

Federal Communications Commission

# (REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility ID: File	3228 S	Service: <b>DTV</b> 5076	Call Sign:	WFXG	Channel: <b>36 (UHF)</b>
Number:					
FRN: 002	28123180	Date	06/15		
		Submitted:	/2020		

# Applicant Name, Type, and Contact Information

# Applicant Information

Applicant	Address	Phone	Email	Applicant Type
AUGUSTA TV LLC Doing Business As: AUGUSTA TV LLC	220 SALTERS CREEK ROAD HAMPTON, VA 23661 United States	+1 (757) 726- 0136	DHANNA@LOCKWOODBROADCAST. COM	Limited Liability Company

# Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

# Preparer Ontact Name and Information

Contact Information	Applicant	Address	Phone	Email
	Samuel Hariton Widelity	4301 University Drive Ste. 100 Fairfax, VA 22030 United States	+1 (339) 222- 8107	sam.hariton@widelity. com

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 interim antenna and line Install new top mounted antenna and connect to existing line Retune main and backup transmitters.

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

# Primary Existing Transmitter Information

Transmitter	Section	Question	Response
	Existing Transmitter Description	Type of change	Retune Existing
		Use	Primary (Main)
		Ownership	Owned
	Owner Is this transmitter cur another station?	Owner	N/A
		Is this transmitter currently shared with another station?	No
		Is this transmitter currently in operating condition?	Yes
	Existing Transmitter	Manufacturer	GatesAir
	Manufacturer and Type	Model	ULXT40AT
		Year	2016

Туре	Solid State
Solid State Cooling	Liquid Cooled
Solid State Power capacity	31 kW

# **Retuning Transmitter Costs** Primary Transmitter

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	60 kW
	Other Power	N/A
New Exciter	Is a new exciter needed?	No

# **Other Transmitter Costs** Primary

Transmitter	Section	Question	Response
	Electrical Service	Service Entrance (3 phases 800A 208V)	No
		Switchgear (industrial 800 amp)	No
		Transformer (480V)	No
		Power	N/A
		Rigid Conduit and Wiring	No
		Size	N/A
		Length	N/A
		Other Electrical Service	No
		Description	N/A
	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

# Primary Other Transmitter Cost Not Listed

Transmitter Information not provided.

# Auxiliary Add Transmitter Information

Transmitter	Section	Question	Response
	Existing Transmitter Description	Type of change	Retune Existing
		Use Ownership Owner Is this transmitter currently shared with another station?	Auxiliary (Backup)
			Owned
			N/A
			No
		Is this transmitter currently in operating condition?	Yes
	Existing Transmitter	Manufacturer	GatesAir
	Manufacturer and Type	Model	UAXT-3AT
		Year 20	2016
		Туре	Solid State
		Solid State Cooling	Air Cooled

Auxiliary Retuning Transmitter Costs
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Transmitter

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	3 kW
	Other Power	N/A
New Exciter	Is a new exciter needed?	No

# Auxiliary Other Transmitter Costs

Transmitter	Section	Question	Response
	Electrical Service	Service Entrance (3 phases 800A 208V)	No
		Switchgear (industrial 800 amp)	No
		Transformer (480V)	No
		Power	N/A
		Rigid Conduit and Wiring	No
		Size	N/A
		Length	N/A
HVAC Se		Other Electrical Service	No
		Description	N/A
	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.

## **New Transmitter Costs** Interim

Transmitter Section New Transmit	Section	Question	Response
	New Transmitter	Use	Interim
		Description of Use	N/A
		Change Type	Purchase
		Manufacturer	
		Model	ULXTE-50
		Transmitter Type	Solid State
		Solid State Cooling	Liquid Cooled
		Solid State Power capacity	31.7 kW
			1

Justification for New Transmitter	Due to lack of availabilit for manufacture to retune existing primary transmitter, the previous repack plan would result a loss of approx 49% of current market coverage during a
	the previous
	_
	retuning a
	delay of at
	least 6 months.
	Interim
	transmitter
	prevents thi
	loss

# Other Transmitter Costs

Transmitter     Section       Electrical Service	Section	Question	Response
	Electrical Service	Service Entrance (3 phases 800A 208V)	No
		Switchgear (industrial 800 amp)	No
		Transformer (480V)	Yes
		Power	150 kVA
		Rigid Conduit and Wiring	No
		Size	N/A
		Length	N/A
		Other Electrical Service	Yes

	Description	New panel, breakers, wire, power supply and labor
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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

# Other Transmitter Cost Not Listed

# Interim Transmitter

Name	Description
RF Accessories	Additional RF parts outlined in GatesAir Quote Q-79384.
Mask Filter System	Mask Filter required for interim transmitter to function on antenna system. See GatesAir Quote Q-79384.
Interim Transmitter Installation	Costs of interim transmitter installation outline in GatesAir Quote Q-79384

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

Primary	Existing Antenna Information			
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 the existing antenna shared with another station or stations?	No	
		Is the existing antenna directional?	No	
		Is antenna in operating condition?	Yes	
		Is antenna located on or in close proximity to an antenna farm?	No	
	Existing Antenna	Class	Full Power	
	Manufacturer and Type	Mounting	Top Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels	N/A	
		Design power capacity in use	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	413.0 kW	

Manufacturer	
Model	TFU- 30GTH O4
Year	2016

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?	No	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Types	Class	Full Power	
		Mounting	Top Mount	
		Antenna position in stack	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)	27.5 kW	
		Manufacturer		
			1	

Model	TFU-26JTH /VP-R
Year	2019
Justification for New Antenna	Existing antenna can not be retuned Station is licensed v- pol.

# 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<br/>AntennaOther Antenna Cost Not ListedInformation 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	
	New Antenna	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	
		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)	413.0 kW	
		Manufacturer		
		Model	TFU-8WB	
		Year	2019	

Interim Antenna	Other Antenna Costs			
	Section	Question	Response	
	Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No	
		Broadband or Single Channel?	N/A	
		Feed Line Size	N/A	
	Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	No	
	Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No	
	Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes	

Interim 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

# Add Transmission Line Transmission Line

nsmissio	n Line Section	Question	Response
	Existing Transmission Line Description	Type of change	Utilize Existing
		Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is this transmission currently shared with any other stations?	No
		Is Transmission Line in operating condition?	Yes
	Existing Transmission	Manufacturer	Dielectric
	Line Manufacturer and Type	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	1250 feet per run

# Primary Other Transmission Line Expenses Not Listed

Transmissior	Naine	Description
	Transmission Line Expenses	This category is a result of an LMS bug that requires an estimated cost when utilizing existing line.

# New Transmission Line Transmission Line

ansmissio	n Line Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Rigid
		Diameter	4 1/16 inches
		Segment Length	20'
		Other Segment Length	
		Number of parallel runs	1
		Length	980 feet per run
		Justification for New Transmission Line	interim line to be used during new antenna installation and connection to existing line

# Interim Other Transmission Line Expenses Not Listed

Transmission hometion not provided.

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

# **Existing Tower**

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?	Yes	
	Existing Tower Structure	Do you have a tower registration number?	Yes	
	Registration	ASR Number	1045869	
	Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	33° 25' 01.0" N-	
		Longitude (NAD83)	081° 50' 05.0" W-	
		Overall Structure Height	1154.84 feet	
		Support Structure Height	1099.07 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	400.26 feet	

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Southeastern Media Holdings, Inc.
Date Constructed	09/14/1990

# Primary Tower Modification Costs

Tower

Tower

# SectionQuestionResponseEngineering StudyPlease what type of engineering study is<br/>required, if any:Study needed<br/>for documented<br/>towerTower ReinforcementsPlease select whether tower reinforcements<br/>are needed:Minor<br/>Reinforcements<br/>needed

# Primary Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	Yes

# Primary Other Tower Expenses Not Listed

**Tower** Information not provided.

Outside Professional	Section	Question	Response
	I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	300
		Explanation	Pattern analysis Antenna Spec Transmitter Spec Building drawings Installation Supervision Accounting Internal Legal
	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	Yes
	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	No
	Number of Days	N/A
	Justification	N/A

# Other Professional Services Expenses Not Listed

Outside	Other Professional Services Expenses Not Listed		
Professiona	Services Costs	Description	
	Attorney Fees - Other Matters	Legal Services	

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		
	Site Security	Security of transmitter site during tower crew repack		

# Transmitters

# Cost Information

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

Description Interim Transmitter ULXTE-50	Predetermined Cost Estimate \$1,093,356.20	Estimated Cost \$1,077,100.41	Estimated Cost Justification	Actual Cost \$1,024,453.01	Actual Cost Justification
Interim Transmitter Installation	\$68,899.73	\$68,899.73	see Estimated Cost Justification WFXG-180- New Interim Transmitter - Installation and Proofing v0	\$68,899.72	N/A
Mask Filter System	\$38,622.24	\$38,622.24	see Estimated Cost Justification WFXG-180- New Interim Transmitter - Mask Filter System v0	\$38,622.24	N/A
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	\$867,471.20	\$867,471.20	see Estimated Cost Justification WFXG-180- New Interim Transmitter - GatesAir ULXTE-50 v0	\$836,673.24	N/A

Other Electrical Service: New panel, breakers, wire, power supply and labor	\$24,000.00	\$24,000.00	Per Voltz Electrical Services Proposal	\$2,163.57	N/A
RF Accessories	\$67,805.82	\$67,805.82	see Estimated Cost Justification WFXG-180- New Interim Transmitter - RF Accessories v0	\$67,805.82	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$9,294.21	see Estimated Cost Justification WFXG-180- New Interim Transmitter - Electrical Costs - Transformer 150 KVA v0	\$9,281.21	invoice

Other Electrical Service: Surge Suppressor	\$1,007.21	\$1,007.21	***System Notice: Estimate adjusted and locked because line has been superseded. ***see Estimated Cost Justification WFXG-180- New Interim Transmitter - Surge Suppressor v0	\$1,007.21	invoices
Primary Transmitter ULXT40AT	\$194,600.00	\$69,317.36		\$48,137.52	
60 kW mask filter	\$89,400.00	\$0.00	included in main tx quote	N/A	N/A
UHF and VHF - minor banding issues	\$105,200.00	\$69,317.36	Quote attached (GA- 00021679)	\$48,137.52	N/A
Auxiliary Transmitter UAXT-3AT	\$109,355.00	\$11,141.60		\$2,785.40	
3 kW mask filter	\$4,155.00	\$0.00	included in backup tx quote	N/A	N/A
UHF and VHF - minor banding issues	\$105,200.00	\$11,141.60	Quote attached	\$2,785.40	N/A
Sub-total	\$1,397,311.20	\$1,157,559.37	N/A	\$1,075,375.93	N/A

# Components

Actual Information Description	File Name	
Interim Transmitter Installation	Component Description: Amount:	Travel and Setup \$450.00
	Component Description:	WFXG-180-New Interim Transmitter - Installation and Proofing
	Amount:	\$21,060.47
	Component Description:	WFXG-180-New Interim Transmitter - Installation and Proofing:
	Amount:	\$21,060.47
	Component Description:	WFXG-180-New Interim Transmitter - Installation and Proofing
	Amount:	\$26,114.98
	Component Description:	Home Depot Hand Trucks for Transmitter
	Amount:	\$213.80

Mask Filter System		
	Component Description:	Mask Filter
	Amount:	\$14,550.56
	Component Description:	WFXG-180-New
		Interim Transmitter
		- Mask Filter
		System
	Amount:	\$11,734.32
	Component Description:	WFXG-180-New
		Interim Transmitter
		- Mask Filter
		System
	Amount:	\$11,734.32
	Component Description:	WFXG-180-New
		Interim Transmitter
		- Mask Filter
	A	System
	Amount:	\$603.04

UHF - Liquid Cooled Solid State Transmitter 31.7 kW	Component Description: Amount:	Transmitter \$246,647.31
	Component Description:	1/3 down payment ULXTE-50
	Amount:	Transmitter \$259,565.30
	Component Description:	ULXTE-50 Transmitter
	Amount:	\$259,565.31
	Component Description:	ULXTE-50 Transmitter
	Amount:	\$57,082.26
	Component Description:	WFXG-180-New Interim Transmitter - GatesAir ULXTE- 50
	Amount:	\$10,788.06
	Component Description:	WFXG-180- New Interim Transmitter - GatesAir ULXTE- 50
	Amount:	\$3,025.00

Other Electrical Service: New panel, breakers, wire, power supply and labor	Component Description:	WFXG-180-New Interim Transmitter
	Amount:	- Other Electrical \$25.88
	Component Description:	Boxes, 220v 20 amp cord body,
	Amount:	220v 20 amp outlet \$1,513.22
	Component Description: Amount:	Other Electrical \$624.47
RF Accessories	Component Description: Amount:	RF Accessories \$25,545.19
	Component Description:	WFXG-180-New Interim Transmitter
	Amount:	- RF Accessories \$20,600.96
	Component Description:	WFXG-180-New Interim Transmitter
	Amount:	- RF Accessories \$20,600.96
	Component Description:	WFXG-180-New Interim Transmitter - RF Accessories
	Amount:	\$1,058.71

Transformer 3 phase/480v - 150 KVA	Component Description: Amount:	Transformer \$3,098.68
	Component Description:	WFXG-180-New Interim Transmitter - Electrical Costs - Transformer 150
	Amount:	KVA \$2,498.93
	Component Description:	WFXG-180-New Interim Transmitter - Electrical Costs - Transformer 150 KVA
	Amount:	\$2,498.93
	Component Description:	WFXG-180-New Interim Transmitter - Electrical Costs - Transformer 150
	Amount:	KVA \$128.42
	Component Description:	SECURED AND LOCKED GENERATOR OU
	Amount:	\$1,056.25

Other Electrical Service: Surge Suppressor	Component Description:	WFXG-180-New Interim Transmitter - Surge
	Amount:	Suppressor \$503.60
	Component Description:	WFXG-180-New Interim Transmitter - Surge Suppressor
	Amount:	\$503.61
60 kW mask filter	Information not provided.	
UHF and VHF - minor banding issues	Component Description:	Channel Change ULXT-40AT \$32,091.68
	Component Description:	Channel change
	Amount:	ULXT-40AT \$9,627.50
	Component Description: Amount:	Channel change ULXT-40AT \$6,418.34
3 kW mask filter	Information not provided.	
UHF and VHF - minor banding issues	Component Description: Amount:	channel change UAXT-3AT \$1,114.16
	Component Description: Amount:	Channel Change & Proof \$1,671.24
	Amount:	φ1,0/1.24

# Antennas

# 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
Interim Antenna TFU-8WB	\$196,230.00	\$169,815.90		\$69,023.83	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$163,415.90	Please see the attached quote from DIELECTRIC # 575001	\$62,623.83	N/A
Primary Antenna TFU-26JTH /VP-R	\$296,230.00	\$223,590.00		\$167,692.50	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$4,800.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$217,190.00	Please see the attached quote from DIELECTRIC # 570001	\$162,892.50	N/A
Sub-total	\$492,460.00	\$393,405.90	N/A	\$236,716.33	N/A

Total for	\$2,691,733.90	\$2,436,889.64	N/A	\$1,862,735.62	N/A
all					
systems					

# Components

Actual Information Description	File Name	
Sweep test of existing antenna	Component Description: Amount:	Other Includes one field engineer on site \$960.00
	Component Description:	WFXG-280- Interim Antenna - Sweep Test
	Component Description: Amount:	\$3,200.00 Interim Antenna \$640.00
	Component Description:	WFXG-280- Interim Antenna - Sweep Test
	Amount:	\$1,600.00

UHF - Lower Power Side Mount, One station - 200- 500 kW, horizontally polarized	Component Description: Amount:	Freight and Shipping \$881.94
	Component Description: Amount:	Freight and Shipping \$7,410.15
	Component Description: Amount:	QO disconnect 200 amp \$2,107.88
	Component Description: Amount:	ANTENNA \$27,873.75
	Component Description: Amount:	GA Sales Tax \$3,450.24
	Component Description:	Other - elbow complex, broadband, at antenna input
	Amount:	\$1,388.25
	Component Description: Amount:	ANTENNA \$13,936.87
	Component Description: Amount:	Interim Antenna, Elbow Complex, Reducer \$5,574.75
		ψ0,01 τ.10

Sweep test of existing antenna	Component Description:	WFXG-210- Primary Antenna -
	Amount:	Sweep Test \$1,600.00
	Component Description:	WFXG-210- Primary Antenna - Sweep Test
	Amount:	\$3,200.00
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	Component Description:	ANTENNA - UHF TOP MOUNT ONE STATION
	Amount:	(200-1,000KW) \$54,297.50
	Component Description:	ANTENNA - UHF TOP MOUNT ONE STATION
	Amount:	(200-1000KW) \$108,595.00

#### **Transmission Line**

#### Cost Information

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

Description Interim Transmission Line	Predetermined Cost Estimate \$139,160.00	Estimated Cost \$142,624.17	Estimated Cost Justification	Actual Cost \$108,518.91	Actual Cost Justification
Rigid Transmission Line - copper, 4 1 /16"	\$139,160.00	\$142,624.17	Per Estimated Cost Justification WFXG-380- Interim Transmission Line - Rigid Copper v0; Attached quote to be modified to reflect 20' sections as opposed to broadband	\$108,518.91	N/A
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Transmission Line Expenses	\$0.00	\$0.00	This category is created due to an LMS bug requiring estimated costs for utilizing existing line.	N/A	N/A
Sub-total	\$139,160.00	\$142,624.17	N/A	\$108,518.91	N/A
Total for all systems	\$2,691,733.90	\$2,436,889.64	N/A	\$1,862,735.62	N/A

Actual Information Description	File Name	
Rigid Transmission Line -		
copper, 4 1/16"		
	Component Description:	Interim
	<b>A</b>	Transmission Line
	Amount:	\$10,766.84
	Component Description:	Freight and
		Shipping
	Amount:	\$4,725.00
	<b>Component Description:</b>	T/L 4-50 EIA
		LENGTH 10' TO 15
		FIXED FLG
	Amount:	\$152.20
	Component Description:	WFXG-380-Interim
		Transmission Line -
		Rigid Copper, 4 1 /16"
	Amount:	\$53,834.20
	Amount.	ψ <b>33,03</b> 4.20
	Component Description:	T/L 4-50 EIA
		LENGTH 5' to 10'
		FIXED FLG 1 END/
		SWIVEL FLG 1
		END
	Amount:	\$5,358.64
	Component Description:	WFXG-380-Interim
		Transmission Line
		Rigid Copper, 4 1
		/16"
	Amount:	\$143.76
		<b>*</b>
	Component Description:	RIGID
		TRANSMISSION
		LINE -COPPER

	Component Description:	Other Freight and Shipping
	Amount:	\$6,621.17
	Component Description:	WFXG-380-Interim
		Transmission Line -
		Rigid Copper, 4 1
		/16"
	Amount:	\$26,917.10
Transmission Line	Information not provided.	
Expenses		

# **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	\$437,500.00	\$434,990.00		\$331,990.00	
Tall Tower (greater than 500')	\$210,500.00	\$272,090.00	Please see Estimated Cost Justification WFXG-410- Existing Primary Tower - Tower Rigging, Tall Tower v0	\$272,090.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$6,500.00	N/A	\$3,500.00	N/A
Tower Helicopter Lift	\$56,400.00	\$56,400.00	Please see the attached proposal C- 19-009 and invoice #3281 from Tower King II, Inc	\$56,400.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$100,000.00	N/A	\$0.00	N/A
Sub-total	\$437,500.00	\$434,990.00	N/A	\$331,990.00	N/A
Total for all systems	\$2,691,733.90	\$2,436,889.64	N/A	\$1,862,735.62	N/A

Actual Information Description	File Name	
Tall Tower (greater than 500')	Component Description:	Transmission /antenna air leak investigation from 9/11-9/13
	Amount:	\$5,290.00
	Component Description:	WFXG-410- Existing Primary Tower - Tower Rigging, Tall Tower
	Amount:	\$82,549.50
	Component Description:	Final Balance of Contract for WFXG-TV
	Amount:	\$184,250.50
Structural engineering tower load study for well documented tower	Component Description: Amount:	POL \$3,500.00
Tower Helicopter Lift	Component Description: Amount:	Tower Service \$17,450.50
	Component Description:	WFXG-410- Existing Primary Tower - Helicopter
	Amount:	Lift \$38,949.50

Minor tower reinforcement /modifications	Component Description:	This invoice has been moved to another
	Amount:	component. N/A

## **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 Cost Justification
Outside Professional Services	\$161,728.70	\$253,223.70		\$68,397.95	
Project management of the transition	\$47,400.00	\$144,675.00	Widelity Strategic Support Quote	\$61,198.45	N/A
Attorney Fees - Other Matters	\$2,048.70	\$2,048.70	see Estimated Cost Justification WFXG-550- Attorney - Other Matters v2	\$2,048.70	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$2,168.10	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$765.50	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	\$1,750.00	Per Smith and Fisher Statement of Engineering Services for STA cost breakdown	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,625.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$592.20	N/A
Sub-total	\$161,728.70	\$253,223.70	N/A	\$68,397.95	N/A
Total for all systems	\$2,691,733.90	\$2,436,889.64	N/A	\$1,862,735.62	N/A

Actual Information Description	File Name	
Project management of the transition	Component Description: Amount:	Project Management \$2,163.70
	Component Description: Amount:	Project Management \$668.75
	Component Description: Amount:	Project Management \$2,026.85
	Component Description: Amount:	Project Management \$6,506.60
	Component Description: Amount:	Project Management \$4,139.80
	Component Description: Amount:	Project Management \$4,921.25
	Component Description: Amount:	Project Management \$3,193.75

Component Description:	Project Management- Reviewed interim transmitter specifications, checked installation requirements \$1,614.43
Component Description: Amount:	Project Management \$59.03
Component Description: Amount:	Project Management \$2,689.10
Component Description: Amount:	Project Management \$1,622.50
Component Description: Amount:	Project Management \$210.00
Component Description: Amount:	Project Management \$2,597.49
Component Description: Amount:	Project Management \$1,038.75
Component Description: Amount:	Project Management \$2,793.75

Component Description: Amount:	Project Management \$9,099.15
Component Description: Amount:	Project Management \$2,236.95
Component Description: Amount:	Project Management \$810.00
Component Description: Amount:	Project Management \$172.50
Component Description: Amount:	Project management \$2,140.25
Component Description: Amount:	Project Management \$3,117.55
Component Description: Amount:	Repack Engineering \$2,492.80
Component Description: Amount:	Project Management \$2,484.65
Component Description: Amount:	Project Management \$2,398.85

Attorney Fees - Other Matters	Component Description:	Legal Services
	Amount:	\$49.00
	Component Description:	RE: WFXG
		Repack Legal
	Amount:	Services (3228) \$49.00
	Amount.	\$49.00
	Component Description:	RE: WFXG
		Repack Legal
		Services (3228)
	Amount:	\$441.80
	Component Description:	WFXG-550-
		Attorney - Other
		Matters
	Amount:	\$490.00
	Component Description:	Legal services
	Amount:	\$1,018.90
Comprehensive coverage verification via field study, if needed	Information not provided.	
Attorney Fees - Prepare		
and File request for Special Temporary Authorization	Component Description:	RE: WFXG
		Repack Legal
	Amount:	Services (3228) \$2,168.10
	Amount:	φ <b>2,100.1</b> 0
Attorney Fees -Prepare and		
File FCC Form 2100 (main), License to Cover Application	Component Description:	WFXG-550-
		Attorney - License
		to Cover
		Application (Main)

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare request for Special Temporary Authorization	Component Description: Amount:	Preparation of engineering portion of STA \$1,750.00
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

for new channel assignment and antenna development	Component Description:	RF Eng - Engineering Study for New Channel
		Assignment
	Amount:	\$1,000.00
	Component Description:	WFXG-530-RF Eng - Engineering
		Study for New Channel
	Amount:	Assignment \$375.00
	Component Description:	Engineering study work for new
		channel assignment and antenna
		development; Preparation of the engineering
		section of FCC Form 2100 (90 day
	Amount:	construction permit application). \$250.00
Prepare and or review		
reimbursement form	Component Description:	RE: WFXG Repack Legal Services (3228)
	Amount:	\$49.00
	Component Description:	RE: WFXG
		Repack Legal Services (3228)
	Amount:	\$543.20

# **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	\$63,574.00	\$55,086.50		\$37,986.50	
Site Security	\$16,660.00	\$16,660.00	See attached WFXG Justification for Site Security - Powell Asset Protection Agency invoice #19- 525-C2	\$16,660.00	N/A
MVPD Notification of Channel Change	\$0.00	\$0.00	N/A	N/A	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	\$20,000.00	\$20,000.00	Estimate for Dielectric on site antenna storage Dielectric letter attached	\$8,720.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,062.50	Per Estimated Cost Justification WFXG-610- Medical Facility Notification v0	\$3,062.50	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$1,400.00	\$1,400.00	Please see attached quote from National Environmental Group and Lockwood PO 8716	\$1,400.00	N/A
Equipment Delivery and Handling Charges	\$11,114.00	\$11,114.00	see Estimated Cost Justification WFXG-610- Equipment Delivery and Handling v1	\$8,144.00	N/A
Sub-total	\$63,574.00	\$55,086.50	N/A	\$37,986.50	N/A
Total for all systems	\$2,691,733.90	\$2,436,889.64	N/A	\$1,862,735.62	N/A

Actual Information Description	File Name	
Site Security	Component Description: Amount:	06 - 20 August 2019 WFXG FOX 54 Tower Security \$16,660.00
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	

Equipment Storage		
	Component Description:	WFXG-610- Equipment
		Storage
	Amount:	\$5,850.00
	Component Description:	WFXG-610- Equipment
	Amount:	Storage \$2,870.00
DTV Medical Facility		
Notification	Component Description:	WFXG-610- Medical Facility Notification
	Amount:	\$112.50
	Component Description:	Medical
	Amount:	Notification \$2,950.00
Disposal Costs (for equipment and other waste,		
net of any salvage value)	Component Description:	Waste oil/water Pick up
	Amount:	\$1,400.00
Equipment Delivery and		
Handling Charges	Component Description:	RR Forklift,
	Amount:	Reach, 5k 19' \$698.00
	Component Description:	RR Forklift,
	Amount:	Reach, 8K 44' \$3,615.00
	Component Description:	RR Forklift,
		Reach, 8K 44'
	Amount:	\$3,831.00

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,691,733.90	\$2,436,889.64	\$1,862,735.62

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	Yes
	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.	
		<ol> <li>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.</li> </ol>	
		2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	
		<b>3.</b> 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, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	Bob Pectelidis Director of Corporate Engineering 06/15/2020

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol> <li>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.</li> </ol>	
		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.	
an aut nameo	are, under penalty of perjury, that I am horized representative of the above- d applicant for the Authorization(s) ed above.	Bob Pectelidis Director of Corporate Engineering 06/15/2020

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information 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.	
		<ol> <li>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. The above- named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>The above-named entity acknowledges the submission of the information herein</li> </ol>	
		creates no obligation on the part of the government to pay any amount.	

3.	The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above- named entity, including any discounts, refunds, or rebates.	
4.	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.	
5.	The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.	
6.	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.	
an aut nameo	are, under penalty of perjury, that I am horized representative of the above- d applicant for the Authorization(s) red above.	Bob Pectelidis Director of Corporate Engineering
		06/15/2020

# Attachments