



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **59442** | Service: **DTV** | Call **WMAR-TV** | Channel: **27 (UHF)**  
ID:  
File **0000027252**  
Number:  
FRN: **0002710192** | Date **02/11**  
Submitted: **/2021**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>SCRIPPS BROADCASTING HOLDINGS LLC</b> Doing Business As: SCRIPPS BROADCASTING HOLDINGS LLC	David Giles C/O SCRIPPS MEDIA, INC. 312 WALNUT ST., 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> <b>SCRIPPS BROADCASTING HOLDINGS LLC</b>	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
Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	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?	No
	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**

Name	Description
Primary Transmitter - Other Expenses	Primary Transmitter - Other Expenses

**Antennas**

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

## Auxiliary Antenna

### Existing Antenna Information

Section	Question	Response
Existing Antenna Description	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
Existing Antenna Manufacturer and Type	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



## Auxiliary Antenna

### New Antenna Costs

Section	Question	Response
New Antenna Description	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
New Antenna Manufacturer and Types	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-22JIH-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?	
	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	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?	

<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**

Name	Description
<b>Auxiliary Antenna - Loaner Antenna</b>	Loaner antenna required to keep WMAR-TV on air while replacement auxiliary antenna was being repaired by manufacturer.

**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

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?	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
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	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>Maryland Sales Tax</b>	Maryland Sales Tax on Antenna Expenses
<b>Pedestal Mount for Main Antenna</b>	Pedestal is needed for the antenna to keep the same RC height of the antenna.
<b>Pole Mount for Aux Antenna</b>	Pole mount is necessary to mount new auxiliary antenna inverted on the candelabra platform.
<b>Feed Through Components</b>	Additional line components necessary to route line from antenna input through support structure of candelabra tower.



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

Transmission Line Name	Description
Transmission 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.
Maryland Sales Tax	Maryland Sales Tax on Transmission Line Expenses

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

Transmission Line Section	Question	Response
Existing Transmission Line Description	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
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	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.

**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Primary  
Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	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
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1035558
Coordinates (NAD83 (North American Datum of 1983))	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
25455	WJZ-TV	DTV
74196	WWMX	FM
65696	WBAL-TV	DTV
65693	WIYY	FM
28637	WLIF	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>Ice Bridge</b>	Ice Bridge required for repack equipment
<b>Primary Tower Structural Analysis</b>	Structural Analysis required for repack
<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.
<b>Existing Primary Tower - Tower Safety Prep Work</b>	Existing Primary Tower - Tower Safety Prep Work

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	595
	Explanation	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.
<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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes

	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

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
<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?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
Employee Time	Time needed by Scripps corporate and WMAR employees to work on the transition to a new channel.
In-Building Deconstruction	Work necessary to disassemble and remove existing transmitter, beam supplies, step starts, heat exchangers and mask filter.
Liability Insurance	Insurance needed for the helicopter replacement of the antennas of the shared tower
VSWR Testing	VSWR Testing
Maryland Sales Tax	Maryland Sales Tax on Other Expenses
Site Security	Site Security

## 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>\$1,803,798.01</b>	<b>\$1,800,098.01</b>		<b>\$1,728,544.93</b>	
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	N/A	N/A
Primary Transmitter - Other Expenses	<i>\$2,597.00</i>	\$2,597.00	Please see Calvert Mechanical quote dated 1-24-20	\$2,597.00	N/A
Other Electrical Service: Necessary conduit, wiring and fuse disconnects as quoted by electrical contractor.	<i>\$57,503.00</i>	\$57,503.00	Estimated Cost Justification WMAR-TV-110-1st Primary Transmitter - Other Electrical Service V0	\$57,250.00	N/A
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	<i>\$1,668,698.01</i>	\$1,668,698.01	Please see Estimated Cost Justification WMAR-TV-110-1st Primary Transmitter - UHF Liquid Cooled Solid State, 62.9 kW v0	\$1,668,697.93	N/A

Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
<b>Sub-total</b>	\$1,803,798.01	\$1,800,098.01	N/A	\$1,728,544.93	N/A
<b>Total for all systems</b>	\$4,116,119.19	\$4,074,143.97	N/A	\$3,112,375.51	N/A

## Components

Actual Information		
Description	File Name	
Transformer 3 phase/480v - 300 KVA	Information not provided.	
Primary Transmitter - Other Expenses	<b>Component Description:</b> <b>Amount:</b>	Core Drill Holes \$2,597.00
Other Electrical Service: Necessary conduit, wiring and fuse disconnects as quoted by electrical contractor.	<b>Component Description:</b> <b>Amount:</b>	Electrical Panel & Wiring \$21,547.00
	<b>Component Description:</b> <b>Amount:</b>	ELECTRICAL WORK \$34,748.00
	<b>Component Description:</b> <b>Amount:</b>	Electrical Panel & Wiring \$955.00

UHF - Liquid Cooled Solid State Transmitter 62.9 kW	<div> <b>Component Description:</b> Transmitter  <b>Amount:</b> \$497,936.31 </div>
	<div> <b>Component Description:</b> Dollar amount per the invoice  <b>Amount:</b> \$545,749.67 </div>
	<div> <b>Component Description:</b> ULXTE-100 Transmitter  <b>Amount:</b> \$104,872.17 </div>
	<div> <b>Component Description:</b> Transmitter  <b>Amount:</b> \$520,139.78 </div>
Switchgear - industrial 800 amp	Information not provided.

## 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>\$302,662.00</b>	
Feed Through Components	<i>\$23,500.00</i>	\$23,500.00	N/A	\$23,415.00	N/A
Pole Mount for Aux Antenna	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Pedestal Mount for Main Antenna	<i>\$50,000.00</i>	\$50,000.00	N/A	\$9,834.00	N/A
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	\$16,850.00	\$16,000.00	N/A	\$12,383.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	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	\$250,630.00	N/A

Maryland Sales Tax	<b>\$37,638.00</b>	\$37,638.00	N/A	\$0.00	N/A
<b>Auxiliary Antenna TFU-22JIH-R O4</b>	<b>\$299,036.25</b>	<b>\$283,104.25</b>		<b>\$199,475.91</b>	
Auxiliary Antenna - Loaner Antenna	<b>\$31,406.25</b>	\$31,406.25	Please see Dielectric LLC order confirmation 1932163	\$23,704.25	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$235,000.00	N/A	\$159,073.66	N/A
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	\$13,900.00	\$10,298.00	Please see Dielectric order confirmation 1282002	\$10,298.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
<b>Sub-total</b>	<b>\$738,254.25</b>	<b>\$706,642.25</b>	<b>N/A</b>	<b>\$502,137.91</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$4,116,119.19</b>	<b>\$4,074,143.97</b>	<b>N/A</b>	<b>\$3,112,375.51</b>	<b>N/A</b>

## Components

Actual Information Description	File Name
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Feed Through Components	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> "WMAR-TV-210- Primary Antenna - Feed Through Components" \$10,536.75 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> WMAR-TV-210- Primary Antenna - Feed Through Components \$2,341.50 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> WMAR-TV-210- Primary Antenna - Feed Through Components \$10,536.75 </div> </div>
Pole Mount for Aux Antenna	Information not provided.
Pedestal Mount for Main Antenna	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Design structural modifications as required by structural analysis \$8,334.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Perform a Structural Analysis \$1,500.00 </div> </div>

Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	<div> <b>Component Description:</b> <div>WMAR-TV-210- Primary Antenna - 7 3/16" Broadband Elbow Complex</div> </div> <div> <b>Amount:</b> <div>\$5,572.35</div> </div>
	<div> <b>Component Description:</b> <div>WMAR-TV-210- Primary Antenna - 7 3/16" Broadband Elbow Complex</div> </div> <div> <b>Amount:</b> <div>\$1,238.30</div> </div>
	<div> <b>Component Description:</b> <div>WMAR-TV-210- Primary Antenna - 7 3/16" Broadband Elbow Complex</div> </div> <div> <b>Amount:</b> <div>\$5,572.35</div> </div>
Sweep test of existing antenna	<div> <b>Component Description:</b> <div>WMAR-TV-210- Primary Antenna - Sweep Test</div> </div> <div> <b>Amount:</b> <div>\$2,880.00</div> </div>
	<div> <b>Component Description:</b> <div>WMAR-TV-210- Primary Antenna - Sweep Test</div> </div> <div> <b>Amount:</b> <div>\$640.00</div> </div>
	<div> <b>Component Description:</b> <div>WMAR-TV-210- Primary Antenna - Sweep Test</div> </div> <div> <b>Amount:</b> <div>\$2,880.00</div> </div>

<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="707 98 1114 398"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1114 98 1428 398"> <p>ANTENNA - UHF HIGH POWER TOP MOUNT \$112,783.50</p> </td></tr> <tr> <td data-bbox="707 398 1114 676"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1114 398 1428 676"> <p>ANTENNA - UHF HIGH POWER TOP MOUNT \$112,783.50</p> </td></tr> <tr> <td data-bbox="707 676 1114 902"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1114 676 1428 902"> <p>Antenna -UHF High Power Top Mount \$25,063.00</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>ANTENNA - UHF HIGH POWER TOP MOUNT \$112,783.50</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>ANTENNA - UHF HIGH POWER TOP MOUNT \$112,783.50</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Antenna -UHF High Power Top Mount \$25,063.00</p>
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>ANTENNA - UHF HIGH POWER TOP MOUNT \$112,783.50</p>						
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>ANTENNA - UHF HIGH POWER TOP MOUNT \$112,783.50</p>						
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Antenna -UHF High Power Top Mount \$25,063.00</p>						
<p>Maryland Sales Tax</p>	<p>Information not provided.</p>						
<p>Auxiliary Antenna - Loaner Antenna</p>	<table> <tr> <td data-bbox="707 981 1114 1265"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1114 981 1428 1265"> <p>Loaner antenna TFU-8WB-R C160 White \$23,704.25</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Loaner antenna TFU-8WB-R C160 White \$23,704.25</p>				
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Loaner antenna TFU-8WB-R C160 White \$23,704.25</p>						

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<b>Component Description:</b> antenna	
	<b>Amount:</b> \$1,735.46	
	<b>Component Description:</b> ANTENNA - UHF HIGH POWER TOP MOUNT	
	<b>Amount:</b> \$60,743.92	
	<b>Component Description:</b> ELBOW 6-75 DIGIT 90 DEG 9 X 18	
	<b>Amount:</b> \$9,268.20	
	<b>Component Description:</b> 2nd installment, see other attachment for 1st installment, plus quote and change order	
	<b>Amount:</b> \$85,326.08	
	<b>Component Description:</b> 1st installment	
	<b>Amount:</b> \$85,326.08	
	<b>Component Description:</b> Design a Special /Custom Mount for specified Appurtenance(s)	
	<b>Amount:</b> \$2,000.00	

<p>Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)</p>	<table> <tr> <td data-bbox="699 87 1145 280"><b>Component Description:</b></td><td data-bbox="1145 87 1428 280">WMAR-TV-250-Auxiliary Antenna - Elbow complex</td></tr> <tr> <td data-bbox="699 280 1145 369"><b>Amount:</b></td><td data-bbox="1145 280 1428 369">\$1,029.80</td></tr> <tr> <td data-bbox="699 369 1145 562"><b>Component Description:</b></td><td data-bbox="1145 369 1428 562">WMAR-TV-250-Auxiliary Antenna - Elbow complex</td></tr> <tr> <td data-bbox="699 562 1145 645"><b>Amount:</b></td><td data-bbox="1145 562 1428 645">\$9,268.20</td></tr> </table>	<b>Component Description:</b>	WMAR-TV-250-Auxiliary Antenna - Elbow complex	<b>Amount:</b>	\$1,029.80	<b>Component Description:</b>	WMAR-TV-250-Auxiliary Antenna - Elbow complex	<b>Amount:</b>	\$9,268.20
<b>Component Description:</b>	WMAR-TV-250-Auxiliary Antenna - Elbow complex								
<b>Amount:</b>	\$1,029.80								
<b>Component Description:</b>	WMAR-TV-250-Auxiliary Antenna - Elbow complex								
<b>Amount:</b>	\$9,268.20								
<p>Sweep test of existing antenna</p>	<table> <tr> <td data-bbox="699 645 1145 837"><b>Component Description:</b></td><td data-bbox="1145 645 1428 837">WMAR-TV-250-Auxiliary Antenna - Sweep Test</td></tr> <tr> <td data-bbox="699 837 1145 927"><b>Amount:</b></td><td data-bbox="1145 837 1428 927">\$5,760.00</td></tr> <tr> <td data-bbox="699 927 1145 1120"><b>Component Description:</b></td><td data-bbox="1145 927 1428 1120">WMAR-TV-250-Auxiliary Antenna - Sweep Test</td></tr> <tr> <td data-bbox="699 1120 1145 1193"><b>Amount:</b></td><td data-bbox="1145 1120 1428 1193">\$640.00</td></tr> </table>	<b>Component Description:</b>	WMAR-TV-250-Auxiliary Antenna - Sweep Test	<b>Amount:</b>	\$5,760.00	<b>Component Description:</b>	WMAR-TV-250-Auxiliary Antenna - Sweep Test	<b>Amount:</b>	\$640.00
<b>Component Description:</b>	WMAR-TV-250-Auxiliary Antenna - Sweep Test								
<b>Amount:</b>	\$5,760.00								
<b>Component Description:</b>	WMAR-TV-250-Auxiliary Antenna - Sweep Test								
<b>Amount:</b>	\$640.00								

**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>\$121,706.11</b>	
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	\$121,706.11	N/A
Maryland Sales Tax	<i>\$6,624.00</i>	\$6,624.00	N/A	N/A	N/A
<b>Auxiliary Transmission Line</b>	<b>\$127,174.13</b>	<b>\$127,174.13</b>		<b>\$110,656.66</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	\$110,656.66	N/A
<b>Sub-total</b>	\$260,972.26	\$260,972.26	N/A	\$232,362.77	N/A
<b>Total for all systems</b>	\$4,116,119.19	\$4,074,143.97	N/A	\$3,112,375.51	N/A

## Components

Actual Information	
Description	File Name
Transmission Line Alteration	<p><b>Component Description:</b> Other Trans Test 7-75</p> <p><b>Amount:</b> \$2,396.25</p> <p><b>Component Description:</b> Transmission Line Rigid Copper</p> <p><b>Amount:</b> \$6,503.40</p>

<b>Component Description:</b>	Transmission Line Rigid - Copper
<b>Amount:</b>	\$760.00

<b>Component Description:</b>	MD Sales Tax Invoice 814011
<b>Amount:</b>	\$373.68

<b>Component Description:</b>	TRANSMISSION LINE RIGID
<b>Amount:</b>	\$8,160.00

<b>Component Description:</b>	TRANSMISSION LINE RIGID
<b>Amount:</b>	\$6,228.00

<b>Component Description:</b>	WMAR-TV-310- Primary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$5,407.20

<b>Component Description:</b>	Gas Stop 7-75 EIA H-PWR W/O SCALLOP INS
<b>Amount:</b>	\$3,756.60

<b>Component Description:</b>	MD Sales Tax Invoice 806007
<b>Amount:</b>	\$390.20

<b>Component Description:</b>	FREIGHT, SHIPPING, AND HANDLING
<b>Amount:</b>	\$898.64



<b>Component Description:</b>	HANGER VERT SPRING 7 3/16 COAX
<b>Amount:</b>	\$9,585.00
<b>Component Description:</b>	T/L 7-75 EIA 240.00 EHT
<b>Amount:</b>	\$27,328.13
<b>Component Description:</b>	FREIGHT, SHIPPING, AND HANDLING
<b>Amount:</b>	\$384.32
<b>Component Description:</b>	MD Sales Tax Invoice 89001
<b>Amount:</b>	\$225.39
<b>Component Description:</b>	WMAR-TV-310- Primary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$5,407.20
<b>Component Description:</b>	WMAR-TV-310- Primary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$1,201.60
<b>Component Description:</b>	Transmission line rigid-copper
<b>Amount:</b>	\$5,190.00

	<div> <div>Component Description:</div> <div>RIGID TRANSMISSION LINE</div> </div> <div> <div>Amount:</div> <div>\$37,510.50</div> </div>
Maryland Sales Tax	Information not provided.
Transmisison Line Alteration	<div> <div>Component Description:</div> <div>WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration</div> </div> <div> <div>Amount:</div> <div>\$2,396.25</div> </div> <div> <div>Component Description:</div> <div>WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration</div> </div> <div> <div>Amount:</div> <div>\$9,585.00</div> </div> <div> <div>Component Description:</div> <div>WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration</div> </div> <div> <div>Amount:</div> <div>\$9,553.95</div> </div> <div> <div>Component Description:</div> <div>WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration</div> </div> <div> <div>Amount:</div> <div>\$390.20</div> </div> <div> <div>Component Description:</div> <div>MD Sales Tax</div> </div> <div> <div>Amount:</div> <div>\$206.22</div> </div>

<b>Component Description:</b>	WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$6,503.40

<b>Component Description:</b>	WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$373.68

<b>Component Description:</b>	MD Sales Tax Invoice 815003
<b>Amount:</b>	\$240.84

<b>Component Description:</b>	WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$6,228.00

<b>Component Description:</b>	WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$3,756.60

<b>Component Description:</b>	WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$384.32

<b>Component Description:</b>	WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$1,061.54

<b>Component Description:</b>	Transmission Line Rigid Copper
<b>Amount:</b>	\$4,014.00

<b>Component Description:</b>	WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$37,510.50

<b>Component Description:</b>	WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$225.40

<b>Component Description:</b>	WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$898.64

<b>Component Description:</b>	WMAR-TV-350- Auxiliary Transmission Line - Transmission Line Alteration
<b>Amount:</b>	\$27,328.12

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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 GTOWER	\$776,137.33	\$745,837.33		\$425,378.59	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$280,434.75	N/A
PE Review of Rigging Plan	<i>\$7,500.00</i>	\$7,500.00	N/A	\$6,000.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$53,458.51	N/A
Maryland Sales Tax	<i>\$40,950.00</i>	\$40,950.00	N/A	N/A	N/A

Tower Helicopter Lift	<b>\$25,000.00</b>	\$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
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

Ice Bridge	<b>\$12,250.00</b>	\$12,250.00	Please see attached Vertical Technology Systems Quote 1902-MD - cost split evenly between Ice Bridge and Tower Rigging categories.	\$9,750.00	N/A
Existing Primary Tower - Tower Safety Prep Work	<b>\$78,137.33</b>	\$78,137.33	Per Estimated Cost Justification WMAR-TV-410- Existing Primary Tower - Tower Safety Prep Work v0	\$68,735.33	N/A
Primary Tower Structural Analysis	<b>\$7,000.00</b>	\$7,000.00	Please see Estimated Cost Justification WMAR-TV-410- Existing Primary Tower - Structural Analysis v0	\$7,000.00	N/A
<b>Sub-total</b>	<b>\$776,137.33</b>	<b>\$745,837.33</b>	N/A	<b>\$425,378.59</b>	N/A
<b>Total for all systems</b>	<b>\$4,116,119.19</b>	<b>\$4,074,143.97</b>	N/A	<b>\$3,112,375.51</b>	N/A

## Components

Actual Information Description	File Name
Complex Tower (includes,	

for example, those with  
candelabras and/or stacked  
antennas)

<b>Component Description:</b>	WMAR-TV-410- Existing Primary Tower - Tower Rigging, Complex Tower
<b>Amount:</b>	\$49,926.00
<b>Component Description:</b>	Customer Deposit for Repack Interim TV Antenna System
<b>Amount:</b>	\$48,680.00
<b>Component Description:</b>	Weather Delay
<b>Amount:</b>	\$7,000.00
<b>Component Description:</b>	WMAR-TV-410- Existing Primary Tower - Tower Rigging, Complex Tower - \$2,500.00
<b>Amount:</b>	\$2,500.00
<b>Component Description:</b>	Tower Services - MD
<b>Amount:</b>	\$68,173.75
<b>Component Description:</b>	Tower Services - MD
<b>Amount:</b>	\$34,005.00
<b>Component Description:</b>	Install transmission lines, install new ice bridge
<b>Amount:</b>	\$7,250.00



	<b>Component Description:</b> Tower Services - MD <b>Amount:</b> \$62,900.00
PE Review of Rigging Plan	<b>Component Description:</b> Tower Services <b>Amount:</b> \$2,500.00  <b>Component Description:</b> WMAR-TV-410-Existing Primary Tower - Professional Engineer Review of Tower Rigging Plan <b>Amount:</b> \$3,500.00
Minor tower reinforcement /modifications	<b>Component Description:</b> Modification Materials / Split 3 ways <b>Amount:</b> \$14,174.99  <b>Component Description:</b> Tower Services - MD <b>Amount:</b> \$21,800.00  <b>Component Description:</b> Modification Materials / Split 3 Ways <b>Amount:</b> \$15,692.52  <b>Component Description:</b> complete 308 Flash head including tube (used) <b>Amount:</b> \$1,791.00
Maryland Sales Tax	Information not provided.

Tower Helicopter Lift	Information not provided.	
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.	
Ice Bridge	<b>Component Description:</b>  <b>Amount:</b>	SOW: Repack: Install transmission lines, install new ice bridge \$2,500.00
	<b>Component Description:</b>  <b>Amount:</b>	"WMAR-TV-410- Existing Primary Tower - Ice Bridge \$7,250.00" \$7,250.00
Existing Primary Tower - Tower Safety Prep Work	<b>Component Description:</b>  <b>Amount:</b>	One-third portion of concrete \$9,402.00
	<b>Component Description:</b>  <b>Amount:</b>	One-third portion of scaffolding for repack. \$59,333.33
	<b>Component Description:</b>  <b>Amount:</b>	Invoice already FFP under WJZ- TV N/A

Primary Tower Structural Analysis	<b>Component Description:</b>	Perform a Structural Analysis for referenced project.
	<b>Amount:</b>	\$4,000.00
	<b>Component Description:</b>	Perform a structural analysis
	<b>Amount:</b>	\$3,000.00

## 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>\$207,095.78</b>		<b>\$137,081.11</b>	
Site Survey	<i>\$16,900.00</i>	\$16,900.00	N/A	\$1,150.00	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	\$15,097.91	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$15,097.91	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$244.33	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
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$795.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,500.00	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$7,500.00	N/A
Project management of the transition	\$94,010.00	\$110,193.87	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$110,193.87	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,575.00	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$1,575.00	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	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$225.00	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	\$300.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$182,854.00	\$207,095.78	N/A	\$137,081.11	N/A
<b>Total for all systems</b>	\$4,116,119.19	\$4,074,143.97	N/A	\$3,112,375.51	N/A

## Components

Actual Information	
Description	File Name
Site Survey	<p><b>Component Description:</b> WMAR-TV-610-Transmitter Site Survey</p> <p><b>Amount:</b> \$1,150.00</p>
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	<div> <b>Component Description:</b> Legal Services Rendered         </div> <div> <b>Amount:</b> \$175.66         </div>
	<div> <b>Component Description:</b> One-third portion of legal services         </div> <div> <b>Amount:</b> \$1,694.66         </div>
	<div> <b>Component Description:</b> One-third portion of legal services         </div> <div> <b>Amount:</b> \$2,968.50         </div>
	<div> <b>Component Description:</b> One-third portion of legal services         </div> <div> <b>Amount:</b> \$4,582.43         </div>
	<div> <b>Component Description:</b> One-third portion of legal services         </div> <div> <b>Amount:</b> \$855.00         </div>
	<div> <b>Component Description:</b> One-third portion of legal services rendered         </div> <div> <b>Amount:</b> \$4,821.66         </div>
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	<div> <b>Component Description:</b> One-Third portion of Services rendered         </div> <div> <b>Amount:</b> \$244.33         </div>
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.



Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b>	One-third portion of services rendered
	<b>Amount:</b>	\$150.00
	<b>Component Description:</b>	WMAR-TV-550-Attorney - Construction Permit Application (Main) : \$645.00
	<b>Amount:</b>	\$645.00

Perform engineering study for new channel assignment and antenna development	<b>Component Description:</b>	WMAR - Research on Requirements
	<b>Amount:</b>	\$150.00
	<b>Component Description:</b>	WMAR-TV-530-RF Eng - Engineering Study for New Channel Assignment
	<b>Amount:</b>	\$300.00
	<b>Component Description:</b>	Scope of Services: Project coordination to assist in securing
	<b>Amount:</b>	\$3,000.00
	<b>Component Description:</b>	Preparation of Formal Reduced Power Notification (Letter to Secretary)
	<b>Amount:</b>	\$1,350.00
	<b>Component Description:</b>	SOW: Inventory main and Aux transmission lines from transmitter building
	<b>Amount:</b>	\$2,700.00
Project management of the transition	<b>Component Description:</b>	FOR SERVICES RENDERED
	<b>Amount:</b>	\$150.00
	<b>Component Description:</b>	Preparation of 387
	<b>Amount:</b>	\$75.00

<b>Component Description:</b>	FCC Repack
<b>Amount:</b>	\$300.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,894.70

<b>Component Description:</b>	WMAR January 1- 31 2020
<b>Amount:</b>	\$1,000.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,004.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$15,359.30

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$7,794.05

<b>Component Description:</b>	WMAR January 1- 31, 2019 Anthony Flores
<b>Amount:</b>	\$300.00

<b>Component Description:</b>	FOR SERVICES RENDERED
<b>Amount:</b>	\$150.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$11,980.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,373.45

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$13.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,941.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,442.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,745.80

<b>Component Description:</b>	FOR SERVICES RENDERED
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$36.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$23,029.00

<b>Component Description:</b>	Professional Services
<b>Amount:</b>	\$300.00

<b>Component Description:</b>	WMAR MARCH ON-SITE MEETINGS
<b>Amount:</b>	\$1,954.67

<b>Component Description:</b>	387 Update
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,112.70

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$64.95

<b>Component Description:</b>	FCC Repack
<b>Amount:</b>	\$187.50

<b>Component Description:</b>	Preparation of 387
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,011.20

<b>Component Description:</b>	387
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,883.95

<b>Component Description:</b>	387 Update - 10 Weeks Before Construction Deadline
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	WJZ Baltimore with WBAL
<b>Amount:</b>	\$1,000.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$305.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,123.90

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,401.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,883.45

<p>Prepare request for Special Temporary Authorization</p>	<table> <tr> <td data-bbox="715 174 1023 208"><b>Component Description:</b></td><td data-bbox="1155 174 1369 365">WMAR-TV-530-RF ENG Construction Permit Application : \$300.00</td></tr> <tr> <td data-bbox="715 376 823 409"><b>Amount:</b></td><td data-bbox="1155 376 1254 409">\$900.00</td></tr> <tr> <td data-bbox="715 517 1023 551"><b>Component Description:</b></td><td data-bbox="1155 517 1356 707">WMAR-TV-530-RF Eng - Special Temporary Authorization \$675.00</td></tr> <tr> <td data-bbox="715 719 823 752"><b>Amount:</b></td><td data-bbox="1155 719 1254 752">\$675.00</td></tr> </table>	<b>Component Description:</b>	WMAR-TV-530-RF ENG Construction Permit Application : \$300.00	<b>Amount:</b>	\$900.00	<b>Component Description:</b>	WMAR-TV-530-RF Eng - Special Temporary Authorization \$675.00	<b>Amount:</b>	\$675.00
<b>Component Description:</b>	WMAR-TV-530-RF ENG Construction Permit Application : \$300.00								
<b>Amount:</b>	\$900.00								
<b>Component Description:</b>	WMAR-TV-530-RF Eng - Special Temporary Authorization \$675.00								
<b>Amount:</b>	\$675.00								
<p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application</p>	<p>Information not provided.</p>								
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<table> <tr> <td data-bbox="715 1120 1023 1153"><b>Component Description:</b></td><td data-bbox="1155 1120 1356 1272">Preparation of Application for License to Cover Repack CP</td></tr> <tr> <td data-bbox="715 1283 823 1317"><b>Amount:</b></td><td data-bbox="1155 1283 1254 1317">\$225.00</td></tr> </table>	<b>Component Description:</b>	Preparation of Application for License to Cover Repack CP	<b>Amount:</b>	\$225.00				
<b>Component Description:</b>	Preparation of Application for License to Cover Repack CP								
<b>Amount:</b>	\$225.00								
<p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application</p>	<p>Information not provided.</p>								
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="715 1727 1023 1760"><b>Component Description:</b></td><td data-bbox="1155 1727 1356 1879">WMAR-TV-530-RF Eng - Special Temporary Authorization :</td></tr> <tr> <td data-bbox="715 1924 823 1957"><b>Amount:</b></td><td data-bbox="1155 1890 1254 1957">\$900.00 \$300.00</td></tr> </table>	<b>Component Description:</b>	WMAR-TV-530-RF Eng - Special Temporary Authorization :	<b>Amount:</b>	\$900.00 \$300.00				
<b>Component Description:</b>	WMAR-TV-530-RF Eng - Special Temporary Authorization :								
<b>Amount:</b>	\$900.00 \$300.00								

Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	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>\$354,103.34</b>	<b>\$353,498.34</b>		<b>\$86,870.20</b>	
Equipment Delivery and Handling Charges	<i>\$41,104.39</i>	\$41,104.39	per Estimated Cost Justification WMAR-TV-610-Equipment Delivery and Handling v3	\$41,104.39	N/A
Site Security	<i>\$762.75</i>	\$762.75	Please see WMAR-TV Site Security Budget Revision Justification Letter	\$762.75	N/A
Maryland Sales Tax	<i>\$6,240.00</i>	\$6,240.00	N/A	N/A	N/A
VSWR Testing	<i>\$5,000.00</i>	\$5,000.00	Please see Dielectric order confirmation 1932151	\$0.00	N/A
Liability Insurance	<i>\$10,653.60</i>	\$10,653.60	Please see Estimated Cost Justification WMAR-TV-610-Liability Insurance v0	\$10,653.60	N/A
In-Building Deconstruction	<i>\$8,000.00</i>	\$8,000.00	N/A	N/A	N/A

Employee Time	<b>\$124,747.60</b>	\$124,747.60	N/A	N/A	N/A
MVPD Notification of Channel Change	<b>\$8,555.00</b>	\$8,555.00	Please see Estimated Cost Justification WMAR-TV-610-MVPD Notifications v1	\$8,555.00	N/A
Develop and air announcement of upcoming channel change	<b>\$5,000.00</b>	\$5,000.00	N/A	N/A	N/A
Equipment Storage	<b>\$5,850.00</b>	\$5,850.00	Please see Dielectric Order Confirmation 1697379	\$5,850.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$25,000.00</b>	\$25,000.00	N/A	\$4,761.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$10,614.80	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

FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Non-zoning permits	<b>\$100,000.00</b>	\$100,000.00	N/A	\$4,568.66	N/A
<b>Sub-total</b>	\$354,103.34	\$353,498.34	N/A	\$86,870.20	N/A
<b>Total for all systems</b>	\$4,116,119.19	\$4,074,143.97	N/A	\$3,112,375.51	N/A

## Components

Actual Information	
Description	File Name
Equipment Delivery and Handling Charges	<b>Component Description:</b> Other Freight and Shipping
	<b>Amount:</b> \$3,084.64
	<b>Component Description:</b> TRANSMISSION LINE RIGID
	<b>Amount:</b> \$345.30
	<b>Component Description:</b> WMAR-TV-610-Equipment Delivery and Handling
	<b>Amount:</b> \$3,320.00
	<b>Component Description:</b> Other Freight and Shipping
	<b>Amount:</b> \$675.91
	<b>Component Description:</b> Freight and Shipping
	<b>Amount:</b> \$2,535.55

	<b>Component Description:</b>	Freight and shipping
	<b>Amount:</b>	\$6,032.69
	<b>Component Description:</b>	WMAR-TV-610- Equipment Delivery and Handling
	<b>Amount:</b>	\$8,365.00
	<b>Component Description:</b>	FREIGHT AND SHIPPING
	<b>Amount:</b>	\$643.38
	<b>Component Description:</b>	Other Freight and Shipping
	<b>Amount:</b>	\$719.82
	<b>Component Description:</b>	Freight and Shipping
	<b>Amount:</b>	\$3,006.21
	<b>Component Description:</b>	Freight and Shipping
	<b>Amount:</b>	\$5,998.22
	<b>Component Description:</b>	Freight and Shipping
	<b>Amount:</b>	\$699.97
	<b>Component Description:</b>	Freight and Shipping
	<b>Amount:</b>	\$5,677.70
Site Security	<b>Component Description:</b>	One-third portion of guard services
	<b>Amount:</b>	\$762.75
Maryland Sales Tax	Information not provided.	

VSWR Testing	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Field Service  \$5,000.00 </div> </div>
Liability Insurance	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> WMAR-TV-610-  Liability Insurance  \$6,833.33 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> WMAR-TV-610-  Liability Insurance  \$3,820.27 </div> </div>
In-Building Deconstruction	Information not provided.
Employee Time	Information not provided.
MVPD Notification of Channel Change	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Notification of Cable  and Satellite  \$4,277.50 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> MVPD Notification  Services  \$4,277.50 </div> </div>
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> WMAR-TV-610-  Equipment Storage  \$5,850.00 </div> </div>

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>Component Description:</b>		Vacuum truck and liquid disposal
	<b>Amount:</b>		\$1,811.00
	<b>Component Description:</b>		Per Phase two on June 11 2018 proposal
	<b>Amount:</b>		\$2,950.00
DTV Medical Facility Notification	<b>Component Description:</b>		Notification of Medical Facilities
	<b>Amount:</b>		\$5,307.40
	<b>Component Description:</b>		DTV Notification Service
	<b>Amount:</b>		\$5,307.40
FCC Filing Fees - Form 2100 license to cover application	Information not provided.		
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.		
FCC Filing Fees - Special Temporary Authorization request	Information not provided.		
Non-zoning permits	<b>Component Description:</b>		WMAR-TV-610-Non-Zoning Permits
	<b>Amount:</b>		\$453.00
	<b>Component Description:</b>		Permitting Submittal
	<b>Amount:</b>		\$4,115.66

**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,116,119.19	\$4,074,143.97	\$3,112,375.51

**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> Sravan V Reddy , Reddy .</b>  <i> Senior Director, General Accounting</i></p> <p>02/11/2021</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>Pravan V Reddy , Reddy .</b>  <i>Senior Director, General Accounting</i></p> <p>02/11/2021</p>

## Attachments