Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **41221** | Service: **DTV** | Call Sign: **WNEM-TV** | Channel: **30 (UHF)**

File Number: **0000027599**

FRN: **0018223693** | Date Submitted: **04/09/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MEREDITH CORPORATION Doing Business As: 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 WNEM repack plan includes the replacement of main solid state transmitter, addition of a interim antenna, and replacement of current side mounted horizontal antenna with top mounted elliptical antenna. all expected costs are included

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	DCX/IOX
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	36.15 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-PARLX-U24
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	39.3 kW
	Justification for New Transmitter	The current transmitter is not returnable or available and we intend on replacing with a solid state transmitter with power level to support new elliptical antenna. A comparison chart of transmitter costs along with costs of the IOT are attached.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	These costs are for the electrical work required to support the new 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 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
Project managment and planning	Comark site planning visit and design. A quote is attached

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?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side 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)	1000.0 kW

Manufacturer	
Model	TFU-30DSC-R 4C140
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?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/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)	1000.0 kW
	Manufacturer	

	Model	TFU-31ETT /VP-R 4C140
	Year	2017
	Justification for New Antenna	The current antenna is a single channel and cannot be retuned.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
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?	
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?	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	460.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	20.0 kW
	Manufacturer	
	Model	TFU-8WB-1-R C160
	Year	2017

	Justification for New Antenna	A transition antenna is required to support the replacement of new top mount antenna.

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	8 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1100 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Line extension	A need for 60 foot of additional line is required for the new installation
Feed line switch	Feedline switch to use between interim and main antenna

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	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	
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1100 feet per run

Primary Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1220 feet per run
	Justification for New Transmission Line	Replacement of tower required new line. Old tower is supporting interim operations

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Three RTLSCR675 20	Line Swivel
Sixty two T 6 234 MF EX CONN	Connector

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	750 feet per run
	Justification for New Transmission Line	We need to add a new line for the interim antenna

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	Construct New
	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	1006698
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	43° 28' 14.0" N-
	Longitude (NAD83)	083° 50' 36.0" W-
	Overall Structure Height	1042.64 feet
	Support Structure Height	971.44 feet
	Ground Elevation Above Mean Sea Level (AMSL)	584.97 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	MEREDITH CORPORATION DBA = WNEM TV
Date Constructed	01/01/1984

Primary Tower

Tower Construction Costs

Section	Question	Response
Construct New Tower	Use	Primary (Main)
	Description of Use	N/A
	Is this a request for upgraded equipment?	No
	Height	1047.00 feet
	Justification for New Tower	Older tower submitted could not be modified to support new standard.

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

Name	Description
Site prep foundations	Use of mats to support work in farm field
Tower Stack	Use of mats to support work during tower stack

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	20
	Explanation	We need outside project support to review quotes, project plans along with mapping and review of new antenna performance. Over sight of total installation.
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)	Yes
	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	No
	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
Field review of site and tower mapping	A onsite review of tower was required
Tower mapping and Analysis	A survey of tower and analysis

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.

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-PARLX-U24	**$1,556,400.00**	**$1,197,148.36**		**$1,196,635.92**	
Project managment and planning	***$15,300.00***	$15,300.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***This is the cost for transmitter site planning, visit and design. (quote attached)	$15,300.00	N/A
Other Electrical Service: These costs are for the electrical work required to support the new Transmitter and Heat Exchanger.	***$68,100.00***	$68,100.00	N/A	$68,100.00	N/A

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	$1,473,000.00	$1,113,748.36	N/A	$1,113,235.92	N/A
Sub-total	$1,556,400.00	$1,197,148.36	N/A	$1,196,635.92	N/A
Total for all systems	$5,813,632.50	$5,355,205.86	N/A	$4,073,827.83	N/A

Components

Actual Information Description	**File Name**	
Project managment and planning	**Component Description:** **Amount:**	100 percent invoice for design services $15,300.00
Other Electrical Service: These costs are for the electrical work required to support the new Transmitter and Heat Exchanger.	**Component Description:** **Amount:**	electrical installation costs $68,100.00

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	**Component Description:** **Amount:**	20 percent invoice $222,647.18
	Component Description: **Amount:**	This invoice is for the last 5 percent of transmitter cost $55,661.80
	Component Description: **Amount:**	5 percent of Invoice $55,661.80
	Component Description: **Amount:**	70 percent invoice payment $779,265.14

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-1-R C160	**$66,630.00**	**$66,300.00**		**$46,192.50**	
UHF â€“ Broadband Panel, Side Mount Auxiliary /Interim, 20 horizontally polarized	***$59,900.00***	$59,900.00	SYSTEM DIAGNOSTIC - DELETE AND REPLACE WITH APPROPRIATE ESTIMATE	$40,432.50	Amount is the same as originally submitted.
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$5,760.00	N/A
Primary Antenna TFU-31ETT /VP-R 4C140	**$308,530.00**	**$278,943.00**		**$0.00**	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	$289,500.00	$262,245.00	N/A	$0.00	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$0.00	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	$12,300.00	$10,298.00	N/A	$0.00	N/A
Sub-total	$375,160.00	$345,243.00	N/A	$46,192.50	N/A
Total for all systems	$5,813,632.50	$5,355,205.86	N/A	$4,073,827.83	N/A

Components

Actual Information Description	File Name	
UHF â€“ Broadband Panel, Side Mount Auxiliary/Interim, 20 horizontally polarized	**Component Description:** **Amount:**	45 percent of Interim antenna $20,216.25
	Component Description: **Amount:**	45 percent of Interim antenna $20,216.25
Sweep test of existing antenna	**Component Description:** **Amount:**	45 percent of Interim antenna $2,880.00
	Component Description: **Amount:**	45 percent of interim antenna sweep $2,880.00

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	**Component Description:** **Amount:** **Component Description:** **Amount:**	80 percent of main antenna N/A 80 percent of main antenna $184,776.00
Sweep test of existing antenna	**Component Description:** **Amount:** **Component Description:** **Amount:**	80 percent on main antenna sweep $5,120.00 80 percent of main antenna RF sweep $5,120.00
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	**Component Description:** **Amount:** **Component Description:** **Amount:**	80 percent of elbow complex $8,238.40 80 percent of main antenna elbow Elbow complex $8,238.40

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	**$44,250.00**	**$42,836.00**		**$26,703.18**	
Flexible Air Transmission Line - dielectric, 3"	$44,250.00	$42,836.00	Line length required to feed interim antenna	$26,703.18	N/A
Primary Transmission Line	**$0.00**	**$0.00**		**$0.00**	
Primary Transmission Line	**$257,795.50**	**$207,430.50**		**$0.00**	
Three RTLSCR67520	***$5,155.50***	$5,155.50	N/A	$0.00	N/A
Sixty two T 6 234 MF EX CONN	***$6,200.00***	$6,200.00	N/A	$0.00	N/A
Rigid Transmission Line - copper, 6 1/8"	$246,440.00	$196,075.00	100 percent of new line to support new tower.	$0.00	N/A
Sub-total	$302,045.50	$250,266.50	N/A	$26,703.18	N/A
Total for all systems	$5,813,632.50	$5,355,205.86	N/A	$4,073,827.83	N/A

Components

Actual Information Description	File Name

Flexible Air Transmission Line - dielectric, 3"	**Component Description:**	45 percent of Interim antenna feedline
	Amount:	$13,351.59
	Component Description:	45 percent of Interim antenna
	Amount:	$13,351.59
Three RTLSCR675 20	**Component Description:**	45 percent of RTLSCR675 20
	Amount:	$2,319.98
	Component Description:	45 percent of RTLSCR675 20
	Amount:	$2,319.98
Sixty two T 6 234 MF EX CONN	**Component Description:**	45 percent of MF EX CONN
	Amount:	$2,790.00
	Component Description:	45 percent of MF EX CONN
	Amount:	$2,790.00
Rigid Transmission Line - copper, 6 1/8"	**Component Description:**	45 percent of main antenna feed line run
	Amount:	$78,713.77
	Component Description:	45 percent of main antenna feedline
	Amount:	$83,823.75

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	**$0.00**	**$0.00**		**$0.00**	
Primary Tower	**$3,382,850.00**	**$3,382,850.00**		**$2,785,355.43**	
Tower Stack	***$228,440.00***	$228,440.00	N/A	$228,440.00	N/A
Site prep foundations	***$188,300.00***	$188,300.00	Rubber or wood mats to support Heavy machinery to work in field	$188,300.00	N/A
Tall Tower (greater than 500')	$210,500.00	$210,500.00	N/A	N/A	N/A
New tower between 1000' and 1500' without elevator, presumptive soil conditions	$2,753,610.00	$2,753,610.00	N/A	$2,368,615.43	N/A
Enviromental review	***$2,000.00***	$2,000.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***	$0.00	N/A

Sub-total	$3,382,850.00	$3,382,850.00	N/A	$2,785,355.43	N/A
Total for all systems	$5,813,632.50	$5,355,205.86	N/A	$4,073,827.83	N/A

Components

Actual Information Description	File Name
Tower Stack	**Component Description:** Mat rental to support tower stack for farmers field **Amount:** $228,440.00
Site prep foundations	**Component Description:** Payment for change notice of adding mats to the construction **Amount:** $188,300.00
Tall Tower (greater than 500')	Information not provided.
New tower between 1000' and 1500' without elevator, presumptive soil conditions	**Component Description:** 40 percent of tower costs includes installation and change notices **Amount:** $1,148,668.81 **Component Description:** 50 percent of new tower and installation **Amount:** $1,219,946.62

Enviromental review	**Component Description:**	100 percent of NEPA review
	Amount:	$2,000.00

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	**$167,110.00**	**$157,560.00**		**$16,000.00**	
Tower mapping and Analysis	***$16,000.00***	$16,000.00	N/A	$16,000.00	N/A
Field review of site and tower mapping	***$2,000.00***	$2,000.00	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
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	$2,105.00	$2,105.00	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	$0.00	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	$4,210.00	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
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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	$0.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$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
Project management of the transition	$3,160.00	$3,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	$2,050.00	$1,500.00	N/A	$0.00	N/A

RF Consulting Engineer Fees-Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	$2,105.00	$2,000.00	N/A	N/A	N/A
Sub-total	$167,110.00	$157,560.00	N/A	$16,000.00	N/A
Total for all systems	$5,813,632.50	$5,355,205.86	N/A	$4,073,827.83	N/A

Components

Actual Information Description	File Name	
Tower mapping and Analysis	**Component Description:** **Amount:**	100 percent of main tower mapping and analysis $16,000.00
Field review of site and tower mapping	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	**Component Description:** **Amount:**	100 percent of NEPA review $2,000.00

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.
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.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Perform engineering study for new channel assignment and antenna development	**Component Description:** Invoice for Engineering work on new channel assignment and antenna development **Amount:** $1,500.00

Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	Information not provided.	
Project management of the transition	Information not provided.	
Prepare request for Special Temporary Authorization	**Component Description:** **Amount:**	Work on STA for Interim antenna $500.00
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	**Component Description:** **Amount:**	N/A N/A

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	**$30,067.00**	**$22,138.00**		**$2,940.80**	
DTV Medical Facility Notification	$11,550.00	$3,676.00	N/A	$2,940.80	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	***$300.00***	$300.00	N/A	N/A	N/A
Non-zoning permits	***$5,000.00***	$5,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$1,577.00***	$1,577.00	Dumpster and trash removal for construction.	N/A	N/A

Equipment Delivery and Handling Charges	***$10,000.00***	$10,000.00	The main antenna delivery was not included on quote	N/A	N/A
Sub-total	$30,067.00	$22,138.00	N/A	$2,940.80	N/A
Total for all systems	$5,813,632.50	$5,355,205.86	N/A	$4,073,827.83	N/A

Components

Actual Information Description	**File Name**	
DTV Medical Facility Notification	**Component Description:** **Amount:**	100 percent of Medical notification $2,940.80
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.	
Non-zoning permits	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	$5,813,632.50	$5,355,205.86	$4,073,827.83

Reimbursement Status

Question	Response
The facility has ceased operating on its pre-auction channel.	Yes
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.	**Tom D Casey** *VP of Technology* *Meredith LMG* 04/09/2020

Certification

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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. 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 above-named applicant for the Authorization(s) specified above.	**Tom D Casey** *VP of Technology* *Meredith LMG* 04/09/2020

Attachments