

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Date

Facility 59442 Service: DTV Call WMAR-TV Channel: 27 (UHF)

ID:

Sign:

File **0000027252**

Number:

FRN: **0002710192**

04/05

Submitted: /2021

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
SCRIPPS BROADCASTING HOLDINGS LLC 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 Name and Information Reimbursement

Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Ray Thurber Vice President Engineering SCRIPPS BROADCASTING HOLDINGS LLC	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

S Section	Question	Response
Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	PWR-90-D3
	Year	2004
	Туре	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

r	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.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	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

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	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Тор
	Polarization	Horizontal
	Туре	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

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	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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.

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Туре	
	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
Elbow Complex	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
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Other Antenna Cost Not Listed

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

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	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
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Тор
	Polarization	Elliptical
	Туре	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

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	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	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	
		1

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.

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	7 3/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Other Antenna Cost Not Listed

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

Transmission Section Question Response Line Transmission Line Pelated Expenses Do you have transmission line related expenses? Po you have transmission line related expenses?

Existing Transmission Line

Primary	
Transmission	าร
Line	Ŭ

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	Manufacturer	Dielectric
Line Manufacturer and Type	Туре	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

Other Transmission Line Expenses Not Listed

Primary			
Transmissio Line	¹ 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	

Existing Transmission Line

Auxiliary	
Transmission	n _{Se}

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	Manufacturer	Dielectric
Line Manufacturer and Type	Туре	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

Other Transmission Line Expenses Not Listed

Transmission Line	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

Tower Use Primary (Mair Description of Use N/A Description of Use N/A Ownership Owned Is this tower consider Complex? Candelabra Is this tower currently shared with any other stations? One or more FM, AM or TV radio broadcaster(s) Others Types of Users Yes Is tower documented for structural analysis? Yes Is tower compliant with Rev G? Yes Existing Tower Structure Registration ASR Number 1035558 Coordinates (NAD83 (NAD83) 39° 20' 05.0" Coordinates (NAD83) 076° 39' 02.0' W- Overall Structure Height 997.36 feet Support Structure Height 889.10 feet	Section	Question	Response
Tower Use Primary (Mair Description of Use N/A Description of Use N/A Ownership Owned Is this tower consider Complex? Candelabra Is this tower currently shared with any other stations? One or more FM, AM or TV radio broadcaster(s) Others Types of Users Yes Is tower documented for structural analysis? Yes Is tower compliant with Rev G? Yes Existing Tower Structure Registration ASR Number 1035558 Coordinates (NAD83 (North American Datum of 1983)) Longitude (NAD83) 39° 20' 05.0" Overall Structure Height 997.36 feet Support Structure Height 889.10 feet	=	Type of change	Modify Existing
Ownership Ownership Owned Is this tower consider Complex? Is this tower currently shared with any other stations? One or more FM, AM or TV radio broadcaster(s) Others Types of Users Is tower documented for structural analysis? Is tower compliant with Rev G? Existing Tower Structure Registration Coordinates (NAD83 (North American Datum of 1983)) ASR Number Latitude (NAD83) Longitude (NAD83) Overall Structure Height Support Structure Height 889.10 feet	Description	Tower Use	Primary (Main)
Is this tower consider Complex? Is this tower currently shared with any other stations? One or more FM, AM or TV radio broadcaster(s) Others Types of Users Is tower documented for structural analysis? Ves Is tower compliant with Rev G? Existing Tower Structure Registration ASR Number Do you have a tower registration number? ASR Number Coordinates (NAD83 (North American Datum of 1983)) Latitude (NAD83) Coverall Structure Height Support Structure Height Support Structure Height 889.10 feet		Description of Use	N/A
Is this tower currently shared with any other stations? One or more FM, AM or TV radio broadcaster(s) Others Types of Users Is tower documented for structural analysis? Is tower compliant with Rev G? Existing Tower Structure Registration Do you have a tower registration number? ASR Number Coordinates (NAD83 (North American Datum of 1983)) Longitude (NAD83) Overall Structure Height Support Structure Height Support Structure Height Support Structure Height Pes Yes 1035558 Yes Yes ASR Number 1035558 O76° 39' 02.0' W- Overall Structure Height Support Structure Height 889.10 feet		Ownership	Owned
stations? One or more FM, AM or TV radio broadcaster(s) Others Types of Users Is tower documented for structural analysis? Yes Is tower compliant with Rev G? Yes Existing Tower Structure Registration ASR Number 1035558 Coordinates (NAD83 (North American Datum of 1983)) Latitude (NAD83) 39° 20' 05.0" Longitude (NAD83) 076° 39' 02.0' W- Overall Structure Height 997.36 feet Support Structure Height 889.10 feet		Is this tower consider Complex?	Candelabra
broadcaster(s) Others Types of Users Is tower documented for structural analysis? Yes Is tower compliant with Rev G? Existing Tower Structure Registration ASR Number Coordinates (NAD83 (North American Datum of 1983)) Latitude (NAD83) Do you have a tower registration number? ASR Number 1035558 Coordinates (NAD83 (North American Datum of 1983)) Overall Structure Height Support Structure Height 889.10 feet			Yes
Is tower documented for structural analysis? Is tower compliant with Rev G? Yes Existing Tower Structure Registration ASR Number Latitude (NAD83) Latitude (NAD83) Longitude (NAD83) Overall Structure Height Support Structure Height Nes Yes Yes 1035558 Yes Yes Yes Longitude (NAD83) 7035558 O76° 39' 02.0' W- Support Structure Height Support Structure Height 889.10 feet			Yes
Is tower compliant with Rev G? Yes		Others Types of Users	Yes
Existing Tower Structure Registration ASR Number Latitude (NAD83) Longitude (NAD83) Overall Structure Height Support Structure Height Do you have a tower registration number? Yes 1035558 39° 20' 05.0" 076° 39' 02.0' W- Support Structure Height 889.10 feet		Is tower documented for structural analysis?	Yes
Structure Registration ASR Number 1035558 Coordinates (NAD83 (North American Datum of 1983)) Latitude (NAD83) 39° 20′ 05.0″ Longitude (NAD83) 076° 39′ 02.0″ Overall Structure Height 997.36 feet Support Structure Height 889.10 feet		Is tower compliant with Rev G?	Yes
ASR Number 1035558 Coordinates (NAD83 (North American Datum of 1983)) Latitude (NAD83) 39° 20′ 05.0″ Longitude (NAD83) 076° 39′ 02.0″ W- Overall Structure Height 997.36 feet Support Structure Height 889.10 feet	_	Do you have a tower registration number?	Yes
North American Datum of 1983)) Longitude (NAD83) Overall Structure Height Support Structure Height 889.10 feet	Structure Registration	ASR Number	1035558
of 1983)) Longitude (NAD83) 076° 39' 02.0' W- Overall Structure Height 997.36 feet Support Structure Height 889.10 feet		Latitude (NAD83)	39° 20' 05.0" N-
Support Structure Height 889.10 feet		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 318.24 feet (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
65693	WIYY	FM
65696	WBAL-TV	DTV
25455	WJZ-TV	DTV
74196	WWMX	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

Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements
		needed

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra
Helicopter Services Required	Are helicopter services required?	Yes

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Existing Primary Tower - Tower Safety Prep Work	Existing Primary Tower - Tower Safety Prep Work
Primary Tower Structural Analysis	Structural Analysis required for repack
Ice Bridge	Ice Bridge required for repack equipment
PE Review of Rigging Plan	Professional Engineering review of proposed rigging plan as required by ANSI /ASEE A10.48 and ANSI/TIA 322 standards.
Maryland Sales Tax	Maryland Sales Tax on Tower Expenses

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	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.
Outside RF consulting Engineering Services	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
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

Attorney and Other Outside Consulting

Services

RF Field Engineering Services	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

Name	Description
Maryland Sales Tax	Maryland Sales Tax on Professional Services Expenses
Site Survey	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
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	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
Permit and Filing Costs	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
Other Miscellaneous Expenses	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
Primary Transmitter ULXTE100	\$1,803,798.01	\$1,800,098.01		\$1,728,544.93	
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.	\$57,503.00	\$57,503.00	Estimated Cost Justification WMAR-TV- 110-1st Primary Transmitter - Other Electrical Service V0	\$57,250.00	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

Liquid Cooled Cost Solid State Transmitter 62.9 kW Transmitter Cooled Transmitter 62.9 kW Transmitter Cooled Solid State, 62.9 kW v0 Sub-total \$1,803,798.01 \$1,800,098.01 N/A \$1,728,544.93 N/A						
Total for all \$4,336,857.25 \$5,444,132.23 N/A \$4,644,713.91 N/A	Liquid Cooled Solid State Transmitter	\$1,668,698.01	\$1,668,698.01	Estimated Cost Justification WMAR-TV- 110-1st Primary Transmitter - UHF Liquid Cooled Solid State,	\$1,668,697.93	N/A
	Sub-total	\$1,803,798.01	\$1,800,098.01	N/A	\$1,728,544.93	N/A
		\$4,336,857.25	\$5,444,132.23	N/A	\$4,644,713.91	N/A

Components

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

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

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
Primary Antenna TFU-28GTH /VP-R O6	\$439,218.00	\$423,538.00		\$302,662.00	
Pole Mount for Aux Antenna	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Pedestal Mount for Main Antenna	\$50,000.00	\$50,000.00	N/A	\$9,834.00	N/A
Maryland Sales Tax	\$37,638.00	\$37,638.00	N/A	\$0.00	N/A
Feed Through Components	\$23,500.00	\$23,500.00	N/A	\$23,415.00	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
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
Auxiliary Antenna TFU-22JIH- R O4	\$299,036.25	\$283,104.25		\$199,475.91	
Auxiliary Antenna - Loaner Antenna	<i>\$31,406.25</i>	\$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
Sub-total	\$738,254.25	\$706,642.25	N/A	\$502,137.91	N/A
Total for all systems	\$4,336,857.25	\$5,444,132.23	N/A	\$4,644,713.91	N/A

Components

Actual Information Description	File Name
Pole Mount for Aux Antenna	Information not provided.

Pedestal Mount for Main Antenna		
	Component Description:	Perform a
	Amount:	Structural Analysis \$1,500.00
	Amount.	ψ1,300.00
	Component Description:	Design structural
		modifications as
		required by
	A	structural analysis
	Amount:	\$8,334.00
Maryland Sales Tax	Information not provided.	
Feed Through Components		
	Component Description:	WMAR-TV-210-
		Primary Antenna -
		Feed Through
	Amount:	Components \$2,341.50
	Amount:	\$2,341.50
	Component Description:	"WMAR-TV-210-
		Primary Antenna -
		Feed Through
		Components"
	Amount:	\$10,536.75
	Component Description:	WMAR-TV-210-
	p	Primary Antenna -
		Feed Through
		Components
	Amount:	\$10,536.75

UHF - High Power Top Mount (200-1000 kW), One Antenna -UHF **Component Description:** station antenna, elliptically High Power Top or circularly polarized Mount \$25,063.00 Amount: **Component Description:** ANTENNA - UHF **HIGH POWER TOP MOUNT Amount:** \$112,783.50 **Component Description:** ANTENNA - UHF **HIGH POWER TOP MOUNT** Amount: \$112,783.50 Elbow complex, broadband, at antenna input, per 7 3/16. **Component Description:** WMAR-TV-210feedline (if needed) Primary Antenna -7 3/16" Broadband **Elbow Complex** Amount: \$5,572.35 **Component Description:** WMAR-TV-210-Primary Antenna -7 3/16" Broadband **Elbow Complex** Amount: \$1,238.30 WMAR-TV-210-**Component Description:** Primary Antenna -7 3/16" Broadband **Elbow Complex**

Amount:

\$5,572.35

Sweep test of existing antenna		
amonia	Component Description:	WMAR-TV-210-
		Primary Antenna -
		Sweep Test
	Amount:	\$2,880.00
	Component Description:	WMAR-TV-210-
		Primary Antenna -
		Sweep Test
	Amount:	\$640.00
	Component Description:	WMAR-TV-210-
		Primary Antenna -
		Sweep Test
	Amount:	\$2,880.00
Auxiliary Antenna - Loaner		
Antenna	Component Description:	Loaner antenna
		TFU-8WB-R C160
		White
	Amount:	\$23,704.25

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized

Component Description: Design a Special

/Custom Mount for

specified

Appurtenance(s)

Amount: \$2,000.00

Component Description:

Amount:

antenna

\$1,735.46

Component Description: ANTENNA - UHF

HIGH POWER
TOP MOUNT

Amount: \$60,743.92

Component Description:

Amount:

1st installment

\$85,326.08

Component Description: ELBOW 6-75

DIGIT 90 DEG 9 X

18

Amount: \$9,268.20

Component Description: 2nd installment,

see other

attachment for 1st installment, plus quote and change

order

Amount: \$85,326.08

Elbow complex, single channel, at antenna input, **Component Description:** WMAR-TV-250per 7 3/16. feedline (if Auxiliary Antenna needed) Elbow complex \$9,268.20 Amount: **Component Description:** WMAR-TV-250-Auxiliary Antenna -Elbow complex Amount: \$1,029.80 Sweep test of existing antenna **Component Description:** WMAR-TV-250-Auxiliary Antenna -Sweep Test Amount: \$640.00 **Component Description:** WMAR-TV-250-Auxiliary Antenna -Sweep Test \$5,760.00 **Amount:**

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	Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$133,798.13	\$133,798.13		\$121,706.11	
Maryland Sales Tax	\$6,624.00	\$6,624.00	N/A	N/A	N/A
Transmission Line Alteration	\$127,174.13	\$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
Auxiliary Transmission Line	\$127,174.13	\$127,174.13		\$110,656.66	

Transmisison Line	\$127,174.13	\$127,174.13	Please see Dielectric	\$110,656.66	N/A
Alteration			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		
Sub-total	\$260,972.26	\$260,972.26	N/A	\$232,362.77	N/A
Total for all systems	\$4,336,857.25	\$5,444,132.23	N/A	\$4,644,713.91	N/A

Components

Actual Information Description	File Name	
Maryland Sales Tax	Information not provided.	
Transmission Line Alteration	Component Description: Amount:	Transmission Line Rigid - Copper \$760.00
	Component Description: Amount:	Other Trans Test 7- 75 \$2,396.25

Component Description: WMAR-TV-310-

Primary

Transmission Line - Transmission Line

Alteration

Amount: \$5,407.20

Component Description: TRANSMISSION

LINE RIGID

Amount: \$6,228.00

Component Description: FREIGHT,

SHIPPING, AND

HANDLING

Amount: \$898.64

Component Description: MD Sales Tax

Invoice 89001

Amount: \$225.39

Component Description: Transmission Line

Rigid Copper

Amount: \$6,503.40

Component Description: WMAR-TV-310-

Primary

Transmission Line - Transmission Line

Alteration

Amount: \$5,407.20

Component Description: RIGID

TRANSMISSION

LINE

Amount: \$37,510.50

Component Description: HANGER VERT

SPRING 7 3/16

 COAX

Amount: \$9,585.00

Component Description: Gas Stop 7-75 EIA

H-PWR W/O SCALLOP INS

Amount: \$3,756.60

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: TRANSMISSION

LINE RIGID

Amount: \$8,160.00

Component Description: MD Sales Tax

Invoice 814011

Amount: \$373.68

Component Description: WMAR-TV-310-

Primary

Transmission Line - Transmission Line

Alteration

Amount: \$1,201.60

Component Description: MD Sales Tax

Invoice 806007

Amount: \$390.20

Component Description: Transmission line

rigid-copper

Amount:

\$5,190.00

Transmisison Line Alteration

Component Description: WMAR-TV-350-

Auxiliary

Transmission Line -Transmission Line

Alteration

\$3,756.60 Amount:

WMAR-TV-350-**Component Description:**

Auxiliary

Transmission Line -Transmission Line

Alteration

Amount: \$6,228.00

Component Description: WMAR-TV-350-

Auxiliary

Transmission Line -Transmission Line

Alteration

Amount: \$1,061.54

Component Description: WMAR-TV-350-

Auxiliary

Transmission Line -**Transmission Line**

Alteration

Amount: \$9,553.95

Component Description: WMAR-TV-350-

Auxiliary

Transmission Line -Transmission Line

Alteration

\$37,510.50 Amount:

Component Description: WMAR-TV-350-Auxiliary

Transmission Line - Transmission Line

Alteration

Amount: \$390.20

Component Description: MD Sales Tax

Amount: \$206.22

Component Description: WMAR-TV-350-

Auxiliary

Transmission Line - Transmission Line

Alteration

Amount: \$373.68

Component Description: WMAR-TV-350-

Auxiliary

Transmission Line - Transmission Line

Alteration

Amount: \$384.32

Component Description: WMAR-TV-350-

Auxiliary

Transmission Line - Transmission Line

Alteration

Amount: \$27,328.12

Component Description: MD Sales Tax

Invoice 815003

Amount: \$240.84

Component Description: WMAR-TV-350-

Auxiliary

Transmission Line - Transmission Line

Alteration

Amount: \$2,396.25

Component Description: WMAR-TV-350-

Auxiliary

Transmission Line - Transmission Line

Alteration

Amount: \$6,503.40

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: \$225.40

Component Description: WMAR-TV-350-

Auxiliary

Transmission Line - Transmission Line

Alteration

Amount: \$9,585.00

Component Description: Transmission Line

Rigid Copper

Amount: \$4,014.00

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	\$996,875.39	\$2,101,716.39		\$1,936,974.57	
PE Review of Rigging Plan	\$7,500.00	\$7,500.00	N/A	\$6,000.00	N/A
Maryland Sales Tax	\$40,950.00	\$40,950.00	N/A	N/A	N/A
Tower Helicopter Lift	\$245,738.06	\$245,738.06	Please see WMAR Coast to Coast Tower Service Agreement 6.23.20	\$245,738.06	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	\$12,250.00	\$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
Primary Tower Structural Analysis	\$7,000.00	\$7,000.00	Please see Estimated Cost Justification WMAR-TV- 410- Existing Primary Tower - Structural Analysis v0	\$7,000.00	N/A
Existing Primary Tower - Tower Safety Prep Work	\$78,137.33	\$78,137.33	Per Estimated Cost Justification WMAR-TV- 410- Existing Primary Tower - Tower Safety Prep Work v0	\$78,137.33	N/A

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$1,535,141.00	Please see Estimated Cost Justification WMAR-TV- 410- Existing Primary Tower - Tower Rigging, Complex Tower v0	\$1,532,641.69	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$57,707.49	N/A
Sub-total	\$996,875.39	\$2,101,716.39	N/A	\$1,936,974.57	N/A
Total for all systems	\$4,336,857.25	\$5,444,132.23	N/A	\$4,644,713.91	N/A

Components

Actual Information Description	File Name	
PE Review of Rigging Plan		
	Component Description: Amount:	WMAR-TV-410- Existing Primary Tower - Professional Engineer Review of Tower Rigging Plan \$3,500.00
	Component Description: Amount:	Tower Services \$2,500.00
Maryland Sales Tax	Information not provided.	

Tower Helicopter Lift **Component Description:** WMAR-TV-410-**Existing Primary** Tower - Helicopter Lift \$51,000.00 Amount: **Component Description:** WMAR-TV-410-**Existing Primary** Tower - Helicopter Lift \$42,500.00 Amount: **Component Description:** WMAR-TV-410-**Existing Primary** Tower - Helicopter Lift \$3,705.15 Amount: **Component Description:** WMAR-TV-410-**Existing Primary** Tower - Helicopter Lift \$44,007.90 Amount: **Component Description:** WMAR-TV-410-**Existing Primary** Tower - Helicopter Lift Amount: \$22,755.01

Component Description:

Amount:

WMAR-TV-410-Existing Primary Tower - Helicopter

Lift

\$81,770.00

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.	
Ice Bridge	Component Description:	"WMAR-TV-410-
	Compension Decomposition	Existing Primary Tower - Ice Bridge
	Amount:	\$7,250.00" \$7,250.00
	Component Description:	SOW: Repack: Install transmission lines,
	Amount:	install new ice bridge \$2,500.00
Primary Tower Structural Analysis	Component Description:	Perform a
	Component Description.	Structural Analysis for referenced project.
	Amount:	\$4,000.00
	Component Description:	Perform a structural analysis
	Amount:	\$3,000.00

Existing Primary Tower -Tower Safety Prep Work

Component Description: One-third portion

of concrete safety services rendered

Amount: \$9,402.00

Component Description: One-third portion

Amount:

of concrete \$9,402.00

Component Description: One-third portion

of scaffolding for

repack.

Amount: \$59,333.33

Component Description: Invoice already

FFP under WJZ-TV

Amount: N/A

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)

Component Description: Customer Deposit

for WMAR TV
Repack Arbor
Mounted TV
Antenna
Replacement
Services, as
agreed in you
MSA dated 4-29-

2020

Amount: \$399,230.00

Component Description: Tower Services -

MD

Amount: \$249,000.00

Component Description: Completion of the

WMAR TV Top Mount Antenna

Amount: \$207,500.00

Component Description: Tower Services -

MD

Amount: \$18,089.85

Component Description: Tower Services -

MD

Amount: \$214,862.10

Component Description: Tower Services -

MD

Amount: \$111,097.99

Component Description: Customer Deposit

for WMAR TV for the Repack, as agreed in your MSA dated 12/2

/2019

Amount: \$52,427.00

Component Description: WMAR-TV-410-

Existing Primary
Tower - Tower
Rigging, Complex
Tower - \$2,500.00

Amount: \$2,500.00

Component Description: Customer Deposit

for Repack Interim

TV Antenna System

Amount: \$48,680.00

Component Description: Tower Services -

MD

Amount: \$62,900.00

Component Description: Tower Services -

MD

Amount: \$34,005.00

Component Description:

Amount:

Weather Delay

\$7,000.00

Component Description: WMAR-TV-410-

Existing Primary
Tower - Tower
Rigging, Complex

Tower

Amount: \$49,926.00

Component Description: Install

transmission lines,

install new ice

bridge

Amount: \$7,250.00

Component Description: Tower Services -

MD

Amount: \$68,173.75

Minor tower reinforcement /modifications

Component Description: One-third portion

of services rendered

Amount: \$2,833.33

Component Description: Modification

Materials / Split 3

ways

Amount: \$14,174.99

Component Description: Relocation Labor

Amount: \$1,415.65

Component Description: complete 308

Amount:

Flash head including tube (used)

\$1,791.00

Component Description: Tower Services -

MD

Amount: \$21,800.00

Component Description: Modification

Materials / Split 3

Ways

Amount: \$15,692.52

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 Co
Outside Professional Services	\$182,854.00	\$221,204.98		\$152,090.31	
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$8,070.00	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$8,070.00	N/A
Project management of the transition	\$94,010.00	\$123,733.07	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$123,733.07	N/A
Site Survey	\$16,900.00	\$16,900.00	N/A	\$1,150.00	N/A
Maryland Sales Tax	\$8,079.00	\$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 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
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

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
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	\$750.00	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
and wholess			N1/A	\$450.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$ 430.00	IV/A

Total for all \$4,336,857.25 \$5,444,132.23 N/A \$4,644,713.91 N/A systems

Components

Actual Information

Description File Name

Perform engineering study for new channel assignment and antenna development

Component Description: Repack

Conference Calls
/Status Discussions

Amount: \$60.00

Component Description: Repack Status

Calls & Dielectric

Call

Amount: \$510.00

Component Description: Scope of Services:

Project

coordination to assist in securing

Amount: \$3,000.00

Component Description: WMAR - Research

on Requirements

Amount: \$150.00

Component Description: WMAR-TV-530-RF

Eng - Engineering Study for New

Channel Assignment

Amount: \$300.00

Component Description: SOW: Inventory

main and Aux transmission lines from transmitter

building

Amount: \$2,700.00

Component Description: Preparation of

Formal Reduced Power Notification (Letter to Secretary)

Amount: \$1,350.00

Project management of the transition

Component Description: Project

Management

Amount:

\$6,089.50

Component Description:

Project Management

Amount:

\$3,577.85

Component Description:

Project management

Amount:

\$3,721.85

Component Description:

Component Description:

FOR SERVICES RENDERED THROUGH: 10/1

/18-10/31/18

\$150.00

Amount:

Project

Management

Amount:

\$23,029.00

Component Description: Professional

Services

Amount: \$300.00

Component Description: WMAR January 1-

31, 2019 Anthony

Flores

Amount: \$300.00

Component Description: Project

Management

Amount: \$64.95

Component Description: Project

Management

Amount:

\$6,123.90

Component Description: 387 Update - 10

Weeks Before Construction Deadline

Amount: \$75.00

Component Description:

Amount:

FCC Repack

\$187.50

Component Description:

Project Management

Amount:

\$305.30

Component Description:

Project

Amount:

Amount:

Amount:

Amount:

Management \$2,112.70

Component Description: FOR SERVICES

RENDERED

Amount: \$150.00

Component Description:

Project

Management

\$2,883.45

Component Description:

Project

management

\$7,794.05

Component Description:

Project

Management

\$15,359.30

Component Description: Project

Management

Amount: \$3,442.05

Component Description: WMAR January 1-

31 2020

Amount: \$1,000.00

Component Description:

Amount:

Preparation of 387

\$75.00

Component Description: Project

Management

Amount: \$3,894.70

Component Description: Preparation of 387

Amount: \$75.00

Component Description: Project

Management

Amount: \$3,745.80

Component Description: Project

Management

Amount: \$36.05

Component Description: FOR SERVICES

RENDERED

Amount: \$75.00

Component Description: FCC Repack

Amount: \$300.00

Component Description: WMAR MARCH

ON-SITE MEETINGS \$1,954.67

Amount: \$

Component Description: Project

Management

\$13.30

Amount:

Component Description: Project

Management

Amount: \$2,941.65

Component Description: Project

Management

Amount: \$3,373.45

Component Description: Project

Management

Amount: \$11,980.55

Component Description: WJZ Baltimore with

WBAL

Amount: \$1,000.00

Component Description: 387 Update

Amount: \$75.00

Component Description: 387
Amount: \$75.00

Component Description: Project

Management

Amount: \$5,011.20

Component Description: Project Management \$4,401.40 Amount: Project **Component Description:** Management Amount: \$6,004.95 **Component Description:** Project Management Amount: \$1,883.95 **Component Description:** FOR SERVICES RENDERED **Amount:** \$150.00 Site Survey **Component Description:** WMAR-TV-610-Transmitter Site Survey Amount: \$1,150.00 Maryland Sales Tax Information not provided. RF Exposure Information not provided. Measurements Attorney Fees -Prepare and File FCC Form 2100 **Component Description:** One-Third portion (main), License to Cover of Services Application rendered Amount: \$244.33 Attorney Fees - Aux Information not provided. Antenna, prepare and File Form 2100 Construction Permit or License Application

Attorney Fees - Prepare and File FCC Form 2100 WMAR-TV-550-**Component Description:** (main), Construction Attorney -Permit Application **Construction Permit** Application (Main): \$645.00 Amount: \$645.00 **Component Description:** One-third portion of services rendered \$150.00 Amount: Prepare request for **Special Temporary Component Description:** WMAR-TV-530-RF Authorization Eng - Special Temporary Authorization \$675.00 Amount: \$675.00 **Component Description:** WMAR-TV-530-RF **ENG Construction** Permit Application: \$300.00 Amount: \$900.00 RF Consulting Engineer Information not provided. Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application Prepare engineering section of FCC Form 2100 **Component Description:** Preparation of (main), License to Cover Application for Application License to Cover Repack CP \$225.00 Amount:

Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Component Description: Amount:	Legal Services Rendered \$175.66
	Component Description:	One-third portion of legal services rendered
	Amount: Component Description:	\$4,821.66 One-third portion of legal services
	Amount: Component Description: Amount:	\$2,968.50 One-third portion of legal services \$1,694.66
	Component Description: Amount:	One-third portion of legal services \$4,582.43
	Component Description: Amount:	One-third portion of legal services \$855.00
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 **Component Description:** WMAR-TV-530-RF (main), Construction Eng - Construction Permit Application Permit Application (Main) \$450.00 Amount: **Component Description:** WMAR-TV-530-RF Eng - Special Temporary Authorization: \$900.00 \$300.00 Amount: Address transition timing Information not provided. and coordination issues w/ other stations and wireless Prepare and or review reimbursement form **Component Description:** WMAR-TV-590-Prepare and/or Review Reimbursement Form Amount: \$450.00

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
Other Expenses	\$354,103.34	\$353,498.34		\$92,603.42	
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	N/A	\$10,494.22	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	\$6,240.00	\$6,240.00	N/A	N/A	N/A
VSWR Testing	\$5,000.00	\$5,000.00	Please see Dielectric order confirmation 1932151	\$0.00	N/A
Liability Insurance	\$10,653.60	\$10,653.60	Please see Estimated Cost Justification WMAR-TV- 610-Liability Insurance v0	\$10,653.60	N/A
In-Building Deconstruction	\$8,000.00	\$8,000.00	N/A	N/A	N/A
Employee Time	\$124,747.60	\$124,747.60	N/A	N/A	N/A

MVPD Notification of Channel Change	<i>\$8,555.00</i>	\$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	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Equipment Storage	<i>\$5,850.00</i>	\$5,850.00	Please see Dielectric Order Confirmation 1697379	\$5,850.00	N/A
Equipment Delivery and Handling Charges	\$41,104.39	\$41,104.39	per Estimated Cost Justification WMAR-TV- 610- Equipment Delivery and Handling v3	\$41,104.39	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	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
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$10,614.80	N/A
Non-zoning	\$100,000.00	\$100,000.00	N/A	\$4,568.66	N/A

FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
Sub-total	\$354,103.34	\$353,498.34	N/A	\$92,603.42	N/A
Total for all systems	\$4,336,857.25	\$5,444,132.23	N/A	\$4,644,713.91	N/A

Components

Actual Information Description	File Name	
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Provided all labor, mobile loading equipment \$2,950.00
	Component Description: Amount:	Provided industrial porta to porta \$2,783.22
	Component Description:	Per Phase two on June 11 2018 proposal
	Amount: Component Description:	\$2,950.00 Vacuum truck and liquid disposal
Site Security	Amount:	\$1,811.00
	Component Description: Amount:	One-third portion of guard services \$762.75
Maryland Sales Tax	Information not provided.	

		F: 1: 0 ·
	Component Description: Amount:	Field Service \$5,000.00
Liability Insurance		
	Component Description:	WMAR-TV-610- Liability Insurance
	Amount:	\$3,820.27
	Component Description:	WMAR-TV-610-
	Amount:	Liability Insurance \$6,833.33
In-Building Deconstruction	Information not provided.	
Employee Time	Information not provided.	
MVPD Notification of Channel Change	Component Description:	Notification of Cable and Satellite
	Amount:	\$4,277.50
	Component Description:	MVPD Notification
	Amount:	Services \$4,277.50
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage		
	Component Description:	WMAR-TV-610- Equipment Storage
	Amount:	\$5,850.00
Equipment Delivery and		
	0 1 D	FREIGHT AND
Handling Charges	Component Description:	SHIPPING

Component Description:

Amount:

Freight and Shipping

\$5,998.22

Component Description:

Amount:

Freight and Shipping

\$3,006.21

Component Description:

WMAR-TV-610-Equipment Delivery

and Handling

Amount:

\$3,320.00

Component Description:

Amount:

Freight and Shipping

\$699.97

Component Description:

WMAR-TV-610-

Equipment Delivery and Handling

\$8,365.00

Amount:

Other Freight and

Shipping

Amount: \$3,084.64

Component Description:

Component Description:

Other Freight and

Shipping

\$675.91

Component Description:

Amount:

Amount:

Freight and shipping

\$6,032.69

Component Description:

Amount:

Freight and Shipping

\$2,535.55

	Component Description: Amount:	Other Freight and Shipping \$719.82
	Component Description: Amount:	TRANSMISSION LINE RIGID \$345.30
	Component Description: Amount:	Freight and Shipping \$5,677.70
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	Notification of Medical Facilities \$5,307.40
	Component Description: Amount:	DTV Notification Service \$5,307.40
Non-zoning permits	Component Description: Amount:	Permitting Submittal \$4,115.66
	Component Description: Amount:	WMAR-TV-610-Non- Zoning Permits \$453.00
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,336,857.25	\$5,444,132.23	\$4,644,713.91

Reimbursem	eAvestion	Response
Status	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	No

from further editing and begin close-out procedures with the Fund Administrator.

Section Question Response

Submission of Estimated Expenses Statements

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.

- 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.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 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.

- 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 abovenamed applicant for the Authorization(s) specified above. Sravan V
Reddy ,
Reddy .
Senior
Director,
General
Accounting

04/05/2021

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (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).

- 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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

- 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 abovenamed applicant for the Authorization(s) specified above. Sravan V
Reddy ,
Reddy .
Senior
Director,
General
Accounting

04/05/2021

Attachments