. Some additional footage will be necessary to get to the new transmitter location.

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**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	Owned
	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?	Yes
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	Yes
	ASR Number	1035558
<b>Coordinates (NAD83 ( North American Datum of 1983))</b>	Latitude (NAD83)	39° 20' 05.0" N-
	Longitude (NAD83)	076° 39' 02.0" W-
	Overall Structure Height	997.36 feet
	Support Structure Height	889.10 feet
	Ground Elevation Above Mean Sea Level (AMSL)	318.24 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	Television Tower Inc
Date Constructed	08/26/1964

**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
28637	WLIF	FM
25455	WJZ-TV	DTV
74196	WWMX	FM
65696	WBAL-TV	DTV
65693	WIYY	FM

**Other Types of Users**

Users
Land Mobile

**Primary  
Tower**

**Tower Modification Costs**

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower

<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Minor Reinforcements needed
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**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?	Yes

**Primary Tower**

**Other Tower Expenses Not Listed**

Name	Description
<b>Maryland Sales Tax</b>	Maryland Sales Tax on Tower Expenses
<b>PE Review of Rigging Plan</b>	Professional Engineering review of proposed rigging plan as required by ANSI /ASEE A10.48 and ANSI/TIA 322 standards.

**Outside Professional Services Costs**

Section	Question	Response
<p><b>Outside Project Management Services</b></p>	<p>Do you require outside project management services?</p>	<p>Yes</p>
	<p>Number of Hours</p>	<p>595</p>
	<p>Explanation</p>	<p>Project manager needed to manage all work at transmitter site required to transition to new channel (both the main and interim facilities). With the size of the current engineering staff, WMAR cannot spare personnel to ensure these tasks are completed.</p>
<p><b>Outside RF consulting Engineering Services</b></p>	<p>Perform engineering study for new channel assignment and antenna development</p>	<p>Yes</p>
	<p>Prepare engineering section of Form FCC Construction Permit Application</p>	<p>Yes</p>
	<p>For Auxiliary Facility</p>	<p>Yes</p>
	<p>For Main Facility</p>	<p>Yes</p>
	<p>Prepare engineering section of Form FCC License to Cover Application</p>	<p>Yes</p>
	<p>For Auxiliary Facility</p>	<p>Yes</p>

	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	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	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	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

**Other Professional Services Expenses Not Listed**

**Outside Professional Services Costs**

<b>Name</b>	<b>Description</b>
<b>Maryland Sales Tax</b>	Maryland Sales Tax on Professional Services Expenses
<b>Site Survey</b>	GatesAir performed a site survey to access changes to facility as necessary to transition to new channel including, power and HVAC requirements, available transmitter room space and existing antenna and transmission line RF characteristics at new channel.

**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	No
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	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?	No
	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**

<b>Name</b>	<b>Description</b>
<b>Maryland Sales Tax</b>	Maryland Sales Tax on Other Expenses
<b>Employee Time</b>	Time needed by Scripps corporate and WMAR employees to work on the transition to a new channel.
<b>In-Building Deconstruction</b>	Work necessary to disassemble and remove existing transmitter, beam supplies, step starts, heat exchangers and mask filter.

**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 ULXTE100</b>	<b>\$1,724,237.00</b>	<b>\$1,720,537.00</b>		<b>\$545,749.67</b>	
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	<i>\$1,636,937.00</i>	\$1,636,937.00	N/A	\$545,749.67	N/A
Other Electrical Service: Necessary conduit, wiring and fuse disconnects as quoted by electrical contractor.	<i>\$12,300.00</i>	\$12,300.00	N/A	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$1,724,237.00</b>	<b>\$1,720,537.00</b>	<b>N/A</b>	<b>\$545,749.67</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$3,849,438.86</b>	<b>\$3,788,873.86</b>	<b>N/A</b>	<b>\$925,279.77</b>	<b>N/A</b>

**Components**

Actual Information	
Description	File Name

<p>UHF - Liquid Cooled Solid State Transmitter 62.9 kW</p>	<p><b>Component Description:</b> Dollar amount per the invoice</p> <p><b>Amount:</b> \$545,749.67</p>
<p>Other Electrical Service: Necessary conduit, wiring and fuse disconnects as quoted by electrical contractor.</p>	<p>Information not provided.</p>
<p>Transformer 3 phase/480v - 300 KVA</p>	<p>Information not provided.</p>
<p>Switchgear - industrial 800 amp</p>	<p>Information not provided.</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>Primary Antenna TFU-28GTH /VP-R O6</b>	<b>\$439,218.00</b>	<b>\$423,538.00</b>		<b>\$131,772.60</b>	
Pole Mount for Aux Antenna	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Feed Through Components	<i>\$23,500.00</i>	\$23,500.00	N/A	\$10,536.75	N/A
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	\$16,850.00	\$16,000.00	N/A	\$5,572.35	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$2,880.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$275,000.00	N/A	\$112,783.50	N/A
Pedestal Mount for Main Antenna	<i>\$50,000.00</i>	\$50,000.00	N/A	N/A	N/A

Maryland Sales Tax	<b>\$37,638.00</b>	\$37,638.00	N/A	N/A	N/A
<b>Auxiliary Antenna TFU-22JIT-R O4</b>	<b>\$253,730.00</b>	<b>\$241,400.00</b>		<b>\$87,326.08</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$235,000.00	N/A	\$87,326.08	N/A
<b>Sub-total</b>	<b>\$692,948.00</b>	<b>\$664,938.00</b>	<b>N/A</b>	<b>\$219,098.68</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$3,849,438.86</b>	<b>\$3,788,873.86</b>	<b>N/A</b>	<b>\$925,279.77</b>	<b>N/A</b>

## Components

Actual Information	
Description	File Name
Pole Mount for Aux Antenna	Information not provided.
Feed Through Components	<p><b>Component Description:</b> "WMAR-TV-210-Primary Antenna - Feed Through Components"</p> <p><b>Amount:</b> \$10,536.75</p>
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	<p><b>Component Description:</b> WMAR-TV-210-Primary Antenna - 7 3/16" Broadband Elbow Complex</p> <p><b>Amount:</b> \$5,572.35</p>

Sweep test of existing antenna	<p><b>Component Description:</b> WMAR-TV-210-Primary Antenna - Sweep Test</p> <p><b>Amount:</b> \$2,880.00</p>
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<p><b>Component Description:</b> ANTENNA - UHF HIGH POWER TOP MOUNT</p> <p><b>Amount:</b> \$112,783.50</p>
Pedestal Mount for Main Antenna	Information not provided.
Maryland Sales Tax	Information not provided.
Sweep test of existing antenna	Information not provided.
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<p><b>Component Description:</b> Design a Special /Custom Mount for specified Appurtenance(s)</p> <p><b>Amount:</b> \$2,000.00</p> <p><b>Component Description:</b> 1st installment</p> <p><b>Amount:</b> \$85,326.08</p> <p><b>Component Description:</b> 2nd installment, see other attachment for 1st installment, plus quote and change order</p> <p><b>Amount:</b> \$85,326.08</p>



**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
<b>Primary Transmission Line</b>	<b>\$133,798.13</b>	<b>\$133,798.13</b>		<b>\$71,528.79</b>	
Maryland Sales Tax	<i>\$6,624.00</i>	\$6,624.00	N/A	N/A	N/A
Transmission Line Alteration	<i>\$127,174.13</i>	\$127,174.13	Please see Dielectric quote 1220003, Dielectric change order 1697824, Scripps purchase order 3003042720, and WMAR Budget Distribution Justification; all costs were distributed equally as per WMAR station engineer instructions	\$71,528.79	N/A
<b>Auxiliary Transmission Line</b>	<b>\$127,174.13</b>	<b>\$127,174.13</b>		<b>\$66,505.91</b>	

Transmisison Line Alteration	<b>\$127,174.13</b>	\$127,174.13	Please see Dielectric quote 1220003, Dielectric change order 1697824, Scripps purchase order 3003042720, and WMAR Budget Distribution Justification; all costs were distributed equally as per WMAR station engineer instructions	\$66,505.91	N/A
<b>Sub-total</b>	\$260,972.26	\$260,972.26	N/A	\$138,034.70	N/A
<b>Total for all systems</b>	\$3,849,438.86	\$3,788,873.86	N/A	\$925,279.77	N/A

### Components

Actual Information	
Description	File Name
Maryland Sales Tax	Information not provided.

Transmission Line  
Alteration

**Component Description:** T/L 7-75 EIA 240.00  
EHT  
**Amount:** \$27,328.13

**Component Description:** FREIGHT,  
SHIPPING, AND  
HANDLING  
**Amount:** \$384.32

**Component Description:** FREIGHT,  
SHIPPING, AND  
HANDLING  
**Amount:** \$898.64

**Component Description:** RIGID  
TRANSMISSION  
LINE  
**Amount:** \$37,510.50

**Component Description:** WMAR-TV-310-  
Primary  
Transmission Line -  
Transmission Line  
Alteration  
**Amount:** \$5,407.20

Transmisison Line  
Alteration

**Component Description:** WMAR-TV-350-  
Auxiliary  
Transmission Line -  
Transmission Line  
Alteration  
**Amount:** \$27,328.12

**Component Description:** WMAR-TV-350-  
Auxiliary  
Transmission Line -  
Transmission Line  
Alteration  
**Amount:** \$768.65

**Component Description:** WMAR-TV-350-  
Auxiliary  
Transmission Line -  
Transmission Line  
Alteration  
**Amount:** \$898.64

**Component Description:** WMAR-TV-350-  
Auxiliary  
Transmission Line -  
Transmission Line  
Alteration  
**Amount:** \$37,510.50

**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>\$678,750.00</b>	<b>\$648,450.00</b>		<b>\$1,791.00</b>	
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$1,791.00	N/A
Tower Helicopter Lift	<i>\$25,000.00</i>	\$25,000.00	For uncertainty surrounding whether or not WMAR will be able to share lift cost with WBAL and WJZ. Currently, WMAR has been assigned Phase 8 and WBAL and WJZ assigned Phase 9. WMAR will be applying for STA to change to Phase 9.	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

Maryland Sales Tax	<i>\$40,950.00</i>	\$40,950.00	N/A	N/A	N/A
PE Review of Rigging Plan	<i>\$7,500.00</i>	\$7,500.00	N/A	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$678,750.00	\$648,450.00	N/A	\$1,791.00	N/A
<b>Total for all systems</b>	\$3,849,438.86	\$3,788,873.86	N/A	\$925,279.77	N/A

## Components

Actual Information	
Description	File Name
Minor tower reinforcement /modifications	<p><b>Component Description:</b> complete 308 Flash head including tube (used)</p> <p><b>Amount:</b> \$1,791.00</p>
Tower Helicopter Lift	Information not provided.
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.
Maryland Sales Tax	Information not provided.
PE Review of Rigging Plan	Information not provided.

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Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study

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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>\$182,854.00</b>	<b>\$184,904.00</b>		<b>\$20,605.72</b>	
Site Survey	<i>\$16,900.00</i>	\$16,900.00	N/A	N/A	N/A
Maryland Sales Tax	<i>\$8,079.00</i>	\$8,079.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - 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



RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	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
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	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
Project management of the transition	\$94,010.00	\$99,675.00	Per Widelity Strategic Support Quote	\$20,605.72	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$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	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$182,854.00	\$184,904.00	N/A	\$20,605.72	N/A
<b>Total for all systems</b>	\$3,849,438.86	\$3,788,873.86	N/A	\$925,279.77	N/A

## Components

<b>Actual Information</b>	
<b>Description</b>	<b>File Name</b>
Site Survey	Information not provided.
Maryland Sales Tax	Information not provided.
RF Exposure Measurements	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.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Perform engineering study for new channel assignment and antenna development	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Project management of the transition	

**Component Description:** 387  
**Amount:** \$75.00

**Component Description:** Project  
Management  
**Amount:** \$2,883.45

**Component Description:** Project  
Management  
**Amount:** \$1,883.95

**Component Description:** Project  
Management  
**Amount:** \$36.05

**Component Description:** Project  
Management  
**Amount:** \$64.95

**Component Description:** Project  
Management  
**Amount:** \$305.30

**Component Description:** Project  
Management  
**Amount:** \$2,941.65

**Component Description:** Project  
Management  
**Amount:** \$3,745.80

**Component Description:** Project  
Management  
**Amount:** \$13.30

	<b>Component Description:</b> Project Management <b>Amount:</b> \$4,401.40
	<b>Component Description:</b> Project Management <b>Amount:</b> \$2,112.70
	<b>Component Description:</b> WMAR MARCH ON-SITE MEETINGS <b>Amount:</b> \$1,954.67
	<b>Component Description:</b> FCC Repack <b>Amount:</b> \$187.50
Prepare and or review reimbursement form	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License 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>\$309,677.60</b>	<b>\$309,072.60</b>		<b>\$0.00</b>	
In-Building Deconstruction	<i>\$8,000.00</i>	\$8,000.00	N/A	N/A	N/A
Employee Time	<i>\$124,747.60</i>	\$124,747.60	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$2,500.00</i>	\$2,500.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	N/A	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 - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$100,000.00</i>	\$100,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Maryland Sales Tax	<i>\$6,240.00</i>	\$6,240.00	N/A	N/A	N/A
<b>Sub-total</b>	\$309,677.60	\$309,072.60	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$3,849,438.86	\$3,788,873.86	N/A	\$925,279.77	N/A

## Components

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>	\$3,849,438.86	\$3,788,873.86	\$925,279.77

**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>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.

**Sravan Reddy ,  
Reddy .**  
*Senior  
Director,  
General  
Accounting*

03/03/2020

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.

**Sravan Reddy ,  
Reddy .**  
*Senior  
Director,  
General  
Accounting*

03/03/2020

## Attachments