



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **25682** | Service: **DTV** | Call **WGGB-TV** | Channel: **26 (UHF)** |
ID:
File **0000027910**
Number:
FRN: **0018223693** | Date **03/28**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MEREDITH CORPORATION	Joshua Pila 1716 LOCUST STREET DES MOINES, IA 50309 United States	+1 (515) 284- 3000	RegAffairs@meredith.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
The Preparer is same as the reimbursement contact.			

**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		The WGGB repack plan consists of the replacement of main transmitter, addition of a transitional antenna, and new main antenna. It also includes all the analysis, engineering evaluation, electrical systems, tower work and fees.

Transmitters

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

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Quantum QX D1
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	9.23 kW

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	Parallax HPTV- PRLX-U7 11kW
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	11 kW
	Justification for New Transmitter	The current transmitter is no longer supported and unable to be retuned. A solid state replacement is being proposed and includes enough TPO to support an elliptical antenna.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
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Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Costs for onsite electrical work to install transmitter and heat exchanger
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	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 leasehold 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**
Information not provided.

Antennas

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
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?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	460.0 kW

Manufacturer	
Model	ATW25H3-DTC/P-40
Year	2002

Primary
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
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)	460.0 kW
	Manufacturer	

Model	TFU-20ETT /VP-R S210
Year	2017
Justification for New Antenna	Old antenna is unable to be retuned forcing a antenna replacement. The new proposed antenna has is an elliptical versus the current antenna is horizontal only

**Primary
Antenna**

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches

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

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	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?	Yes
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels/Bays	8
	Lower Limit	460.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	250.0 kW
	Manufacturer	
	Model	TFU-8WB- R C160
	Year	2017

	Justification for New Antenna	A interim antenna is required to complete testing and allow channel move.
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**Interim
Antenna**

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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

**Interim
Antenna**

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line**Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Andrew
	Type	Flexible Air
	Diameter	5 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	175 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Antenna switch	A feedline switch is required to support switching between main and Interim during tranistion

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	150 feet per run
	Justification for New Transmission Line	The line is to support the interim antenna for the main antenna replacement

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower
Equipment
And
Rigging
Costs**

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

**Primary
Tower**

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1018460
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	42° 14' 30.0" N-
	Longitude (NAD83)	072° 38' 55.0" W-
	Overall Structure Height	195.54 feet
	Support Structure Height	149.93 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1200.12 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	SBA Infrastructures, LLC
	Date Constructed	09/01/1987

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:	Major Reinforcements needed

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	10
	Explanation	Due to small staff sizes and nature of changes a small amount of project management is required to review technical facility plan
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
Attorney and Other Outside Consulting Services	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	Yes
	Environmental Assessment	Yes
	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
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	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
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Transmitter Site review

There is a requirement for transmitter site planning

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?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses	Other Expenses Not Listed Information not provided.
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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 Parallax HPTV-PRLX-U7 11kW	\$545,500.00	\$441,261.00		\$349,534.00	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$392,161.00	N/A	\$349,534.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
Other Electrical Service: Costs for onsite electrical work to install transmitter and heat exchanger	\$12,800.00	\$12,800.00	Added costs to install transmitter	N/A	N/A
Sub-total	\$545,500.00	\$441,261.00	N/A	\$349,534.00	N/A
Total for all systems	\$1,892,725.00	\$1,498,851.74	N/A	\$610,928.26	N/A

Components

Actual Information Description	File Name
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UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Component Description: Invoice covers 100 percent of transmitter, installation and delivery costs Amount: \$349,534.00
Switchgear - industrial 800 amp	Information not provided.
Other Electrical Service: Costs for onsite electrical work to install transmitter and heat exchanger	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
Interim Antenna TFU-8WB- R C160	\$256,130.00	\$66,300.00		\$47,412.50	
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$0.00	N/A	N/A	N/A
UHF “ Broadband Panel, Side Mount Auxiliary /Interim, 250 horizontally polarized	<i>\$59,900.00</i>	\$59,900.00	N/A	\$41,652.50	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Primary Antenna TFU-20ETT /VP-R S210	\$308,530.00	\$218,561.00		\$180,504.50	

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,298.00	N/A	\$9,268.20	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$201,863.00	N/A	\$165,476.30	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Sub-total	\$564,660.00	\$284,861.00	N/A	\$227,917.00	N/A
Total for all systems	\$1,892,725.00	\$1,498,851.74	N/A	\$610,928.26	N/A

Components

Actual Information	
Description	File Name
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	Information not provided.

UHF 8" Broadband Panel, Side Mount Auxiliary/Interim, 250 horizontally polarized	<table> <tr> <td data-bbox="719 174 1027 208">Component Description:</td><td data-bbox="1161 174 1366 322">45 percent of payment with shipping Antenna 20216.25</td></tr> <tr> <td data-bbox="719 376 831 409">Amount:</td><td data-bbox="1161 331 1350 409">shipping 610.20 \$20,826.25</td></tr> <tr> <td data-bbox="719 517 1027 551">Component Description:</td><td data-bbox="1161 517 1366 665">45 percent of payment with shipping Antenna 20216.25</td></tr> <tr> <td data-bbox="719 719 831 752">Amount:</td><td data-bbox="1161 674 1350 752">shipping 610.20 \$20,826.25</td></tr> </table>	Component Description:	45 percent of payment with shipping Antenna 20216.25	Amount:	shipping 610.20 \$20,826.25	Component Description:	45 percent of payment with shipping Antenna 20216.25	Amount:	shipping 610.20 \$20,826.25
Component Description:	45 percent of payment with shipping Antenna 20216.25								
Amount:	shipping 610.20 \$20,826.25								
Component Description:	45 percent of payment with shipping Antenna 20216.25								
Amount:	shipping 610.20 \$20,826.25								
Sweep test of existing antenna	<table> <tr> <td data-bbox="719 887 1027 920">Component Description:</td><td data-bbox="1161 887 1326 958">45 percent of repack sweep</td></tr> <tr> <td data-bbox="719 967 831 1001">Amount:</td><td data-bbox="1161 967 1281 1001">\$2,880.00</td></tr> <tr> <td data-bbox="719 1108 1027 1142">Component Description:</td><td data-bbox="1161 1108 1326 1180">45 percent of repack sweep</td></tr> <tr> <td data-bbox="719 1189 831 1223">Amount:</td><td data-bbox="1161 1189 1281 1223">\$2,880.00</td></tr> </table>	Component Description:	45 percent of repack sweep	Amount:	\$2,880.00	Component Description:	45 percent of repack sweep	Amount:	\$2,880.00
Component Description:	45 percent of repack sweep								
Amount:	\$2,880.00								
Component Description:	45 percent of repack sweep								
Amount:	\$2,880.00								
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<table> <tr> <td data-bbox="719 1357 1027 1391">Component Description:</td><td data-bbox="1161 1357 1319 1467">10 percent of repack elbow complex</td></tr> <tr> <td data-bbox="719 1476 831 1509">Amount:</td><td data-bbox="1161 1476 1281 1509">\$1,029.80</td></tr> <tr> <td data-bbox="719 1617 1027 1650">Component Description:</td><td data-bbox="1161 1617 1374 1765">80 percent of elbow complex for main WGGB antenna</td></tr> <tr> <td data-bbox="719 1774 831 1807">Amount:</td><td data-bbox="1161 1774 1281 1807">\$8,238.40</td></tr> </table>	Component Description:	10 percent of repack elbow complex	Amount:	\$1,029.80	Component Description:	80 percent of elbow complex for main WGGB antenna	Amount:	\$8,238.40
Component Description:	10 percent of repack elbow complex								
Amount:	\$1,029.80								
Component Description:	80 percent of elbow complex for main WGGB antenna								
Amount:	\$8,238.40								

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<table> <tr> <td data-bbox="722 174 1029 208">Component Description:</td><td data-bbox="1161 174 1377 286">80 percent invoice for main WGGB antenna</td></tr> <tr> <td data-bbox="722 297 831 331">Amount:</td><td data-bbox="1161 297 1310 331">\$147,090.00</td></tr> <tr> <td data-bbox="722 432 1029 465">Component Description:</td><td data-bbox="1161 432 1345 544">10 percent of antenna (down Payment)</td></tr> <tr> <td data-bbox="722 555 831 589">Amount:</td><td data-bbox="1161 555 1294 589">\$18,386.30</td></tr> </table>	Component Description:	80 percent invoice for main WGGB antenna	Amount:	\$147,090.00	Component Description:	10 percent of antenna (down Payment)	Amount:	\$18,386.30
Component Description:	80 percent invoice for main WGGB antenna								
Amount:	\$147,090.00								
Component Description:	10 percent of antenna (down Payment)								
Amount:	\$18,386.30								
Sweep test of existing antenna	<table> <tr> <td data-bbox="722 721 1029 754">Component Description:</td><td data-bbox="1161 721 1326 799">80 percent of repack sweep</td></tr> <tr> <td data-bbox="722 810 831 844">Amount:</td><td data-bbox="1161 810 1278 844">\$5,120.00</td></tr> <tr> <td data-bbox="722 945 1029 978">Component Description:</td><td data-bbox="1161 945 1326 1023">10 percent of repack sweep</td></tr> <tr> <td data-bbox="722 1034 831 1068">Amount:</td><td data-bbox="1161 1034 1262 1068">\$640.00</td></tr> </table>	Component Description:	80 percent of repack sweep	Amount:	\$5,120.00	Component Description:	10 percent of repack sweep	Amount:	\$640.00
Component Description:	80 percent of repack sweep								
Amount:	\$5,120.00								
Component Description:	10 percent of repack sweep								
Amount:	\$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
Interim Transmission Line	\$8,850.00	\$15,534.74		\$13,981.26	
Flexible Air Transmission Line - dielectric, 3"	\$8,850.00	\$15,534.74	Line required longer and more parts than planned	\$13,981.26	Installation of line required longer and more parts than expected
Primary Transmission Line	\$36,100.00	\$36,100.00		\$0.00	
Antenna switch	<i>\$36,100.00</i>	\$36,100.00	The antenna switch is required to switch between main and Interim antenna	N/A	N/A
Sub-total	\$44,950.00	\$51,634.74	N/A	\$13,981.26	N/A
Total for all systems	\$1,892,725.00	\$1,498,851.74	N/A	\$610,928.26	N/A

Components

Actual Information Description	File Name
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Flexible Air Transmission Line - dielectric, 3"	<table><tr><td data-bbox="705 100 1085 246">Component Description:</td><td data-bbox="1085 100 1433 246">45 percent of feed line costs</td></tr><tr><td data-bbox="705 246 1085 324">Amount:</td><td data-bbox="1085 246 1433 324">\$6,990.63</td></tr><tr><td data-bbox="705 392 1085 515">Component Description:</td><td data-bbox="1085 392 1433 515">45 percent of flexible transmission line</td></tr><tr><td data-bbox="705 515 1085 607">Amount:</td><td data-bbox="1085 515 1433 607">\$6,990.63</td></tr></table>	Component Description:	45 percent of feed line costs	Amount:	\$6,990.63	Component Description:	45 percent of flexible transmission line	Amount:	\$6,990.63
Component Description:	45 percent of feed line costs								
Amount:	\$6,990.63								
Component Description:	45 percent of flexible transmission line								
Amount:	\$6,990.63								
Antenna switch	Information not provided.								

Cost
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$531,500.00	\$530,070.00		\$0.00	
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Short Tower (less than 500')	\$84,200.00	\$124,070.00	This covers the antenna installation costs for both the main antennas and feedline.	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$6,000.00	N/A	N/A	N/A
Sub-total	\$531,500.00	\$530,070.00	N/A	\$0.00	N/A
Total for all systems	\$1,892,725.00	\$1,498,851.74	N/A	\$610,928.26	N/A

Components

Information not provided.

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$181,775.00	\$173,045.00		\$15,300.00	
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$79,995.00	N/A	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
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	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Project management of the transition	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
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
Transmitter Site review	\$15,300.00	\$15,300.00	Transmitter install site planning and design is required	\$15,300.00	N/A

Sub-total	\$181,775.00	\$173,045.00	N/A	\$15,300.00	N/A
Total for all systems	\$1,892,725.00	\$1,498,851.74	N/A	\$610,928.26	N/A

Components

Actual Information Description	File Name
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
NEPA Section 106 environmental review, if needed	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
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	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Perform engineering study for new channel assignment and antenna development	Information not provided.
Project management of the transition	Information not provided.
Prepare and or review reimbursement form	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.
Transmitter Site review	Component Description: 100 percent invoice for Design service Amount: \$15,300.00

**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	\$24,340.00	\$17,980.00		\$4,196.00	
MVPD Notification of Channel Change	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$4,500.00</i>	\$4,500.00	Delivery of antennas not in quote	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$1,650.00</i>	\$1,650.00	The cost for construction trash removal	N/A	N/A
Non-zoning permits	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,245.00	N/A	\$4,196.00	N/A
Sub-total	\$24,340.00	\$17,980.00	N/A	\$4,196.00	N/A
Total for all systems	\$1,892,725.00	\$1,498,851.74	N/A	\$610,928.26	N/A

Components

Actual Information Description	File Name
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.

DTV Medical Facility Notification	<table><tr><td data-bbox="722 168 1141 212">Component Description:</td><td data-bbox="1141 168 1417 280">100 percent of Medical notification</td></tr><tr><td data-bbox="722 280 1141 324">Amount:</td><td data-bbox="1141 280 1417 324">\$4,196.00</td></tr></table>	Component Description:	100 percent of Medical notification	Amount:	\$4,196.00
Component Description:	100 percent of Medical notification				
Amount:	\$4,196.00				

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$1,892,725.00	\$1,498,851.74	\$610,928.26

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	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 above-named applicant for the Authorization(s) specified above.	Larence K Oaks <i>Vice President of Technology Meredith LMG</i> 03/28/2019

Attachments