



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **13991** | Service: **DTV** | Call **WFIE** | Channel: **26 (UHF)** |
 ID: | Sign:
 File **0000024801**
 Number:
 FRN: **0018223693** | Date **12/15**
 Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
Gray Television Licensee, LLC	4370 Peachtree Road, NE Atlanta, GA 30319 United States	+1 (812) 426-1414	allfccclms@gray. tv	Limited Liability Company
Doing Business As: WFIE				

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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<p>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.</p>	<p>No</p>
<p>Briefly describe transition plan</p>	<p>Install side mount interim antenna and connect to existing tx line Station will reuse existing antenna and install new main transmission line.</p>

Transmitters

Section	Question	Response
<p>Transmitter Related Expenses</p>	<p>Do you have transmitter related expenses?</p>	<p>Yes</p>

**Auxiliary
Transmitter****Add Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Emergency Backup
	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	Ranger
	Year	2009
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1.1 kW

**Auxiliary
Transmitter****New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	UAXTE-2
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.1 kW
	Justification for New Transmitter	Existing Transmitter can not be returned Manufacturers letter attached

**Auxiliary
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	150 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes

	Description	Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to auxiliary transmitter system
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

Auxiliary Transmitter **Other Transmitter Cost Not Listed**
Information not provided.

**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	Diamond
	Year	2002
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	10 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	ULXTE-16
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	10.3 kW
	Justification for New Transmitter	Existing transmitter can not be returned Manufacturers letter attached

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	150 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes

	Description	Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to primary transmitter system
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Heating and Cooling
	Size	10 tons
	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****Add Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Retune Existing
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	No
	Is this 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	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	16
	Design power capacity in use	50.0 %
Lower Limit	470.00 MHz	

Upper Limit	668.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	168.0 kW
Manufacturer	Andrew (ABD)
Model	ABBP16H4- HTO-4-14 /46
Year	2003

**Primary
Antenna**

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

**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	

**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?	Yes
	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 Slot
	Number of Stations Supported	1
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	608.00 MHz
	Design power capacity in use	25.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	229.0 kW
	Manufacturer	
	Model	TFU-WB8
Year	2019	

Justification for New Antenna	Interim antenna for use during new line installation and existing antenna being connected and tested on new Channel 26.
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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?	Yes
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

**Auxiliary
Transmission
Line**

Add Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary transmission line for auxiliary transmitter
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	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	925 feet per run

**Auxiliary
Transmission
Line** **New Transmission Line**

Section	Question	Response
New Transmission Line Costs	Use	Auxiliary (Backup)
	Description of Use	NEW Auxiliary transmission line
	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	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	925 feet per run
Justification for New Transmission Line	Existing transmission line will not work on the post repack Channel 26. Analysis info attached. Existing line to be used as interim.	

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

Information not provided.

**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	7 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	925 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	925 feet per run
Justification for New Transmission Line	Existing transmission line will not work on the post repack Channel 26. Analysis info attached. Existing line to be used as interim.	

**Primary
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?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	37° 53' 14.2" N-
	Longitude (NAD83)	087° 31' 07.0" W-
	Overall Structure Height	949.14 feet
	Support Structure Height	873.02 feet
	Ground Elevation Above Mean Sea Level (AMSL)	499.99 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	WFIE, LLC
Date Constructed	05/01/1977

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional
Services
Costs**

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	595
	Explanation	Pattern analysis Antenna Spec Transmitter Spec Building drawings Installation Supervision Accounting Internal Legal 399 Prep
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	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	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	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	No
Address transition timing and coordination issues w/ other stations and wireless providers	No	
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	1
	Justification	System Sweep

**Outside
Professional
Services
Costs**

Other Professional Services Expenses Not Listed

Name	Description
Security	Equipment Security

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	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other
Expenses**

Other Expenses Not Listed

Name	Description
Road repairs	Site road repairs

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 ULXTE-16	\$636,010.13	\$510,897.47		\$440,906.17	
10 Ton system	\$60,500.00	\$13,450.00	Please see J.E. Shekell, Inc. proposal dated 12-13-18	\$13,450.00	N/A
Other Electrical Service: Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to primary transmitter system	<i>\$17,260.13</i>	\$17,260.13	Please see WFIE Transmitter-Other Electrical Services Budget Revision Justification Letter	\$17,260.13	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$1,197.93	N/A

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$419,587.34	see Estimated Cost Justification WFIE-110- 1st Primary Transmitter - UHF Liquid Cooled Solid State, 8.2-13 kW VO	\$408,998.11	N/A
Auxiliary Transmitter UAXTE-2	\$192,251.87	\$123,594.67		\$62,642.10	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$60,792.80	Quote attached (GA- 00020810)	\$58,942.30	N/A
Other Electrical Service: Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to auxiliary transmitter system	<i>\$2,501.87</i>	\$2,501.87	Please see WFIE Transmitter- Other Electrical Services Budget Revision Justification Letter	\$2,501.87	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,000.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$1,197.93	N/A
Sub-total	\$828,262.00	\$634,492.14	N/A	\$503,548.27	N/A

Total for all systems	\$2,103,900.77	\$1,574,225.16	N/A	\$1,015,241.04	N/A
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Components

Actual Information	
Description	File Name
10 Ton system	<p>Component Description: East Equipment Room</p> <p>Amount: \$13,450.00</p>

<p>Other Electrical Service: Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to primary transmitter system</p>	<table border="0"> <tr> <td data-bbox="695 174 1011 210">Component Description:</td> <td data-bbox="1145 174 1366 246">10% of \$19,762.00 Estimate</td> </tr> <tr> <td data-bbox="695 255 815 291">Amount:</td> <td data-bbox="1145 255 1262 291">\$1,726.01</td> </tr> <tr> <td data-bbox="695 394 1011 430">Component Description:</td> <td data-bbox="1145 394 1374 586">INSTALL CONDUIT AND WIRING FOR NEW TRANSMITTER EQUIPMENT.</td> </tr> <tr> <td data-bbox="695 595 815 631">Amount:</td> <td data-bbox="1145 595 1262 631">\$1,726.01</td> </tr> <tr> <td data-bbox="695 734 1011 770">Component Description:</td> <td data-bbox="1145 734 1302 842">INSTALL EQUIPMENT /PANELS.</td> </tr> <tr> <td data-bbox="695 851 815 887">Amount:</td> <td data-bbox="1145 851 1262 887">\$3,452.03</td> </tr> <tr> <td data-bbox="695 990 1011 1025">Component Description:</td> <td data-bbox="1145 990 1374 1182">INSTALL CONDUIT AND WIRING FOR NEW TRANSMITTER EQUIPMENT.</td> </tr> <tr> <td data-bbox="695 1191 815 1227">Amount:</td> <td data-bbox="1145 1191 1262 1227">\$5,178.04</td> </tr> <tr> <td data-bbox="695 1330 1011 1366">Component Description:</td> <td data-bbox="1145 1330 1362 1438">Remaining 30% of \$19,762.00 Estimate</td> </tr> <tr> <td data-bbox="695 1447 815 1482">Amount:</td> <td data-bbox="1145 1447 1262 1482">\$5,178.04</td> </tr> </table>	Component Description:	10% of \$19,762.00 Estimate	Amount:	\$1,726.01	Component Description:	INSTALL CONDUIT AND WIRING FOR NEW TRANSMITTER EQUIPMENT.	Amount:	\$1,726.01	Component Description:	INSTALL EQUIPMENT /PANELS.	Amount:	\$3,452.03	Component Description:	INSTALL CONDUIT AND WIRING FOR NEW TRANSMITTER EQUIPMENT.	Amount:	\$5,178.04	Component Description:	Remaining 30% of \$19,762.00 Estimate	Amount:	\$5,178.04
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Component Description:	INSTALL CONDUIT AND WIRING FOR NEW TRANSMITTER EQUIPMENT.																				
Amount:	\$5,178.04																				
Component Description:	Remaining 30% of \$19,762.00 Estimate																				
Amount:	\$5,178.04																				
<p>Transformer 3 phase/480v - 150 KVA</p>	<p>Information not provided.</p>																				
<p>Switchgear - industrial 800 amp</p>	<table border="0"> <tr> <td data-bbox="695 1733 1011 1769">Component Description:</td> <td data-bbox="1145 1733 1374 1841">Added Support for Switcher and Transmission LInes</td> </tr> <tr> <td data-bbox="695 1850 815 1886">Amount:</td> <td data-bbox="1145 1850 1262 1886">\$1,197.93</td> </tr> </table>	Component Description:	Added Support for Switcher and Transmission LInes	Amount:	\$1,197.93																
Component Description:	Added Support for Switcher and Transmission LInes																				
Amount:	\$1,197.93																				

UHF - Liquid Cooled Solid
State Transmitter 8.2 - 13
kW

Component Description: A. Transmitter
Amount: \$26,496.64

Component Description: A. Transmitter
Amount: \$92,512.03

Component Description: Transmitter
Amount: \$59,056.81

Component Description: ULXTE-16-E per
Quote GA-
00021469
Amount: \$39,371.20

Component Description: ULXTE-16-E
Amount: \$191,561.43

UHF - Air Cooled Solid
State Transmitter 1 - 2.5
kW

Component Description: UAXTE-2-R37
Amount: \$27,026.51

Component Description: UAXTE-2-E
Amount: \$5,261.08

Component Description: Transmitter, Mask
Filtration Saystem,
Electrical,
Installation & Roof
Amount: \$7,891.62

Component Description: UAXTE-2-R37
Amount: \$5,444.84

Component Description: A. Transmitter
Amount: \$13,318.25

<p>Other Electrical Service: Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to auxiliary transmitter system</p>	<p>Component Description: WFIE-150-1st Auxiliary Transmitter - Other Electrical Services</p> <p>Amount: \$500.37</p>
<p>Other Electrical Service: Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to auxiliary transmitter system</p>	<p>Component Description: WFIE-150-1st Auxiliary Transmitter - Other Electrical Services</p> <p>Amount: \$250.19</p>
<p>Other Electrical Service: Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to auxiliary transmitter system</p>	<p>Component Description: WFIE-150-1st Auxiliary Transmitter - Other Electrical Services</p> <p>Amount: \$750.56</p>
<p>Other Electrical Service: Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to auxiliary transmitter system</p>	<p>Component Description: WFIE-150-1st Auxiliary Transmitter - Other Electrical Services</p> <p>Amount: \$750.56</p>
<p>Other Electrical Service: Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to auxiliary transmitter system</p>	<p>Component Description: WFIE-150-1st Auxiliary Transmitter - Other Electrical Services</p> <p>Amount: \$250.19</p>
<p>Transformer 3 phase/480v - 150 KVA</p>	<p>Information not provided.</p>
<p>Switchgear - industrial 800 amp</p>	<p>Component Description: WFIE-150-1st Auxiliary Transmitter - 800 Amp Switchgear</p> <p>Amount: \$1,197.93</p>

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-WB8	\$219,380.00	\$51,870.15		\$40,393.65	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$0.00	included in quote	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,945.15	Per invoices received	\$6,945.15	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$44,925.00	Please see the attached invoice from Dielectric #MAN00010	\$33,448.50	N/A
Primary Antenna ABBP16H4-HTO-4-14 /46	\$6,730.00	\$6,400.00		\$0.00	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A
Sub-total	\$226,110.00	\$58,270.15	N/A	\$40,393.65	N/A

Total for all systems	\$2,103,900.77	\$1,574,225.16	N/A	\$1,015,241.04	N/A
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Components

Actual Information Description	File Name
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Sweep test of existing antenna	<p>Component Description: Travel, Field Service, Meals & Lodging</p> <p>Amount: \$3,105.15</p> <p>Component Description: Interim Antenna - Sweep Test</p> <p>Amount: \$3,200.00</p> <p>Component Description: Interim antenna sweep test</p> <p>Amount: \$640.00</p>
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	<p>Component Description: Antenna, elbow complex, reducer, transmission line, transformer, repack sweep</p> <p>Amount: \$5,574.75</p> <p>Component Description: Antenna, Elbow Complex, Reducer, Transformer, On-Site Engineer</p> <p>Amount: \$27,873.75</p>

Sweep test of existing
antenna

Information not provided.

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
Primary Transmission Line	\$186,850.00	\$148,816.50		\$116,742.48	
Rigid Transmission Line - copper, 6 1/8"	\$186,850.00	\$148,816.50	Quote attached	\$116,742.48	N/A
Auxiliary Transmission Line	\$214,600.00	\$133,285.60		\$16,298.56	
Rigid Transmission Line - copper, 6 1/8" broadband	\$214,600.00	\$133,285.60	Please see the attached invoice from Dielectric #MAN00008	\$16,298.56	N/A
Sub-total	\$401,450.00	\$282,102.10	N/A	\$133,041.04	N/A
Total for all systems	\$2,103,900.77	\$1,574,225.16	N/A	\$1,015,241.04	N/A

Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 6 1/8"	<p>Component Description: Freight, shipping and handling</p> <p>Amount: \$2,324.19</p>

Component Description: WFIE-310-Primary
Transmission Line
- Rigid Copper, 6 1
/8"

Amount: \$525.20

Component Description: Freight, shipping,
and handling

Amount: \$2,500.75

Component Description: Primary
Transmission Line
- Rigid Copper, 6 1
/8"

Amount: \$1,842.75

Component Description: Dehydrator
3200IM 115/60 PSI
/KPA

Amount: \$15,165.58

Component Description: Rigid transmission
line

Amount: \$13,328.56

Component Description: Rigid transmission
line

Amount: \$14,881.65

Component Description: Rigid transmission
line

Amount: \$78,213.75

Component Description: T/L 6-75 EIA
LENGTH 10' TO
15? FIXED FLG

Amount: \$1,288.61

Rigid Transmission Line -
copper, 6 1/8" broadband

Component Description:

OTHER
FREIGHT,
SHIPPING, AND
HANDLING

Amount:

\$2,970.00

Component Description:

Aux Trans Line

Amount:

\$13,328.56

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	\$381,100.00	\$354,500.00		\$204,500.00	
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$0.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$14,500.00	FDH Velocitel invoices 134561 & 127305. Tower King II, Inc. invoice 3180	\$14,500.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$190,000.00	Tower King II, Inc. Proposal #C-18-069	\$190,000.00	N/A
Sub-total	\$381,100.00	\$354,500.00	N/A	\$204,500.00	N/A
Total for all systems	\$2,103,900.77	\$1,574,225.16	N/A	\$1,015,241.04	N/A

Components

Actual Information	
Description	File Name
Minor tower reinforcement /modifications	Information not provided.

Structural engineering tower load study for well documented tower	Component Description: Structural analysis Amount: \$2,500.00
	Component Description: Structural analysis Amount: \$2,500.00
	Component Description: Tower Service - Mapping of WFIE for Repack - Facility ID # 13991 Amount: \$5,500.00
	Component Description: STNLSA STNL Structural Analysis Amount: \$2,000.00
	Component Description: STNLSA STNL Structural Analysis Amount: \$2,000.00
Tall Tower (greater than 500')	Component Description: Tower Service - Final Balance Installation and removal of transmission line for the FCC Repack project on the 932' G-7 WFIE guyed tower Amount: \$125,000.00
	Component Description: Down Payment Amount: \$65,000.00

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	\$222,370.00	\$208,852.00		\$118,131.75	
Security	<i>\$12,210.00</i>	\$12,210.00	N/A	\$12,210.00	N/A
Additional Field Engineering Service, 1 Days	<i>\$6,500.00</i>	\$6,500.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$21,717.00	per SixArms quote #QU17179	\$18,459.45	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 - 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	\$370.84	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	\$2,000.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$3,601.99	N/A
Project management of the transition	\$94,010.00	\$144,675.00	Widely Strategic Support Quote	\$81,489.47	N/A
Sub-total	\$222,370.00	\$208,852.00	N/A	\$118,131.75	N/A
Total for all systems	\$2,103,900.77	\$1,574,225.16	N/A	\$1,015,241.04	N/A

Components

Actual Information	
Description	File Name
Security	<p>Component Description: Security</p> <p>Amount: \$180.00</p>

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$150.00

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$360.00

Component Description: Security
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Component Description: Security
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Component Description: Security
Amount: \$180.00

Component Description: Security
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Amount: \$180.00

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$180.00

Component Description: Tower Security
Amount: \$360.00

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$270.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$90.00

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$180.00

	<p>Component Description: Security</p> <p>Amount: \$360.00</p>
	<p>Component Description: Security</p> <p>Amount: \$180.00</p>
Additional Field Engineering Service, 1 Days	Information not provided.
Comprehensive coverage verification via field study, if needed	<p>Component Description: Antenna Pattern Reconstitution, Horizontal Polarisation</p> <p>Amount: \$18,459.45</p>
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover 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	<p>Component Description: WFIE-530-RF Eng - Special Temporary Authorization</p> <p>Amount: \$370.84</p>
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

Component Description:

Preparation of Engineering Section FCC form 2100

Amount:

\$2,000.00

Perform engineering study for new channel assignment and antenna development

Component Description: Repack Engineering
Amount: \$335.33

Component Description: Engineering study work for new channel assignment and antenna development.
Amount: \$500.00

Component Description: Repack Engineering
Amount: \$591.66

Component Description: Engineering study work for new channel assignment and antenna development.
Amount: \$125.00

Component Description: Discussions regarding transition to repack Ch-26.
Amount: \$275.00

Component Description: WFIE-530-RF Eng - Engineering Study for New Channel Assignment
Amount: \$1,625.00

Component Description: Consulting Engineer
Amount: \$150.00

Project management of the transition

Component Description:	Consulting Engineer
Amount:	\$850.00
Component Description:	Project management
Amount:	\$7,003.65
Component Description:	Project Management
Amount:	\$2,931.00
Component Description:	Project Management
Amount:	\$38.50
Component Description:	Project Management
Amount:	\$2,532.65
Component Description:	Project Management
Amount:	\$1,580.65
Component Description:	Project Management
Amount:	\$3,032.15
Component Description:	Project Management
Amount:	\$71.86
Component Description:	Project Management
Amount:	\$7,271.20

Component Description: Project Management
Amount: \$2,288.55

Component Description: Project Management
Amount: \$2,292.10

Component Description: Project Management
Amount: \$369.60

Component Description: Project Management
Amount: \$2,674.10

Component Description: Project Management
Amount: \$2,364.40

Component Description: Project Management
Amount: \$2,379.55

Component Description: Project Management
Amount: \$5,649.65

Component Description: Project Management
Amount: \$59.03

Component Description: Project Management
Amount: \$3,705.75

Component Description: Project Management
Amount: \$94.97

Component Description: Project Management
Amount: \$1,954.45

Component Description: Project Management
Amount: \$100.10

Component Description: Project Management
Amount: \$2,917.00

Component Description: Project Management
Amount: \$2,735.45

Component Description: Project Management
Amount: \$2,825.55

Component Description: Project Management
Amount: \$2,845.90

Component Description: Project Management
Amount: \$3,691.30

Component Description: Project Management
Amount: \$4,579.10

Component Description: Project
Management
Amount: \$477.41

Component Description: Project
Management
Amount: \$2,383.45

Component Description: Project
Management
Amount: \$2,459.95

Component Description: Project
management
Amount: \$2,704.25

Component Description: Project
Management
Amount: \$2,137.45

Component Description: Project
Management
Amount: \$2,488.75

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	\$44,608.77	\$36,008.77		\$15,626.33	
Road repairs	<i>\$2,638.77</i>	\$2,638.77	Please see the attached invoice from Mitchell Trucking and Excavating, LLC # 2073	\$2,587.30	N/A
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>\$2,850.00</i>	\$2,850.00	estimate for on air rescan announcement production Quote attached	N/A	N/A
Equipment Storage	<i>\$15,000.00</i>	\$15,000.00	Estimate for Dielectric on site antenna storage Dielectric letter attached	\$489.03	N/A
Equipment Delivery and Handling Charges	<i>\$2,970.00</i>	\$2,970.00	On site forklift rental estimate Representative quote attached	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$9,600.00</i>	\$9,600.00	Please see Electrical assistance Inc. estimate 18-1031-03	\$9,600.00	N/A

DTV Medical Facility Notification	\$11,550.00	\$2,950.00	Group quote attached	\$2,950.00	N/A
Sub-total	\$44,608.77	\$36,008.77	N/A	\$15,626.33	N/A
Total for all systems	\$2,103,900.77	\$1,574,225.16	N/A	\$1,015,241.04	N/A

Components

Actual Information	
Description	File Name
Road repairs	<p>Component Description: 6 loads of rock to wathen lane tower 4 loads of dense grade 2 loads of # 8</p> <p>Amount: \$2,587.30</p>
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	<p>Component Description: 11/2/2018 Delivery Tow Fee - Henderson</p> <p>Amount: \$489.03</p>
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	<p>Component Description: Job Quoted Price</p> <p>Amount: \$9,600.00</p>

DTV Medical Facility Notification	Component Description: Medical Notification Amount: \$2,950.00
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Cost Information **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,103,900.77	\$1,574,225.16	\$1,015,241.04

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
	<p>Submission of Estimated Expenses Statements</p>	<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.

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.

Robert J. Folliard , III
.
Assistant Secretary

12/15/2020

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> 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.

Robert J. Folliard , III
.
Assistant Secretary

12/15/2020

Attachments