



(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 **02/01**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

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

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

Name	Description
Primary Transmitter- Other Expenses	Primary Transmitter- Other Expenses

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	Purchase New
	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	
Model	ABBP16H4- HTO-4-14 /46
Year	2003

**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)	200.0 kW
Manufacturer		

Model	ATW33H4-ETO-26L
Year	2020
Justification for New Antenna	Existing antenna could not be retuned to duplicate WFIEs existing coverage contour

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?	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 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

Name	Description
New Primary Antenna - Beacon	New Primary Antenna - Beacon
New Primary Antenna - Custom Interface	New Primary Antenna - Custom Interface

**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	Gray Media Group, Inc.
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	\$636,090.13	\$510,977.47		\$440,906.17	
Primary Transmitter-Other Expenses	<i>\$80.00</i>	\$80.00	Please see WFIE Primary Transmitter-Other Expenses Budget Revision Justification Letter	N/A	N/A
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
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 V0	\$408,998.11	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
Auxiliary Transmitter UAXTE-2	\$192,251.87	\$123,594.67		\$62,642.10	
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
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
Sub-total	\$828,342.00	\$634,572.14	N/A	\$503,548.27	N/A
Total for all systems	\$2,416,774.68	\$2,402,588.38	N/A	\$1,364,384.80	N/A

Components

Actual Information	
Description	File Name
Primary Transmitter- Other Expenses	Information not provided.
10 Ton system	<p>Component Description: East Equipment Room</p> <p>Amount: \$13,450.00</p>
Transformer 3 phase/480v - 150 KVA	Information not provided.
Switchgear - industrial 800 amp	<p>Component Description: Added Support for Switcher and Transmission Lines</p> <p>Amount: \$1,197.93</p>

UHF - Liquid Cooled Solid
State Transmitter 8.2 - 13
kW

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

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

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

Component Description: Transmitter
Amount: \$59,056.81

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

Other Electrical Service:
Install new conduit, wire,
panel, breakers, and other
necessary equipment to
provide power to primary
transmitter system

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

Component Description: INSTALL
CONDUIT AND
WIRING FOR NEW
TRANSMITTER
EQUIPMENT.
Amount: \$1,726.01

Component Description: 10% of \$19,762.00
Estimate
Amount: \$1,726.01

Component Description: INSTALL
EQUIPMENT
/PANELS.
Amount: \$3,452.03

<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>Component Description: WFIE-150-1st Auxiliary Transmitter - Other Electrical Services</p> <p>Amount: \$750.56</p> <p>Component Description: WFIE-150-1st Auxiliary Transmitter - Other Electrical Services</p> <p>Amount: \$500.37</p> <p>Component Description: WFIE-150-1st Auxiliary Transmitter - Other Electrical Services</p> <p>Amount: \$250.19</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>

UHF - Air Cooled Solid
State Transmitter 1 - 2.5
kW

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

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

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		\$44,233.65	
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
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	\$37,288.50	N/A
Sweep test of existing antenna	\$6,730.00	\$6,945.15	Per invoices received	\$6,945.15	N/A
Primary Antenna ATW33H4-ETO-26L	\$319,523.91	\$230,126.62		\$102,814.50	

New Primary Antenna - Custom Interface	\$20,492.24	\$20,492.24	Please see Electronics Research, Inc. proposal 20200923-531 Rev D (plus 6% tax and freight as shown on invoice WFIE-6000)	\$9,600.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$200,582.71	Please see Electronics Research, Inc. proposal 20200923-531 Rev D (plus 6% tax and freight as shown on invoice WFIE-6000)	\$86,217.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,250.00	Please see Electronics Research, Inc. proposal 20200923-531 Rev D (plus 6% tax and freight as shown on invoice WFIE-6000)	\$5,685.00	N/A

New Primary Antenna - Beacon	<i>\$2,801.67</i>	\$2,801.67	Please see Electronics Research, Inc. proposal 20200923-531 Rev D (plus 6% tax and freight as shown on invoice WFIE-6000)	\$1,312.50	N/A
Sub-total	\$538,903.91	\$281,996.77	N/A	\$147,048.15	N/A
Total for all systems	\$2,416,774.68	\$2,402,588.38	N/A	\$1,364,384.80	N/A

Components

Actual Information	
Description	File Name
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.

<p>UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized</p>	<p>Component Description: Repack Sweep Amount: \$3,840.00</p>
	<p>Component Description: Antenna, elbow complex, reducer, transmission line, transformer, repack sweep Amount: \$5,574.75</p>
	<p>Component Description: Antenna, Elbow Complex, Reducer, Transformer, On-Site Engineer Amount: \$27,873.75</p>
<p>Sweep test of existing antenna</p>	<p>Component Description: Interim antenna sweep test Amount: \$640.00</p>
	<p>Component Description: Travel, Field Service, Meals & Lodging Amount: \$3,105.15</p>
	<p>Component Description: Interim Antenna - Sweep Test Amount: \$3,200.00</p>
<p>New Primary Antenna - Custom Interface</p>	<p>Component Description: WFIE-210-Primary Antenna - Custom Interface Amount: \$9,600.00</p>

<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<p>Component Description: ATW33H4-ETO-26L TRANSMISSION LINE</p> <p>Amount: \$86,217.00</p>
<p>Sweep test of existing antenna</p>	<p>Component Description: WFIE-210-Primary Antenna - Sweep Test</p> <p>Amount: \$2,560.00</p> <p>Component Description: WFIE-210-Primary Antenna - Sweep Test</p> <p>Amount: \$3,125.00</p>
<p>New Primary Antenna - Beacon</p>	<p>Component Description: WFIE-210-Primary Antenna - Beacon</p> <p>Amount: \$1,312.50</p>

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	\$292,718.65		\$194,932.51	
Rigid Transmission Line - copper, 6 1/8"	\$186,850.00	\$292,718.65	please see Estimated Cost Justification WFIE-310-Primary Transmission Line - Rigid Copper V0	\$194,932.51	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	\$426,004.25	N/A	\$211,231.07	N/A
Total for all systems	\$2,416,774.68	\$2,402,588.38	N/A	\$1,364,384.80	N/A

Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 6 1/8"	<p>Component Description: TRANSFORMER 6-50 / 6-75 UHF 3 ST</p> <p>Amount: \$20,909.23</p>

Component Description: IN Sales Tax-
Invoice 614026
Amount: \$62.17

Component Description: WFIE-310-Primary
Transmission Line -
Rigid Copper, 6 1/8"
Amount: \$31,778.76

Component Description: OTHER T/L 3-50
240.00 MF EX
CONN
Amount: \$20,400.00

Component Description: OTHER FREIGHT,
SHIPPING, AND
HANDLING
Amount: \$4,151.71

Component Description: Primary
Transmission Line -
Rigid Copper, 6 1/8"
Amount: \$1,842.75

Component Description: Elbow 3-50 EIA
6.00 X 6.00 CU "QS
Amount: \$888.16

Component Description: WFIE-310-Primary
Transmission Line -
Rigid Copper, 6 1/8"
Amount: \$525.20

Component Description: Dehydrator 3200IM
115/60 PSI/KPA
Amount: \$15,165.58

	<p>Component Description: Rigid transmission line</p> <p>Amount: \$13,328.56</p> <p>Component Description: Freight, shipping and handling</p> <p>Amount: \$2,324.19</p> <p>Component Description: T/L 6-75 EIA LENGTH 10' TO 15? FIXED FLG</p> <p>Amount: \$1,288.61</p> <p>Component Description: Rigid transmission line</p> <p>Amount: \$14,881.65</p> <p>Component Description: Freight, shipping, and handling</p> <p>Amount: \$2,500.75</p> <p>Component Description: Rigid transmission line</p> <p>Amount: \$78,213.75</p>
Rigid Transmission Line - copper, 6 1/8" broadband	<p>Component Description: OTHER FREIGHT, SHIPPING, AND HANDLING</p> <p>Amount: \$2,970.00</p> <p>Component Description: Aux Trans Line</p> <p>Amount: \$13,328.56</p>

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	\$802,805.00		\$339,158.50	
Tall Tower (greater than 500')	\$210,500.00	\$632,805.00	please see Estimated Cost Justification WFIE-410- Existing Primary Tower - Tower Rigging, Tall Tower v1	\$324,658.50	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$20,000.00	please see Estimated Cost Justification WFIE-410- Existing Primary Tower - Structural Engineering Load Study v0	\$14,500.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$0.00	N/A
Sub-total	\$381,100.00	\$802,805.00	N/A	\$339,158.50	N/A
Total for all systems	\$2,416,774.68	\$2,402,588.38	N/A	\$1,364,384.80	N/A

Components

Actual Information**Description****File Name**

Tall Tower (greater than 500')

Component Description:

WFIE-410-
Existing Primary
Tower - Tower
Rigging, Tall
Tower

Amount:

\$134,658.50

Component Description:

Down Payment
\$65,000.00

Amount:**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

Structural engineering tower load study for well documented tower	<p>Component Description: STNLSA STNL Structural Analysis</p> <p>Amount: \$2,000.00</p>
	<p>Component Description: Structural analysis</p> <p>Amount: \$2,500.00</p>
	<p>Component Description: STNLSA STNL Structural Analysis</p> <p>Amount: \$2,000.00</p>
	<p>Component Description: Tower Service - Mapping of WFIE for Repack - Facility ID # 13991</p> <p>Amount: \$5,500.00</p>
	<p>Component Description: Structural analysis</p> <p>Amount: \$2,500.00</p>
Minor tower reinforcement /modifications	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	\$222,370.00	\$221,201.45		\$145,295.35	
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$4,030.54	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	\$34,066.45	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$34,066.45	please see submitted invoices
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
Project management of the transition	\$94,010.00	\$144,675.00	Widely Strategic Support Quote	\$92,617.52	N/A
Security	\$12,210.00	\$12,210.00	N/A	\$12,210.00	N/A
Sub-total	\$222,370.00	\$221,201.45	N/A	\$145,295.35	N/A
Total for all systems	\$2,416,774.68	\$2,402,588.38	N/A	\$1,364,384.80	N/A

Components

Actual Information	
Description	File Name
Perform engineering study for new channel assignment and antenna development	

Component Description: Repack
Engineering
Amount: \$129.49

Component Description: Repack visit to
WFIE
Amount: \$299.06

Component Description: Consulting
Engineer
Amount: \$150.00

Component Description: Repack
Engineering
Amount: \$591.66

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

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

Component Description: Repack
Engineering
Amount: \$335.33

	<p>Component Description: Discussions regarding transition to repack Ch-26.</p> <p>Amount: \$275.00</p> <p>Component Description: WFIE-530-RF Eng - Engineering Study for New Channel Assignment</p> <p>Amount: \$1,625.00</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> <p>Component Description: Ground-Based (ITU 10m/FCC 9.1 m) Field Strength Measurements</p> <p>Amount: \$15,607.00</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.

<p>Prepare request for Special Temporary Authorization</p>	<p>Component Description: WFIE-530-RF Eng - Special Temporary Authorization</p> <p>Amount: \$370.84</p>
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<p>Component Description: Preparation of Engineering Section FCC form 2100</p> <p>Amount: \$2,000.00</p>
<p>Project management of the transition</p>	<p>Component Description: Project Management</p> <p>Amount: \$6,367.95</p> <p>Component Description: Project management</p> <p>Amount: \$4,760.10</p> <p>Component Description: Project Management</p> <p>Amount: \$2,674.10</p> <p>Component Description: Project Management</p> <p>Amount: \$2,845.90</p> <p>Component Description: Project Management</p> <p>Amount: \$2,931.00</p>

Component Description: Project Management
Amount: \$3,032.15

Component Description: Project Management
Amount: \$1,580.65

Component Description: Consulting Engineer
Amount: \$850.00

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

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

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

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

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

Component Description: Project Management
Amount: \$94.97

Component Description: Project
Management
Amount: \$7,271.20

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

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

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

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

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

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

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

Component Description: Project
Management
Amount: \$59.03

Component Description: Project Management
Amount: \$369.60

Component Description: Project management
Amount: \$7,003.65

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

Component Description: Project Management
Amount: \$71.86

Component Description: Project Management
Amount: \$2,532.65

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

Component Description: Project Management
Amount: \$477.41

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

Component Description: Project Management
Amount: \$38.50

Component Description: Project Management
Amount: \$100.10

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

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

Security

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$150.00

Component Description: Security
Amount: \$360.00

Component Description: Tower 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: \$360.00

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$180.00

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

Component Description: Security
Amount: \$360.00

Component Description: Security
Amount: \$90.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$180.00

Component Description: Security
Amount: \$360.00

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

Component Description: Security
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

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		\$18,103.46	
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	\$2,477.13	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	\$18,103.46	N/A
Total for all systems	\$2,416,774.68	\$2,402,588.38	N/A	\$1,364,384.80	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	<p>Component Description: FREIGHT, SHIPPING, AND HANDLING</p> <p>Amount: \$2,436.18</p> <p>Component Description: Freight and Shipping</p> <p>Amount: \$40.95</p>

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Job Quoted Price Amount: \$9,600.00
DTV Medical Facility Notification	Component Description: Medical Notification Amount: \$2,950.00

Cost Information **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,416,774.68	\$2,402,588.38	\$1,364,384.80

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
Folliard , III**
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*Assistant
Secretary*

02/01/2021

Certification	Section	Question	Response
	<p>Submission of Actual Cost Documentation Statements</p>	<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
Folliard , III**
.
*Assistant
Secretary*

02/01/2021

Attachments