

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 3228 Service: DTV Call WFXG Channel: 36 (UHF)

ID:

Sign:

File **0000025076**

Number:

FRN: **0028123180** Date **12/30**

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact 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.	Limited Liability Company

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and 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 Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	Install interim antenna and line Install new top mounted antenna and connect to existing line Retune main and backup transmitters.

Transmitters

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

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Retune Existing
	Use	Primary (Main)
	Ownership	Owned
	Owner	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	GatesAir
	Model	ULXT40AT
	Year	2016

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

Primary Transmitter

Retuning Transmitter Costs

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

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	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 Transmitter Information not provided.

Other Transmitter Cost Not Listed

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Retune Existing
	Use	Auxiliary (Backup)
	Ownership	Owned
	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	UAXT-3AT
	Year	2016
	Туре	Solid State
	Solid State Cooling	Air Cooled

Auxiliary Transmitter

Retuning Transmitter Costs

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 Transmitter

Other Transmitter Costs

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

Auxiliary Transmitter Information not provided.

Other Transmitter Cost Not Listed

Interim **Transmitter**

New Transmitter Costs

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

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

Interim Transmitter

Other Transmitter Costs

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

Interim Transmitter

Other Transmitter Cost Not Listed

Name	Description
Interim Transmitter Installation	Costs of interim transmitter installation outline in GatesAir Quote Q-79384
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.

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	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

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	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)	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.

Other Antenna Costs

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

Other Antenna Cost Not Listed

Information not provided.

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Type	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

Justification for New Antenna	Interim antenna for use thru transition. Needed due to removal of existing top mount antenna.

Interim Antenna

Other Antenna Costs

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

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Seffien		Question	Response
	ission Line I Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission

Add Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is 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

Other Transmission Line Expenses Not Listed

Primary

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

New Transmission Line

Interim **Transmission**

Line Section	Question	Response
New Transmission Line Costs	Use	Interim
	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

Other Transmission Line Expenses Not Listed Interim

Transmission ioinetion 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?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	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

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?	Yes

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

Outside Professional

Section	Question	Response
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
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	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

Outside Professional

Other Professional Services Expenses Not Listed

l Services Costs	Description
Attorney Fees - Other Matters	Legal Services

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 Not Listed

Expenses Information not provided.

Cost Information

Transmitters

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

Description Interim	Predetermined Cost Estimate \$1,093,356.20	Estimated Cost \$1,077,100.41	Estimated Cost Justification	Actual Cost \$1,024,466.01	Actual Cost Justification
Transmitter ULXTE-50					
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
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
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

UHF - Liquid Cooled Solid State	\$867,471.20	\$867,471.20	see Estimated Cost Justification	\$836,673.24	N/A
Transmitter 31.7 kW			WFXG-180- New Interim Transmitter - GatesAir		
			ULXTE-50 v0		
Other Electrical Service:	\$1,007.21	\$1,007.21	***System Notice: Estimate	\$1,007.21	invoices
Surge			adjusted		
Suppressor			and locked		
			because		
			line has		
			been		
			superseded.		
			***see		
			Estimated Cost		
			Justification		
			WFXG-180-		
			New Interim		
			Transmitter		
			- Surge		
			Suppressor		
			v0		
Interim	\$68,899.73	\$68,899.73	See	\$68,899.72	N/A
Transmitter Installation			Estimated Cost		
เทอเสแสแบบ			Justification		
			WFXG-180-		
			New Interim		
			Transmitter		
			- Installation		
			and		
			Proofing v0		

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	\$9,294.21	invoices
Primary Transmitter ULXT40AT	\$194,600.00	\$69,317.36		\$48,137.52	
UHF and VHF - minor banding issues	\$105,200.00	\$69,317.36	Quote attached (GA- 00021679)	\$48,137.52	N/A
60 kW mask filter	\$89,400.00	\$0.00	included in main tx quote	N/A	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	\$1,075,388.93	N/A
Total for all systems	\$2,675,073.90	\$2,420,229.64	N/A	\$1,826,922.99	N/A

Components

Actual Information	
Description	File Name

RF Accessories

Component Description:

Amount:

RF Accessories

\$25,545.19

Component Description: WFXG-180-New

Interim Transmitter

- RF Accessories

Amount: \$20,600.96

Component Description: WFXG-180-New

Interim Transmitter

- RF Accessories

Amount: \$20,600.96

Component Description: WFXG-180-New

Interim Transmitter

- RF Accessories

Amount: \$1,058.71

Mask Filter System		
	Component Description:	WFXG-180-New Interim Transmitter
		 Mask Filter System
	Amount:	\$11,734.32
	Component Description:	WFXG-180-New Interim Transmitter - Mask Filter
	Amount:	System \$11,734.32
	Component Description:	WFXG-180-New Interim Transmitter - Mask Filter
	Amount:	System \$603.04
	Component Description: Amount:	Mask Filter \$14,550.56
Other Electrical Service: New panel, breakers, wire, power supply and labor	Component Description:	WFXG-180-New Interim Transmitter
	Amount:	- Other Electrical \$25.88
		Other Electrical
	Component Description: Amount:	\$624.47

UHF - Liquid Cooled Solid State Transmitter 31.7 kW

Component Description: 1/3 down payment

> ULXTE-50 Transmitter

\$259,565.30 Amount:

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

Component Description: Transmitter Amount:

\$246,647.31

Other Electrical Service: Surge Suppressor		
ourge ouppressor	Component Description:	WFXG-180-New
		Interim Transmitter - Surge
		Suppressor
	Amount:	\$503.60
	Component Description:	WFXG-180-New
		Interim Transmitter
		- Surge
		Suppressor
	Amount:	\$503.61
Interim Transmitter		
Installation	Component Description:	Travel and Setup
	Amount:	\$450.00
	Component Description:	WFXG-180-New
		Interim Transmitter
		- Installation and
		Proofing
	Amount:	\$21,060.47
	Component Description:	WFXG-180-New
	Component Description.	Interim Transmitter
		- Installation and
		Proofing:
	Amount:	\$21,060.47
		WEV2 400 N
	Component Description:	WFXG-180-New Interim Transmitter
		Interim Transmitter - Installation and
		Proofing
	Amount:	\$26,114.98
		· , · · · ·
	Component Description:	Home Depot Hand
		Trucks for
		Transmitter
	Amount:	\$213.80

Transformer 3 phase/480v - 150 KVA

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

KVA

Amount: \$2,498.93

Component Description: WFXG-180-New

Interim Transmitter
- Electrical Costs Transformer 150

KVA

Amount: \$128.42

Component Description: Transformer **Amount:** \$3,098.68

Component Description: SECURED AND

LOCKED

GENERATOR OUT

Amount: \$1,069.25

JHF and VHF - minor panding issues		
	Component Description:	Channel change ULXT-40AT
	Amount:	\$6,418.34
	Amount:	\$ 0,410.34
	Component Description:	Channel change
		ULXT-40AT
	Amount:	\$9,627.50
	Component Description:	Channel Change
		ULXT-40AT
	Amount:	\$32,091.68
60 kW mask filter	Information not provided.	
3 kW mask filter	Information not provided.	
UHF and VHF - minor banding issues		
banding issues	Component Description:	Channel Change &
		Proof
	Amount:	\$1,671.24
	Component Description:	channel change
		UAXT-3AT
	Amount:	\$1,114.16

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-8WB	\$196,230.00	\$169,815.90		\$69,023.83	
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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	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 \$2,675,073.90 \$2,420,229.64 N/A \$1,826,922.99 N/A all systems

Components

Actual Information

Description File Name

UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized

Component Description:

Freight and Shipping \$7,410.15

Amount:

Component Description:

QO disconnect

200 amp \$2,107.88

Component Description:

GA Sales Tax

Amount:

Amount:

Amount:

\$3,450.24

Component Description:

ANTENNA \$27,873.75

Component Description:

Other - elbow

complex,

broadband, at

antenna input

Amount: \$1,388.25

Component Description:

Freight and

Amount:

Shipping \$881.94

Component Description:

ANTENNA

Amount:

\$13,936.87

Component Description:

Interim Antenna,

Elbow Complex,

Reducer

Amount: \$5,574.75

Sweep test of existing		
antenna	Component Description:	WFXG-280-
		Interim Antenna -
		Sweep Test
	Amount:	\$3,200.00
	Component Description:	Other Includes
		one field engineer
	Amount:	on site \$960.00
	Amount.	ψ900.00
	Component Description:	Interim Antenna
	Amount:	\$640.00
	Component Description:	WFXG-280-
	· ·	Interim Antenna -
		Sweep Test
	Amount:	\$1,600.00
Sweep test of existing		
antenna	Component Description:	WFXG-210-
		Primary Antenna -
		Sweep Test
	Amount:	\$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
(200-1000KW)

Amount: \$108,595.00

Component Description: ANTENNA - UHF

TOP MOUNT ONE STATION (200-1,000KW)

Amount: \$54,297.50

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 Cos
Interim Transmission Line	\$139,160.00	\$142,624.17		\$109,838.91	
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	\$109,838.91	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	\$109,838.91	N/A
Total for all systems	\$2,675,073.90	\$2,420,229.64	N/A	\$1,826,922.99	N/A

Actual Information Description	File Name	
Rigid Transmission Line - copper, 4 1/16"	Component Description: Amount:	Interim Transmission Line \$10,766.84
	Component Description:	WFXG-380-Interim Transmission Line - Rigid Copper, 4 1
	Amount:	/16" \$143.76
	Component Description:	Freight and Shipping
	Amount:	\$4,725.00
	Component Description:	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
	Component Description:	RIGID TRANSMISSION LINE -COPPER
	Amount:	\$1,320.00
	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: Amount:	Other Freight and Shipping \$6,621.17
	Component Description:	WFXG-380-Interim Transmission Line - Rigid Copper, 4 1 /16"
	Amount:	\$26,917.10
Transmission Line Expenses	Information not provided.	

Tower Equipment and Rigging Costs

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

			Estimated		
Description	Predetermined	Estimated	Cost	Astual Coat	Actual Cost
Description	Cost Estimate	Cost	Justification		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
Minor tower reinforcement /modifications	\$158,000.00	\$100,000.00	N/A	\$0.00	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
Structural engineering tower load study for well documented tower	\$12,600.00	\$6,500.00	N/A	\$3,500.00	N/A
Sub-total	\$437,500.00	\$434,990.00	N/A	\$331,990.00	N/A
Total for all systems	\$2,675,073.90	\$2,420,229.64	N/A	\$1,826,922.99	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
Minor tower reinforcement /modifications	Component Description:	This invoice has been moved to another
	Amount:	component. N/A
Tower Helicopter Lift	Component Description: Amount:	Tower Service \$17,450.50
	Component Description:	WFXG-410- Existing Primary Tower - Helicopter Lift
	Amount:	\$38,949.50

Structural engineering tower load study for well documented tower

Component Description:
Amount:

POL

\$3,500.00

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	\$161,728.70	\$253,223.70		\$47,912.32	
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
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
Project management of the transition	\$47,400.00	\$144,675.00	Widelity Strategic Support Quote	\$40,712.82	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), 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	\$47,912.32	N/A
Total for all systems	\$2,675,073.90	\$2,420,229.64	N/A	\$1,826,922.99	N/A

Actual Information Description	File Name	
Attorney Fees - Other Matters	Component Description: Amount:	Legal Services \$49.00
	Component Description:	RE: WFXG Repack Legal Services (3228)
	Amount:	\$49.00
	Component Description:	RE: WFXG Repack Legal Services (3228)
	Amount:	\$441.80
	Component Description: Amount:	WFXG-550- Attorney - Other Matters \$490.00
	Component Description: Amount:	Legal services \$1,018.90
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Component Description:	WFXG-550- Attorney - License to Cover
	Amount:	Application (Main) \$765.50
Project management of the transition	Component Description: Amount:	Project Management \$4,921.25
	Amount.	ψ τ ,σ2 ι.20

Component Description:

Project Management

Amount:

\$3,193.75

Component Description:

Project

Management-Reviewed interim

transmitter specifications, checked installation

requirements

Amount:

\$1,614.43

Component Description:

Project

Management Amount:

\$2,689.10

Component Description:

Project

Management

Amount: \$1,622.50

Component Description:

Project

Management

Amount: \$210.00

Component Description:

Amount:

Amount:

Project

Management

\$2,597.49

Component Description:

Project

Amount:

\$1,038.75

Management

Component Description:

Project

Management

\$2,793.75

Component Description: Project Management Amount: \$9,099.15 **Component Description:** Project Management Amount: \$668.75 **Component Description:** Project Management **Amount:** \$2,484.65 **Component Description:** Project Management \$172.50 Amount: **Component Description:** Repack Engineering Amount: \$2,492.80 **Component Description: Project** management Amount: \$2,140.25 **Component Description:** Project Management Amount: \$810.00 **Component Description:** Project Management \$2,163.70 Amount:

Comprehensive coverage verification via field study, if needed

Information not provided.

Attorney Fees - Prepare and File request for Special Temporary Authorization	Component Description: Amount:	RE: WFXG Repack Legal Services (3228) \$2,168.10
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

Perform engineering study 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 Assignment

Amount: \$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 construction permit

application).

Amount: \$250.00

Prepare and or review reimbursement form

Component Description: RE: WFXG

Repack Legal Services (3228)

Services (SZZ

Amount: \$49.00

Component Description: RE: WFXG

Repack Legal Services (3228)

Amount: \$543.20

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 Cos
Other Expenses	\$46,914.00	\$38,426.50		\$21,326.50	
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
Equipment Storage	\$20,000.00	\$20,000.00	Estimate for Dielectric on site antenna storage Dielectric letter attached	\$8,720.00	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
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

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
Sub-total	\$46,914.00	\$38,426.50	N/A	\$21,326.50	N/A
Total for all systems	\$2,675,073.90	\$2,420,229.64	N/A	\$1,826,922.99	N/A

File Name	
Component Description: Amount:	RR Forklift, Reach, 8K 44' \$3,615.00
Component Description: Amount:	RR Forklift, Reach, 8K 44' \$3,831.00
Component Description: Amount:	RR Forklift, Reach, 5k 19' \$698.00
Component Description: Amount:	WFXG-610- Equipment Storage \$5,850.00
Component Description: Amount:	WFXG-610- Equipment Storage \$2,870.00
	Component Description: Amount: Component Description: Amount: Component Description: Amount: Component Description: Component Description:

MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Waste oil/water Pick up \$1,400.00
DTV Medical Facility Notification	Component Description:	WFXG-610- Medical Facility
		Notification
	Amount:	Notification \$112.50
	Amount: Component Description:	

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,675,073.90	\$2,420,229.64	\$1,826,922.99

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

Section Question Response

Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
 Person signing
 below certifies that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Bob
Pectelidis
Director of
Corporate
Engineering

12/30/2019

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- 1. The Authorized
 Person signing
 below certifies and
 represents that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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 abovenamed applicant for the Authorization(s) specified above. Bob
Pectelidis
Director of
Corporate
Engineering

12/30/2019

Attachments