

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: File Number:	13991 000002	Service: DTV 24801	Call Sign:	WFIE	Channel: 26 (UHF)
	18223693	Date Submitted:	05/11 /2021		

Applicant Name, Type, and Contact Information

Applicant 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	allfcclms@gray. tv	Limited Liability Company

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer	Preparer Contact Name and Information	Address Phone Email		
Contact Information	Applicant	Address Phone	Phone	Email
	The Preparer is same as the reimbursement contact.			

Broadcaster	Question	Response
Information		
and		
Transition		
Plan		

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	Install side mount interim antenna and connect to existing tx line Station will reuse existing antenna and install new main transmission line.

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

Auxiliary	Add Transmitter Information				
Transmitter	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	Manufacturer			
	Manufacturer and Type	Model	Ranger		
		Year	2009		
		Туре	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power Capacity	1.1 kW		

Auxiliary	New Transmitter Costs	i de la constante de la constant		
Transmitter	Section	Question	Response	
	New TransmitterUseChange TypeIs this a request for upgraded equipment?ManufacturerModelTransmitter TypeSolid State CoolingSolid State Power capacityJustification for New Transmitter	Use	Auxiliary (Backup)	
		Change Type	Purchase New	
		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 retuned Manufacturers letter attached	

Auxiliary Other Transmitter Costs

Transmitter	Section	Question	Response
	Electrical Service Service Entrance (3 phases 800A	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, pane breakers, and other necessary equipment to provide power to auxiliary transmitter system
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	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

Other Transmitter Cost Not Listed

AuxiliaryOther Transmitter CoTransmitterInformation not provided.

Primary	Existing Transmitter Information				
Transmitter	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			
	Manufacturer and Type	Model	Diamond		
		Year	2002		
		Туре	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power Capacity	10 kW		

Existing Transmitter Information

Primary	New Transmitter Costs Primary		
Transmitter	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 retuned Manufacturers letter attached

Primary Other Transmitter Costs

Transmitter	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
	Туре	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 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 Primary Transmitter-Other Expenses Primary Transmitter-Other Expenses

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Add Antenna Information mary		
Antenna	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	Class	Full Power
	Manufacturer and Type	Mounting	Top Mount
		Antenna position in stack	Not in Stack
		Polarization	Horizontal
		Туре	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	New Antenna Costs			
Antenna	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	Class	Full Power	
	Manufacturer and Types	Mounting	Top Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		Туре	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		
			1	

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

Primary Other Antenna Costs

Antenna

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Туре	
	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	Other Antenna Cost Not Listed	
Antenna	Name	Description
	New Primary Antenna - Beacon	New Primary Antenna - Beacon
	New Primary Antenna - Custom Interface	New Primary Antenna - Custom Interface

Interim	New Antenna Costs			
Antenna Section	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	Class	Full Power	
	Manufacturer and Type	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	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

Other Antenna Costs

Interim Antenna

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 Other Antenna Cost Not Listed

Antenna Information not provided.

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Auxiliary	Add Transmission Line		
Transmission	n 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	Manufacturer	
	Line Manufacturer and Type	Туре	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	New Transmission Line		
Transmission	n 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
		Туре	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.

Other Transmission Line Expenses Not Listed Auxiliary Transmission to provided.

ransmissio	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	Manufacturer	
	Line Manufacturer and Type	Туре	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 Existing Transmission Line

Primary	New Transmission Line		
Transmission	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
		Туре	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 Other Transmission Line Expenses Not Listed Transmission

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

marv	Existing	Tower
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Primary	Existing Tower			
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	Do you have a tower registration number?	No	
	Registration	ASR Number		
	Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	37° 53' 14.2" N-	
	1983))	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 Modification Costs

Tower

Tower

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 Rigging Costs

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

Primary Other Tower Expenses Not Listed

Tower Information not provided.

Outside	Section	Question	Response
Professional	Services Costs 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	Prepare and file Form FCC Construction Permit Application	Yes
Services	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	Other Professional Services Expenses Not Listed			
Professional	Services Costs	Description		
	Security	Equipment Security		

Other	Section	Question	Response
Expenses	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 Not Listed

Other Expenses	Other Expenses Not Listed		
	Name	Description	
	Road repairs	Site road repairs	

Transmitters

Cost Information

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	\$636,552.63	\$511,439.97		\$441,448.67	
Primary Transmitter- Other Expenses	\$80.00	\$80.00	Please see WFIE Primary Transmitter- Other Expenses Budget Revision Justification Letter	\$80.00	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
Other Electrical Service: Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to primary transmitter system	\$17,722.63	\$17,722.63	Please see Estimated Cost Justification WFIE-110- 1st Primary Transmitter - Other Electrical Services v0	\$17,722.63	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
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A
Auxiliary Transmitter UAXTE-2	\$192,714.37	\$124,057.17		\$63,104.60	
Other Electrical Service: Install new conduit, wire, panel, breakers, and other necessary equipment to provide power to auxiliary transmitter system	\$2,964.37	\$2,964.37	Please see Estimated Cost Justification WFIE-150- 1st Auxiliary Transmitter - Other Electrical Services v0	\$2,964.37	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	\$829,267.00	\$635,497.14	N/A	\$504,553.27	N/A
Total for all systems	\$2,419,476.34	\$2,405,290.04	N/A	\$1,580,175.24	N/A

Components

Actual Information Description	File Name	
Primary Transmitter- Other Expenses	Component Description: Amount:	Distilled water for new transmitter cooling system \$80.00
10 Ton system	Component Description: Amount:	East Equipment Room \$13,450.00

Other Electrical Service: Install new conduit, wire, panel, breakers, and other necessary equipment to	Component Description:	INSTALL CONDUIT AND WIRING FOR NEW
provide power to primary transmitter system	Amount:	TRANSMITTER EQUIPMENT. \$5,178.04
	Component Description:	Project Management
	Amount:	\$462.50
	Component Description:	10% of \$19,762.00 Estimate
	Amount:	\$1,726.01
	Component Description:	INSTALL CONDUIT AND WIRING FOR NEW TRANSMITTER
	Amount:	EQUIPMENT. \$1,726.01
	Component Description:	Remaining 30% of \$19,762.00 Estimate
	Amount:	\$5,178.04
	Component Description:	INSTALL EQUIPMENT /PANELS.
	Amount:	\$3,452.03
Switchgear - industrial 800 amp		
~h	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: Amount:	Transmitter \$59,056.81
	Component Description: Amount:	A. Transmitter \$92,512.03
	Component Description: Amount:	A. Transmitter \$26,496.64
	Component Description:	ULXTE-16-E per Quote GA-
	Amount:	00021469 \$39,371.20
	Component Description: Amount:	ULXTE-16-E \$191,561.43
Transformer 3 phase/480v - 150 KVA	Information not provided.	

Other Electrical Service: Install new conduit, wire,		
panel, breakers, and other necessary equipment to	Component Description:	WFIE-150-1st Auxiliary
provide power to auxiliary		Transmitter - Other Electrical Services
transmitter system	Amount:	\$750.56
	Component Description:	WFIE-150-1st
		Auxiliary
		Transmitter - Other
		Electrical Services
	Amount:	\$462.50
	Component Description:	WFIE-150-1st
	component Description.	Auxiliary
		Transmitter - Other
		Electrical Services
	Amount:	\$250.19
	Component Description:	WFIE-150-1st
	component Description.	Auxiliary
		Transmitter - Other
		Electrical Services
	Amount:	\$500.37
	Component Description:	WFIE-150-1st
		Auxiliary
		Transmitter - Other
		Electrical Services
	Amount:	\$250.19
	Component Description:	WFIE-150-1st
	Component Description:	Auxiliary
		Transmitter - Other
		Electrical Services
	Amount:	\$750.56

Switchgear - industrial 800 amp	Component Description:	WFIE-150-1st Auxiliary Transmitter - 800	
	Amount:	Amp Switchgear \$1,197.93	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description: Amount:	UAXTE-2-E \$5,261.08	
	Component Description: Amount:	Transmitter, Mask Filtration Saystem, Electrical, Installation & Roof \$7,891.62	
	Component Description: Amount:	UAXTE-2-R37 \$27,026.51	
	Component Description: Amount:	A. Transmitter \$13,318.25	
	Component Description: Amount:	UAXTE-2-R37 \$5,444.84	

Antennas

Cost Information

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

Description Interim Antenna TFU-WB8	Predetermined Cost Estimate \$219,380.00	Estimated Cost \$51,870.15	Estimated Cost Justification	Actual Cost \$44,233.65	Actual Cost Justification
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	\$37,288.50	N/A
Primary Antenna ATW33H4- ETO-26L	\$319,523.91	\$230,126.62		\$102,814.50	

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
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
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

New Primary Antenna - Beacon	\$2,801.67	\$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	\$2,419,476.34	\$2,405,290.04	N/A	\$1,580,175.24	N/A

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		
anoma	Component Description:	Travel, Field Service, Meals & Lodging
	Amount:	\$3,105.15
	Component Description:	Interim antenna
	Amount:	sweep test \$640.00
	Component Description:	Interim Antenna -
		Sweep Test
	Amount:	\$3,200.00

UHF - Lower Power Side Mount, One station - 200- 500 kW, horizontally polarized	Component Description:	Antenna, Elbow Complex, Reducer, Transformer, On-
	Amount:	Site Engineer \$27,873.75
	Component Description: Amount:	Repack Sweep \$3,840.00
	Component Description:	Antenna, elbow complex, reducer, transmission line, transformer, repack sweep
	Amount:	\$5,574.75
Sweep test of existing antenna		
	Component Description:	WFIE-210-Primary Antenna - Sweep Test
	Amount:	\$3,125.00
	Component Description:	WFIE-210-Primary Antenna - Sweep Test
	Amount:	\$2,560.00
UHF - High Power Top Mount (200-1000 kW), One station antenna ,	Component Description:	ATW33H4-ETO-26L TRANSMISSION
elliptically or circularly polarized	Amount:	LINE \$86,217.00
New Primary Antenna -		
Custom Interface	Component Description:	WFIE-210-Primary Antenna - Custom Interface
	Amount:	\$9,600.00

New Primary Antenna -		
Beacon	Component Description:	WFIE-210-Primary
		Antenna - Beacon
	Amount:	\$1,312.50

Transmission Line

Cost Information

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	\$2,419,476.34	\$2,405,290.04	N/A	\$1,580,175.24	N/A

Actual Information Description	File Name	
Rigid Transmission Line - copper, 6 1/8"	Component Description: Amount:	Rigid transmission line \$78,213.75

Component Description: Amount:	OTHER T/L 3-50 240.00 MF EX CONN \$20,400.00
Component Description: Amount:	Freight, shipping and handling \$2,324.19
Component Description: Amount:	WFIE-310-Primary Transmission Line - Rigid Copper, 6 1/8" \$525.20
Component Description: Amount:	T/L 6-75 EIA LENGTH 10' TO 15? FIXED FLG \$1,288.61
Component Description: Amount:	Rigid transmission line \$13,328.56
Component Description: Amount:	Rigid transmission line \$14,881.65
Component Description: Amount:	Dehydrator 3200IM 115/60 PSI/KPA \$15,165.58
Component Description: Amount:	OTHER FREIGHT, SHIPPING, AND HANDLING \$4,151.71

	Component Description: Amount:	Elbow 3-50 EIA 6.00 X 6.00 CU "QS \$888.16
	Component Description: Amount:	TRANSFORMER 6- 50 / 6-75 UHF 3 ST \$20,909.23
	Component Description: Amount:	Primary Transmission Line - Rigid Copper, 6 1/8" \$1,842.75
	Component Description: Amount:	Freight, shipping, and handling \$2,500.75
	Component Description: Amount:	WFIE-310-Primary Transmission Line - Rigid Copper, 6 1/8" \$31,778.76
	Component Description: Amount:	IN Sales Tax- Invoice 614026 \$62.17
Rigid Transmission Line - copper, 6 1/8" broadband	Component Description: Amount:	OTHER FREIGHT, SHIPPING, AND HANDLING \$2,970.00
	Component Description: Amount:	Aux Trans Line \$13,328.56

Tower Equipment and Rigging Costs

Cost Information

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		\$527,459.50	
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$96,057.00	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	\$20,000.00	N/A
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	\$411,402.50	N/A
Sub-total	\$381,100.00	\$802,805.00	N/A	\$527,459.50	N/A
Total for all systems	\$2,419,476.34	\$2,405,290.04	N/A	\$1,580,175.24	N/A

Actual Information Description	File Name	
Minor tower reinforcement /modifications	Component Description: Amount:	Final PMT 50% \$45,903.50
	Component Description: Amount:	Down PMT 50% \$2,125.00
	Component Description: Amount:	Down PMT 50% \$45,903.50
	Component Description: Amount:	Final PMT 50% \$2,125.00

Structural engineering tower load study for well documented tower	Component Description: Amount:	Down PMT 50% \$2,750.00
	Component Description: Amount:	Structural analysi \$2,500.00
	Component Description: Amount:	Final PMT 50% \$2,750.00
	Component Description: Amount:	STNLSA STNL Structural Analysi \$2,000.00
	Component Description:	Tower Service - Mapping of WFIE for Repack - Facility ID # 1399
	Amount:	\$5,500.00
	Component Description: Amount:	STNLSA STNL Structural Analysi \$2,000.00
	Component Description: Amount:	Structural analysis \$2,500.00

Tall Tower (greater than		
500')		
	Component Description:	Down Payment
	Amount:	\$65,000.00
	Component Description:	ATW33H4-ETO-
		26L
	Amount:	
	Amount:	\$86,744.00
	Component Description:	WFIE-410-
		Existing Primary
		Tower - Tower
		Rigging, Tall
		Tower
	Amount:	\$134,658.50
	Anount.	ψ10 4 ,000.00
	Component Description:	Tower Service -
		Final Balance
		Installation and
		removal of
		transmission line
		for the FCC
		Repack project o
		the 932' G-7 WFI
		guyed tower
	Amount:	\$125,000.00

Outside Professional Services

Cost Information

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 Cc Justificat
Outside Professional Services	\$222,370.00	\$221,201.45		\$169,510.26	
Security	\$12,210.00	\$12,210.00	N/A	\$12,210.00	N/A
Additional Field Engineering Service, 1 Days	\$6,500.00	\$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 se submitte invoice:
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	\$4,880.54	N/A
Project management of the transition	\$94,010.00	\$144,675.00	Widelity Strategic Support Quote	\$115,982.43	N/A
Sub-total	\$222,370.00	\$221,201.45	N/A	\$169,510.26	N/A
Total for all systems	\$2,419,476.34	\$2,405,290.04	N/A	\$1,580,175.24	N/A

Components

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Actual Information Description	File Name	
Security		
	Component Description:	Security
	Amount:	\$180.00

Component Description:	Security
Amount:	\$180.00
Component Description:	Security
Amount:	\$180.00
Component Description:	Security
Amount:	\$180.00
Component Description:	Security
Amount:	\$180.00
Component Description:	Security
Amount:	\$270.00
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:	\$360.00
Component Description:	Security
Amount:	\$360.00

Component Description:	Tower 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:	\$360.00
Component Description:	Security
Amount:	\$360.00
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:	\$360.00

Component Description:	Security
Amount:	\$360.00
Component Description:	Security
Amount:	\$180.00
Component Description:	Security
Amount:	\$360.00
Component Description:	Security
Amount:	\$180.00
Component Description:	Security
Amount:	\$150.00
Component Description:	Security
Amount:	\$360.00
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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Amount:	\$360.00

Component Description:	Security
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Component Description:	Security
Amount:	\$360.00
Component Description:	Security
Amount:	\$180.00
Component Description:	Security
Amount:	\$180.00
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: Amount:	Security \$180.00
	Component Description: Amount:	Security \$180.00
Additional Field Engineering Service, 1 Days	Information not provided.	
Comprehensive coverage verification via field study, if needed	Component Description:	Antenna Pattern Reconstitution, Horizontal
	Amount:	Polarisation \$18,459.45
	Component Description: Amount:	Ground-Based (ITU 10m/FCC 9. m) Field Strength Measurements \$15,607.00
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	Component Description:	WFIE-530-RF En - Special Temporary

(main), License to Cover Application		
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	Component Description:	Repack
development		Engineering
	Amount:	\$591.66
	Component Description:	Repack
		Engineering
	Amount:	\$335.33
	Component Description:	WFIE-530-RF Eng
	·····	- Engineering
		Study for New
		Channel
	A	Assignment
	Amount:	\$1,625.00
	Component Description:	Consulting
		Engineer
	Amount:	\$150.00
	Component Description:	Discussions
	•	regarding transitio
		to repack Ch-26.
	Amount:	\$275.00

	Component Description: Amount: Component Description:	Engineering study work for new channel assignment and antenna development. \$500.00 Repack visit to
	Amount:	WFIE \$299.06
	Component Description: Amount:	Repack Engineering \$129.49
	Component Description: Amount:	Engineer \$850.00
	Component Description: Amount:	Engineering study work for new channel assignment and antenna development. \$125.00
Project management of the transition	Component Description: Amount:	Project management \$4,760.10
	Component Description: Amount:	Project Management \$2,379.55

Component Description: Amount:	Project Management \$2,674.10
Component Description: Amount:	Project Management \$5,853.30
Component Description: Amount:	WFIE-510-Project Management \$237.16
Component Description: Amount:	Project Management \$4,579.10
Component Description: Amount:	Project Management \$1,580.65
Component Description: Amount:	Project Management \$2,137.45
Component Description: Amount:	Project Management \$71.86
Component Description: Amount:	Project Management \$94.97
Component Description: Amount:	Project Management \$2,845.90

Component Description: Amount:	Project Management \$2,288.55
Component Description: Amount:	Project Management \$7,271.20
Component Description: Amount:	Project Management \$38.50
Component Description: Amount:	Project Management \$2,364.40
Component Description: Amount:	Project Management \$3,691.30
Component Description: Amount:	Project Management \$477.41
Component Description: Amount:	Project Management \$369.60
Component Description: Amount:	Project Management \$6,367.95
Component Description: Amount:	Project Management \$2,292.10

Component Description: Project management \$2,704.25 Amount: **Component Description:** Project Management Amount: \$2,488.75 **Component Description:** Project Management Amount: \$6,985.65 **Component Description:** Project Management \$2,825.55 Amount: **Component Description:** Project Management Amount: \$3,032.15 **Component Description:** Project Management Amount: \$5,649.65 **Component Description:** Project Management Amount: \$1,954.45 **Component Description:** Project Management Amount: \$2,917.00 **Component Description:** Project Management \$2,931.00 Amount:

Component Description: Amount:	Project Management \$2,459.95
Component Description: Amount:	Project Management \$3,705.75
Component Description: Amount:	Project management \$7,003.65
Component Description: Amount:	Project Management \$59.03
Component Description: Amount:	Project Management \$2,735.45
Component Description: Amount:	Invoice moved to correct budget category. N/A
Component Description: Amount:	Project Management \$100.10
Component Description: Amount:	Project Management \$11,138.80
Component Description: Amount:	Project Management \$2,532.65

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

Other Expenses

Cost Information

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 Cos Justificatio
Other Expenses	\$46,385.43	\$37,785.43		\$20,372.99	
Road repairs	\$2,638.77	\$2,638.77	Please see the attached invoice from Mitchell Trucking and Excavating, LLC # 2073	\$2,587.30	N/A
Develop and air announcement of upcoming channel change	\$2,850.00	\$2,850.00	estimate for on air rescan announcement production Quote attached	N/A	N/A
Equipment Storage	\$15,000.00	\$15,000.00	Estimate for Dielectric on site antenna storage Dielectric letter attached	\$489.03	N/A
Equipment Delivery and Handling Charges	\$4,746.66	\$4,746.66	Please see Estimated Cost Justification WFIE-610- Equipment Delivery and Handling v0	\$4,746.66	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$9,600.00	\$9,600.00	Please see Electrical assistance Inc. estimate 18- 1031-03	\$9,600.00	N/A

MVPD Notification of Channel Change	\$0.00	\$0.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,950.00	Group quote attached	\$2,950.00	N/A
Sub-total	\$46,385.43	\$37,785.43	N/A	\$20,372.99	N/A
Total for all systems	\$2,419,476.34	\$2,405,290.04	N/A	\$1,580,175.24	N/A

Actual Information Description	File Name	
Road repairs		
	Component Description:	6 loads of rock to wathen lane
		tower 4 loads of dense grade 2
	Amount:	loads of # 8 \$2,587.30
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage		
	Component Description:	11/2/2018 Delivery Tow Fee - Henderson
	Amount:	\$489.03

Equipment Delivery and Handling Charges	Component Description: Amount:	Pallet Truck \$2,269.53
	Component Description: Amount:	Freight and Shipping \$40.95
	Component Description: Amount:	FREIGHT, SHIPPING, AND HANDLING \$2,436.18
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Job Quoted Price \$9,600.00
MVPD Notification of Channel Change	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	Medical Notification \$2,950.00

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,419,476.34	\$2,405,290.04	\$1,580,175.24

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		 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. 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).
- 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, tha an authorized representative of the ab named applicant for the Authorization(specified above.	ove- Folliard , III

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).	
		 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).
- 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 05/11/2021

Attachments

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