



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **72300** | Service: **DTV** | Call **WHNS** | Channel: **17 (UHF)** |
ID: | Sign:
File **0000027830**
Number:
FRN: **0018223693** | Date **04/08**
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
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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 WHNS repack plan includes the replacement of main transmitter/filter, addition of a transitional antenna, and a new main antenna. It also includes all the analysis, engineering evaluation and electrical systems, tower work and filing costs.

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	Comark IOX /DCX
	Year	1998
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	19.18 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-U15
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	24.3 kW
	Justification for New Transmitter	Current transmitter is not returnable and us no longer available. A new solid state is proposed. A new IOT quote is included in the attachments along with solid state comparison for supporting an elliptical antenna.

Primary Transmitter **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	4 inches
	Length	30.0 feet
	Other Electrical Service	No
	Description	N/A
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?	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	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)	400.0 kW

Manufacturer	
Model	TFU- 22ETT-R CT3
Year	2000

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?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	363.0 kW
	Manufacturer	

Model	TFU-21ETT /VP-R CT3
Year	2017
Justification for New Antenna	Replace single channel antenna that's not able to be retune.

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
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**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?	No
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	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	250.0 kW
	Manufacturer	
	Model	TFU-8WB- R C160
	Year	2017

	Justification for New Antenna	The antenna is to be used as a interim to allow top antenna replacement
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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	Dielectric
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1690 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Additional line	We need additional line parts and elbows to connect to current feedline
Feeline antenna switch	We have a need to switch between antennas during the transition period

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	900 feet per run
	Justification for New Transmission Line	The line will be used during the transition phase and will act as an interim

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	Owned
	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	1002140
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	35° 10' 56.0" N-
	Longitude (NAD83)	082° 40' 55.0" W-
	Overall Structure Height	1610.87 feet
	Support Structure Height	1559.04 feet
	Ground Elevation Above Mean Sea Level (AMSL)	3429.09 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Meredith Corporation - WHNS
	Date Constructed	06/30/2009

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	20
	Explanation	We will need outside engineering support to complete documentation and analysis
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	No
	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**

Services not provided.

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	Yes
	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?	No
	Does this relocation require MVPD Notification of a Channel Change?	No

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-U15	\$1,025,030.00	\$822,268.00		\$189,226.80	
4" Rigid Conduit and Wiring (Cost per foot)	\$3,030.00	\$2,880.00	N/A	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$748,088.00	N/A	\$189,226.80	Original estimate was incorrectly entered on form
Sub-total	\$1,025,030.00	\$822,268.00	N/A	\$189,226.80	N/A
Total for all systems	\$2,525,087.00	\$1,984,245.00	N/A	\$457,156.98	N/A

Components

Actual Information	
Description	File Name
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.

Transformer 3 phase/480v - 300 KVA	Information not provided.	
Switchgear - industrial 800 amp	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description: Amount:	Comark Invoice 20 percent downpayment \$126,138.80 Comark invoice for 10 percent of payment H-POL power level \$63,088.00 Comark invoice for 70 percent of order at H-POL level \$441,485.80

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	\$241,155.00	\$51,325.00		\$46,192.50	
UHF â€œBroadband Panel, Side Mount Auxiliary /Interim, 250 horizontally polarized	<i>\$44,925.00</i>	\$44,925.00	N/A	\$40,432.50	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Primary Antenna TFU-21ETT /VP-R CT3	\$308,530.00	\$216,861.00		\$185,229.90	

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	\$200,163.00	N/A	\$170,201.70	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Sub-total	\$549,685.00	\$268,186.00	N/A	\$231,422.40	N/A
Total for all systems	\$2,525,087.00	\$1,984,245.00	N/A	\$457,156.98	N/A

Components

Actual Information

Description	File Name
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<p>UHF “ Broadband Panel, Side Mount Auxiliary/Interim, 250 horizontally polarized</p>	<table> <tr> <td data-bbox="721 174 1027 208">Component Description:</td><td data-bbox="1163 174 1369 286">Invoice for 45 percent of Interim antenna</td></tr> <tr> <td data-bbox="721 338 831 371">Amount:</td><td data-bbox="1163 297 1294 371">MAN00054 \$20,216.25</td></tr> <tr> <td data-bbox="721 477 1027 510">Component Description:</td><td data-bbox="1163 477 1369 629">Invoice MAN00048 for 45 percent of Interim antenna</td></tr> <tr> <td data-bbox="721 636 831 669">Amount:</td><td data-bbox="1163 636 1294 669">\$20,216.25</td></tr> </table>	Component Description:	Invoice for 45 percent of Interim antenna	Amount:	MAN00054 \$20,216.25	Component Description:	Invoice MAN00048 for 45 percent of Interim antenna	Amount:	\$20,216.25
Component Description:	Invoice for 45 percent of Interim antenna								
Amount:	MAN00054 \$20,216.25								
Component Description:	Invoice MAN00048 for 45 percent of Interim antenna								
Amount:	\$20,216.25								
<p>UHF - Lower Power Side Mount, One station - 200- 500 kW, horizontally polarized</p>	<p>Information not provided.</p>								
<p>Sweep test of existing antenna</p>	<table> <tr> <td data-bbox="721 1001 1027 1034">Component Description:</td><td data-bbox="1163 1001 1369 1113">45 percent payment of REPACK SWEEP</td></tr> <tr> <td data-bbox="721 1120 831 1153">Amount:</td><td data-bbox="1163 1120 1278 1153">\$2,880.00</td></tr> <tr> <td data-bbox="721 1258 1027 1292">Component Description:</td><td data-bbox="1163 1258 1369 1370">45 percent payment of REPACK sweep</td></tr> <tr> <td data-bbox="721 1377 831 1411">Amount:</td><td data-bbox="1163 1377 1278 1411">\$2,880.00</td></tr> </table>	Component Description:	45 percent payment of REPACK SWEEP	Amount:	\$2,880.00	Component Description:	45 percent payment of REPACK sweep	Amount:	\$2,880.00
Component Description:	45 percent payment of REPACK SWEEP								
Amount:	\$2,880.00								
Component Description:	45 percent payment of REPACK sweep								
Amount:	\$2,880.00								
<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="721 1552 1027 1585">Component Description:</td><td data-bbox="1163 1552 1337 1626">10 percent of elbow complex</td></tr> <tr> <td data-bbox="721 1632 831 1666">Amount:</td><td data-bbox="1163 1632 1278 1666">\$1,029.80</td></tr> <tr> <td data-bbox="721 1771 1027 1805">Component Description:</td><td data-bbox="1163 1771 1378 1845">80 percent invoice for Elbow complex</td></tr> <tr> <td data-bbox="721 1852 831 1886">Amount:</td><td data-bbox="1163 1852 1278 1886">\$8,238.40</td></tr> </table>	Component Description:	10 percent of elbow complex	Amount:	\$1,029.80	Component Description:	80 percent invoice for Elbow complex	Amount:	\$8,238.40
Component Description:	10 percent of elbow complex								
Amount:	\$1,029.80								
Component Description:	80 percent invoice for Elbow complex								
Amount:	\$8,238.40								

<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="705 87 1086 360">Component Description:</td><td data-bbox="1086 87 1426 360">10 percent of antenna total/ does not include Vpol and elbow section on invoice</td></tr> <tr> <td data-bbox="705 360 1086 472">Amount:</td><td data-bbox="1086 360 1426 472">\$18,911.30</td></tr> <tr> <td data-bbox="705 472 1086 651">Component Description:</td><td data-bbox="1086 472 1426 651">80 percent invoice amount does not include Vpol, Elbow and sweep</td></tr> <tr> <td data-bbox="705 651 1086 763">Amount:</td><td data-bbox="1086 651 1426 763">\$151,290.40</td></tr> </table>	Component Description:	10 percent of antenna total/ does not include Vpol and elbow section on invoice	Amount:	\$18,911.30	Component Description:	80 percent invoice amount does not include Vpol, Elbow and sweep	Amount:	\$151,290.40
Component Description:	10 percent of antenna total/ does not include Vpol and elbow section on invoice								
Amount:	\$18,911.30								
Component Description:	80 percent invoice amount does not include Vpol, Elbow and sweep								
Amount:	\$151,290.40								
<p>Sweep test of existing antenna</p>	<table> <tr> <td data-bbox="705 763 1086 920">Component Description:</td><td data-bbox="1086 763 1426 920">10 percent of repack sweep</td></tr> <tr> <td data-bbox="705 920 1086 1032">Amount:</td><td data-bbox="1086 920 1426 1032">\$640.00</td></tr> <tr> <td data-bbox="705 1032 1086 1189">Component Description:</td><td data-bbox="1086 1032 1426 1189">80 percent of repack sweep</td></tr> <tr> <td data-bbox="705 1189 1086 1234">Amount:</td><td data-bbox="1086 1189 1426 1234">\$5,120.00</td></tr> </table>	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								
Component Description:	80 percent of repack sweep								
Amount:	\$5,120.00								

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	\$53,100.00	\$45,676.00		\$28,776.08	
Flexible Air Transmission Line - dielectric, 3"	\$53,100.00	\$45,676.00	N/A	\$28,776.08	N/A
Primary Transmission Line	\$39,937.00	\$39,937.00		\$3,453.30	
Feeline antenna switch	<i>\$36,100.00</i>	\$36,100.00	We have a need for a feedline switch to select either the interim or main antenna during the transition period.	N/A	N/A
Additional line	<i>\$3,837.00</i>	\$3,837.00	N/A	\$3,453.30	N/A
Sub-total	\$93,037.00	\$85,613.00	N/A	\$32,229.38	N/A
Total for all systems	\$2,525,087.00	\$1,984,245.00	N/A	\$457,156.98	N/A

Components

Actual Information	
Description	File Name

Flexible Air Transmission Line - dielectric, 3"	<div> Component Description: 45 percent Invoice for feedline </div> <div> Amount: \$14,388.04 </div>
	<div> Component Description: 45 percent invoice for feed line </div> <div> Amount: \$14,388.04 </div>
Feeline antenna switch	Information not provided.
Additional line	<div> Component Description: 10 percent of RTT675 test line </div> <div> Amount: \$211.80 </div> <div> Component Description: 80 percent of extra line parts </div> <div> Amount: \$1,375.20 </div> <div> Component Description: 10 percent of feedline parts </div> <div> Amount: \$171.90 </div> <div> Component Description: 80 percent of RTT675 6-75 test line </div> <div> Amount: \$1,694.40 </div>

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	\$657,800.00	\$625,000.00		\$0.00	
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	Costs cover the needed work to complete installation of both the main and interim antennas and removal of old line to support increase tower loading	N/A	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	N/A	N/A
Sub-total	\$657,800.00	\$625,000.00	N/A	\$0.00	N/A

Total for all systems	\$2,525,087.00	\$1,984,245.00	N/A	\$457,156.98	N/A
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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	\$163,845.00	\$153,745.00		\$0.00	
RF Exposure Measurements	\$21,050.00	\$20,000.00	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 - 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

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Project management of the transition	\$3,160.00	\$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
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), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A

Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Sub-total	\$163,845.00	\$153,745.00	N/A	\$0.00	N/A
Total for all systems	\$2,525,087.00	\$1,984,245.00	N/A	\$457,156.98	N/A

Components

Information not provided.

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$35,690.00	\$29,433.00		\$4,278.40	
Non-zoning permits	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,348.00	N/A	\$4,278.40	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Local Zoning	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$2,500.00</i>	\$2,500.00	These are costs for trash removal	N/A	N/A

Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Sub-total	\$35,690.00	\$29,433.00	N/A	\$4,278.40	N/A
Total for all systems	\$2,525,087.00	\$1,984,245.00	N/A	\$457,156.98	N/A

Components

Actual Information Description	File Name
Non-zoning permits	Information not provided.
DTV Medical Facility Notification	<p>Component Description: 100 percent invoice for medical notifications</p> <p>Amount: \$4,278.40</p>
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
Local Zoning	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.

Cost Information	Grand Total		
	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,525,087.00	\$1,984,245.00	\$457,156.98

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 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.

	<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Larence K Oaks <i>Vice President of Technology Meredith LMG</i></p> <p>04/08/2019</p>

Attachments