

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

39738 Service: DTV WXIX-TV Channel: 15 (UHF) Facility Call Sign:

ID:

File 0000024807

Number:

FRN: 0018223693 Date 07/23

> Submitted: /2021

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GRAY TELEVISION LICENSEE, LLC Doing Business As: WXIX	4370 PEACHTREE ROAD, NE ATLANTA, GA 30319 United States	+1 (404) 266-8333	robert. folliard@gray. tv	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

The Preparer is same as the reimbursement contact.

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.	Yes
Briefly describe transition plan	Install interim side mount broadband antenna and line. (WXIX, WPTO) Install new top mounted antenna and connect to existing line. Install new main and backup transmitters

Transmitters

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

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Emergency Backup
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	Ranger
	Year	2009
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1.1 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	UAXTE-2
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.1 kW
	Justification for New Transmitter	Existing transmitter cannot be re- tuned Manufacturers letter attached NO LONGER PURCHASING THIS TRANSMITTER, NOW PROCURING AN INTERIM. ALL PAYMENTS WILL BE CREDITED TO INTERIM.

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

Other Transmitter Cost Not Listed

Transmitter Information not provided.

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	DCX
	Year	2001
	Туре	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	20 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-40
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	25.3 kW
	Justification for New Transmitter	Existing transmitter cannot be retuned Manufacturers statement attached Quote attached Headroom analysis attached

Primary Transmitter

Other Transmitter Costs

Electrical Service	Service Entrance (3 phases 800A 208V)	
	Service Entrance (5 phases 600A 200V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA
	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

Interim Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	UAXTE- 8R44
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	4.8 kW
	Justification for New Transmitter	Needed to remain on the air during transition.

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	Electrical work required for operation of interim transmitter
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
Transmitter-Site Survey	Transmitter-Site Survey

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?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	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)	227.0 kW

Manufacturer	
Model	TFU-14GBH /VP-R6T190
Year	2001

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)	164.0 kW
	Manufacturer	
		1

Model	TFU-10GTH /VP-R T190
Year	2019
Justification for New Antenna	Existing antenna can not be retuned Station licensed for 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?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
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	Yes
	transmission line and antenna?	

Other Antenna Cost Not Listed

Information not provided.

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	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	2
	Number of Panels/Bays	16
	Lower Limit	470.00 MHz
	Upper Limit	608.00 MHz
	Design power capacity in use	75.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	450.0 kW
	Manufacturer	
	Model	TFU-WB16
	Year	2019

Justification for New Antenna	Two station
	interim
	antenna
	WXIX,
	WPTO

Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	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 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
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

n Line Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	
Line Manufacturer and Type	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1000 feet per run

Primary Transmission

New Transmission Line

n Line Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	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	1000 feet per run
	Justification for New Transmission Line	Existing line sections are 19.5', need 20' sections.

Primary

Other Transmission Line Expenses Not Listed

Transmission	n Name	Description	
	Primary Transmission Line - Other Parts	Primary Transmission Line - Other Parts	
	Primary Transmission Line - Sweep Test	Primary Transmission Line - Additional sweep test of primary transmission line	

Interim

New Transmission Line

Transmission	n Seithen	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	Broadband
		Other Segment Length	
		Number of parallel runs	1
		Length	1000 feet per run
		Justification for New Transmission Line	Broadband interim line for two station interim operation WXIX and WPTO

Interim

Other Transmission Line Expenses Not Listed

Transmission Line		Description	
	Interim Transmission Line - Other Parts	Interim Transmission Line - Other Parts	

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?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	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)	39° 07' 19.0" N-
1983))	Longitude (NAD83)	084° 32' 52.0" W-
	Overall Structure Height	1020.98 fe
	Support Structure Height	951.76 feet
	Ground Elevation Above Mean Sea Level (AMSL)	728.01 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	WXIX, LLC
Date Constructed	01/01/1985

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Facility ID	Call Sign	Service
3142	WRRM	FM
57353	WOSL	FM
5893	WIZF	FM
72126	WGRR	FM
25065	WPTO	DTV

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	Are helicopter services required?	No
Required		

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	895
	Explanation	Pattern analysis Antenna Spec Transmitter Spec Building drawings Installation Supervision Accounting Internal Legal Strategic Support
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	Strategic Support
	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

RF Field Engineering

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	Yes
Prepare or Review FCC Form 399 for Reimbursement	Yes
Address transition timing and coordination issues w/ other stations and wireless providers	No
Comprehensive coverage verification via field study	Yes
RF exposure measurements	No
Additional Field Engineering Service	Yes
Number of Days	5

Justification	On-site engineering
	services
	necessary
	for
	transmission
	line
	installation

Outside
Outside
Professional Services Expenses Not Listed
Professional Services © ostsided.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	No No No N/A N/A N/A Yes No No No No No Yes Yes Yes Yes
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

Other Expenses Not Listed

Name	Description
Site Security	Site Security

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter UAXTE-8R44	\$268,787.50	\$140,138.39		\$6,737.50	
Transmitter- Site Survey	\$2,000.00	\$2,000.00	Please see WXIX-TV Interim Transmitter- Site Survey Budget Revision Justification Letter	\$2,000.00	N/A
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	\$236,500.00	\$128,830.83	GatesAir Quote Q- 80920r2 Est cost decreased by payments already made towards Aux transmitter no longer needed.	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$4,570.06	GatesAir Quote Q- 80920r2	N/A	N/A

Other Electrical Service: Electrical work required for operation of interim transmitter	\$4,737.50	\$4,737.50	Please see WXIX-TV Interim Transmitter- Other Electrical Service Budget Revision Justification Letter	\$4,737.50	N/A
Primary Transmitter ULXTE-40	\$1,022,000.00	\$946,321.51		\$662,274.43	
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$17,756.50	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$2,098.65	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$875,021.51	Quote attached Headroom analysis attached	\$642,419.28	N/A
Auxiliary Transmitter UAXTE-2	\$126,000.00	\$13,152.70		\$13,152.70	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$13,152.70	No longer purchasing an AUX, rather procuring an interim. All payments will be credited towards interim.	\$13,152.70	N/A
	\$1,416,787.50	\$1,099,612.60			

Total for all	\$2,968,657.16	\$2,360,239.33	N/A	\$1,353,640.69	N/A	
systems						

Components

Actual Information Description	File Name	
Transmitter-Site Survey	Component Description: Amount:	WXIX-180-Interim Transmitter Site Survey \$2,000.00
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	Information not provided.	
Transformer 3 phase/480v - 150 KVA	Information not provided.	
Other Electrical Service: Electrical work required for operation of interim transmitter	Component Description: Amount:	WXIX-180-Interim Transmitter Other Electrical Service \$4,737.50
Switchgear - industrial 800 amp	Component Description: Amount:	"SWITCH S60 6- 50 4 PORT 115VAC MOT /CONTROL 8- 30VDC-115 & 230 VAC" \$17,756.50
Transformer 3 phase/480v - 300 KVA	Component Description: Amount:	WXIX-110-1st Primary Transmitter - 3 Phase, 480 V, 300 KVA Transformer \$2,098.65

tate Transmitter 21 - 31 kW	Component Description: Amount:	A. Transmitter \$423,663.90
	Component Description:	ULXTE-40 per
		Quote Q-70112
	Amount:	\$87,502.15
	Component Description:	ULXTE-40 per
		Quote Q-70112
	Amount:	\$131,253.23
JHF - Air Cooled Solid State		
Fransmitter 1 - 2.5 kW	Component Description:	UAXTE-2-E per
		quote GA-
		00020798
	Amount:	\$7,891.62
	Component Description:	UAXTE-2-E

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-WB16	\$119,477.50	\$119,147.50		\$11,914.75	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$640.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 450 kW input, directional,, horizontally polarized	\$112,747.50	\$112,747.50	Quote attached	\$11,274.75	N/A
Primary Antenna TFU-10GTH /VP-R T190	\$308,530.00	\$172,089.63		\$170,545.00	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$1,544.63	Please see Dielectric Quote 44983 and Order Confirmation 69001, less amount already reimbursed under antenna category	\$1,544.63	N/A

Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power Top Mount (200- 1000 kW), One station antenna, elliptically or circularly polarized	\$289,500.00	\$164,145.00	Quote attached	\$162,600.37	N/A
Sub-total	\$428,007.50	\$291,237.13	N/A	\$182,459.75	N/A
Total for all systems	\$2,968,657.16	\$2,360,239.33	N/A	\$1,353,640.69	N/A

Components

Actual Information Description	File Name	
Sweep test of existing antenna	Component Description: Amount:	Interim Antenna - Sweep Test \$640.00
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 450 kW input, directional,, horizontally polarized	Component Description: Amount:	Interim Antenna \$11,274.75
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Component Description: Amount:	WXIX-210-Primary Antenna - Elbow Complex \$1,544.63

Sweep test of existing antenna

Component Description: WXIX-210-Primary

Antenna - Sweep

Test

Amount: \$1,600.00

Component Description: WXIX-210-Primary

Antenna - Sweep

Test

Amount: \$3,200.00

Component Description: WXIX-210-Primary

Antenna - Sweep

Test

Amount: \$960.00

Component Description: Primary Antenna -

Sweep Test

Amount: \$640.00

UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized

Component Description: UHF-HIGH POWER

TOP MOUNT (200-

1,000 KW)

Amount: \$41,036.24

Component Description: UHF - HIGH

POWER TOP

MOUNT (200-1,000

KW)

Amount: \$82,072.50

Component Description: FREIGHT AND

SHIPPING PAF 48'

FLATBED DELIVERY

Amount: \$4,040.39

Component Description: Primary Antenna

and Elbow Complex

Amount: \$16,414.50

Component Description: RIGID

TRANSMISSION

LINE - COPPER

Amount: \$19,036.74

Cost Information

Transmission Line

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 \$190,133.95	Estimated Cost \$125,442.65	Estimated Cost Justification	Actual Cost \$13,450.52	Actual Cost Justification
Interim Transmission Line - Other Parts	\$27,133.95	\$27,133.95	Please see Estimated Cost Justification WXIX-380- Interim Transmission Line - Other Parts V0	\$3,619.95	N/A
Rigid Transmission Line - copper, 4 1 /16" broadband	\$163,000.00	\$98,308.70	Quote attached (see interim antenna quote)	\$9,830.57	N/A
Primary Transmission Line	\$208,545.29	\$148,038.14		\$148,038.11	
Primary Transmission Line - Sweep Test	\$6,400.00	\$6,400.00	Please see THTV estimate 1022 with sweep test email explanation dated 1-3-21	\$6,400.00	N/A

Total for all systems	\$2,968,657.16	\$2,360,239.33	N/A	\$1,353,640.69	N/A
Sub-total	\$398,679.24	\$273,480.79	N/A	\$161,488.63	N/A
Transmission Line - copper, 6 1/8"			Estimated Cost Justification WXIX-310- Primary Transmission Line - Rigid, Copper V1		
Line - Other Parts Rigid	\$202,000.00	\$141,492.85	Cost Justification WXIX-310- Primary Transmission Line - Other Parts V0	\$141,492.83	N/A
Primary Transmission	\$145.29	\$145.29	Please see Estimated	\$145.28	N/A

Components

Actual Information Description	File Name	
Interim Transmission Line - Other Parts	Component Description: Amount:	RIGID TRANSMISSION LINE - COPPER \$3,514.00
	Component Description:	WXIX-380-Interim Transmission Line - Other Parts
	Amount:	\$105.95

Rigid Transmission Line -		
copper, 4 1/16" broadband	Component Description:	Interim Transmission Line -
		Rigid, Copper, 4 1
	A	/16
	Amount:	\$9,830.57
Primary Transmission Line		
- Sweep Test	Component Description:	RF Sweep 6 1/8"
		transmission line
		new installation
	Amount:	\$6,400.00
Primary Transmission Line		
- Other Parts	Component Description:	WXIX-310-Primary
	·	Transmission Line -
		Other Parts
	Amount:	\$39.32
	Component Description:	4 HOLE CORNER
		ANGLE ZN PLTD
	Amount:	\$105.96
Rigid Transmission Line -		
copper, 6 1/8"	Component Description:	WXIX-310-Primary
		Transmission Line -
		Transmission Line - Rigid, Copper, 6 1/8"
	Amount:	Transmission Line -
		Transmission Line - Rigid, Copper, 6 1/8" \$20,297.82
	Amount: Component Description:	Transmission Line - Rigid, Copper, 6 1/8" \$20,297.82 WXIX-310-Primary
		Transmission Line - Rigid, Copper, 6 1/8" \$20,297.82 WXIX-310-Primary Transmission Line -
		Transmission Line - Rigid, Copper, 6 1/8" \$20,297.82 WXIX-310-Primary Transmission Line - Rigid, Copper, 6 1
		Transmission Line - Rigid, Copper, 6 1/8" \$20,297.82 WXIX-310-Primary Transmission Line - Rigid, Copper, 6 1 /8"
	Component Description:	Transmission Line - Rigid, Copper, 6 1/8" \$20,297.82 WXIX-310-Primary Transmission Line - Rigid, Copper, 6 1
	Component Description: Amount:	Transmission Line - Rigid, Copper, 6 1/8" \$20,297.82 WXIX-310-Primary Transmission Line - Rigid, Copper, 6 1 /8"
	Component Description:	Transmission Line - Rigid, Copper, 6 1/8" \$20,297.82 WXIX-310-Primary Transmission Line - Rigid, Copper, 6 1 /8" \$33,233.02
	Component Description: Amount:	Transmission Line - Rigid, Copper, 6 1/8" \$20,297.82 WXIX-310-Primary Transmission Line - Rigid, Copper, 6 1 /8" \$33,233.02 WXIX-310-Primary Transmission Line - Rigid, Copper, 6 1
	Component Description: Amount:	Transmission Line - Rigid, Copper, 6 1/8" \$20,297.82 WXIX-310-Primary Transmission Line - Rigid, Copper, 6 1 /8" \$33,233.02 WXIX-310-Primary Transmission Line -

Component Description: WXIX-310-Primary

Transmission Line -

Rigid, Copper, 6 1/8"

Amount: \$4,979.98

Component Description: HANGER VERT 8 3

/16 FIXED HEAVY

DUTY

Amount: \$1,659.75

Component Description: Primary Antenna -

UHF High Power

Top Mount, E-POL

Amount: \$13,293.21

Component Description: FLANGE ASSY 6 1

/8 UHF SOLDER

"QS"

Amount: \$396.00

Component Description: FLANGE ASSY 6 1

/8 UHF SOLDER

"QS"

Amount: \$1,167.00

Cost Information

Tower Equipment and Rigging Costs

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

Description Primary Tower TOWER	Predetermined Cost Estimate \$381,100.00	Estimated Cost \$368,000.00	Estimated Cost Justification	Actual Cost \$172,905.00	Actual Cost Justification
Structural engineering tower load study for well documented tower	\$12,600.00	\$18,000.00	per Tower King II, Inc Proposal C-17-155, FDH Velocitel Proposal P17_1771_001 and FDH Infrastructure Services, LLC Proposal P20_1771_001	\$18,000.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	\$154,905.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$0.00	N/A
Sub-total	\$381,100.00	\$368,000.00	N/A	\$172,905.00	N/A
Total for all systems	\$2,968,657.16	\$2,360,239.33	N/A	\$1,353,640.69	N/A

Components

Actual Information	
Description	File Name

Structural engineering tower load study for well	Component Description:	Engineering -
documented tower	Component Description.	structural analysis
	Amount:	\$2,500.00
	7	ψ=,000.00
	Component Description:	Engineering
		structural analysis
	Amount:	\$2,500.00
	Component Description:	Down PMT 50%
	Amount:	\$3,750.00
	Component Description:	Mapping of WXIX
		Facility ID # 39738
	Amount:	\$5,500.00
	Component Description:	Final PMT 50%
	Amount:	\$3,750.00
Tall Tower (greater than		
500')	Component Description:	TOWER SERVICE
	Amount:	\$100,000.00
	Component Description:	Final Balance to
		complete the
		WXIX post
		transition work.
	Amount:	\$54,905.00
Minor tower reinforcement	Information not provided.	

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual C
Outside Professional Services	\$268,150.00	\$259,775.89		\$122,274.04	
Additional Field Engineering Service, 5 Days	\$10,250.00	\$10,250.00	Please see WXIX-TV RF Eng-Additional Field Engineering Service, 5 days Budget Revision Justification Letter	\$10,250.00	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	\$1,579.17	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$80.20	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$1,097.55	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$1,097.55	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
Project management of the transition	\$141,410.00	\$144,675.00	Widelity Quote	\$99,855.45	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	\$920.83	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	\$1,750.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$6,737.50	N/A

Prepare and or review	\$2,630.00	\$3.34	Please see WXIX-TV	\$3.34	N/A
reimbursement			Prepare and or		
form			Review		
			Reimbursement		
			Form Budget		
			Revision		
			Justification		
			Letter		
Sub-total	\$268,150.00	\$259,775.89	N/A	\$122,274.04	N/A
Total for all systems	\$2,968,657.16	\$2,360,239.33	N/A	\$1,353,640.69	N/A

Components

Actual Information Description	File Name	
Additional Field Engineering Service, 5 Days	Component Description: Amount:	On Site Engineering \$10,250.00
Comprehensive coverage verification via field study, if needed	Component Description:	WXIX-580-Field Engineering Service - Comprehensive Coverage Verification
	Amount:	\$1,579.17

Attorney Fees - Prepare and File request for Special **Component Description:** WXIX-550-Attorney **Temporary Authorization** - Special **Temporary** Authroization Amount: \$26.58 **Component Description:** WXIX-550-Attorney - Special Temporary Authorization Amount: \$53.62 Attorney Fees - Negotiation of lease and other matters **Component Description:** Professional for shared locations Services Rendered Amount: \$49.50 **Component Description:** Professional Services Rendered Amount: \$51.28 **Component Description:** Professional Services Rendered Amount: \$94.02 **Component Description:** Professional Services Rendered \$191.81 Amount:

Component Description: Professional

Services Rendered

Amount: \$6.64

Component Description: Professional

Services Rendered

Amount: \$29.90

Component Description: Legal Services
Amount: \$19.93

Component Description: Professional

Services Rendered

Amount: \$70.14

Component Description: Professional

Services Rendered

Amount: \$10.65

Component Description: Professional

Services Rendered

Amount: \$203.35

Component Description: Legal Services

Amount: \$297.53

Component Description: For professional-

services rendered in connection with

the above

referenced matter through December

31, 2018

Amount: \$27.86

Component Description: Professional

Services Rendered

Amount: \$44.94

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application Information not provided.

Project management of the transition

Management

Amount:

\$3,611.80

Component Description: Project

Management

Amount:

\$30.80

Component Description:

Project Management

Amount:

\$1,937.15

Component Description:

Project Management

Amount:

\$1,573.15

Component Description:

Project

Management

Amount:

\$56.46

Component Description: Project

Management

Amount:

\$2,544.95

Component Description: Project

Management

Amount:

\$7,821.35

Component Description:

Project Management

Amount:

\$2,025.15

Component Description:

Project Management

Amount:

\$5,046.15

Management

Amount:

\$1,935.90

Component Description:

Project Management

Amount:

\$2,499.55

Component Description:

Project

Amount:

Management \$2,216.05

Component Description: Project

Management

Amount: \$3,293.35

Component Description: Project

Management

Amount:

\$2,210.65

Component Description: Project

Management

Amount:

\$2,984.95

Component Description: Proj

Project Management

Amount:

\$1,673.48

Component Description:

Project Management

Amount:

\$1,951.95

Component Description:

Project Management

Amount:

\$1,897.20

Management

Amount: \$89.83

Project

Component Description:

Management

Amount:

\$3,193.25

Component Description:

Project

Amount:

Management \$2,670.55

Component Description: Project

Management

Amount:

Amount:

\$1,606.90

Component Description:

Project Management

\$7,795.45

Component Description:

WXIX-510-Project

Amount:

Management \$1,771.00

Component Description: Project

Management

Amount:

\$2,269.10

Component Description:

Project Management

Amount:

\$3,799.10

Component Description:

Project Management

Amount:

\$2,918.30

Management

Amount:

\$3,135.05

Component Description:

Project

Amount:

Management \$924.00

Project

Component Description:

Management

Amount:

\$1,918.75

Component Description:

Project

Management

Amount:

Amount:

\$2,570.75

Component Description:

Project

\$151.43

Management

Component Description:

Project

Amount:

Management \$2,999.95

Component Description:

Project

Amount:

Management

\$2,438.50

Component Description:

Project

Amount:

management \$2,329.40

Component Description:

Project Management

Amount:

\$3,220.05

Project Component Description: Management \$1,965.45 Amount: Project **Component Description:** Management Amount: \$4,288.40 **Component Description:** Project Management Amount: \$2,444.00 **Component Description:** Project Management \$46.20 Amount: Attorney Fees - Prepare Information not provided. and File FCC Form 2100 (main), Construction Permit Application Prepare request for Special **Temporary Authorization Component Description:** WXIX-530-RF Eng - Special **Temporary** Authorization Amount: \$920.83 Information not provided. Prepare engineering section of FCC Form 2100 (main), License to Cover Application Prepare engineering section of FCC Form 2100 **Component Description:** RF Eng-(main), Construction Permit Preparation of Application engineering section

Amount:

of FCC Form 2100

\$1,750.00

Perform engineering study for new channel assignment and antenna development

Component Description: WXIX-530-RF Eng

- Engineering Study for New Channel Assignment \$2,250.00

Amount:

Component Description: Engineering study

work for new channel

assignment and

antenna

development.

Amount: \$125.00

Component Description:

Amount:

Repack Engineering

\$3,362.50

Component Description: Engineering study

work for new channel

assignment and

antenna development

Amount: \$1,000.00

Prepare and or review reimbursement form

Component Description: WXIX-550-Attorney

- Prepare and or

review

reimbursement form

Amount: \$3.34

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos
Other Expenses	\$75,932.92	\$68,132.92		\$32,348.64	
Equipment Storage	\$30,500.00	\$30,500.00	Estimate for Dielectric on site antenna storage Dielectric letter attached	\$2,870.00	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
Site Security	\$7,108.38	\$7,108.38	Please see WXIX-TV Site Security Budget Revision Justification Letter	\$7,108.38	N/A
Equipment Delivery and Handling Charges	\$23,779.36	\$23,779.36	please see Estimated Cost Justification WXIX-610- Equipment Delivery and Handling V1	\$22,225.08	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,750.00	Group quote attached	N/A	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	\$145.18	\$145.18	Please see WXIX-TV Disposal Budget Revision Justification Letter	\$145.18	N/A
MVPD Notification of Channel Change	\$0.00	\$0.00	N/A	N/A	N/A
Sub-total	\$75,932.92	\$68,132.92	N/A	\$32,348.64	N/A
Total for all systems	\$2,968,657.16	\$2,360,239.33	N/A	\$1,353,640.69	N/A

Components

Actual Information Description	File Name	
Equipment Storage		
	Component Description: Amount:	WXIX-610- Equipment Storage \$2,870.00
	Component Description: Amount:	Storage \$2,870.00
Develop and air announcement of upcoming channel change	Information not provided.	

te Security		
	Component Description:	July 2020 -
		Transmitter
		repack project.
		On site to make
		rounds
	Amount:	\$2,305.42
	Component Description:	August 2020 -
		Transmitter
		repack project.
		On site to make
		rounds
	Amount:	\$4,802.96

Equipment Delivery and Handling Charges		
nanding Charges	Component Description:	other
	Amount:	\$4,061.04
	Component Description:	SCISSOR LIFT
	Amount:	19'x32" \$640.93
	Amount	ψ0+0.30
	Component Description:	FREIGHT AND
		SHIPPING
	Amount:	\$2,497.50
	Component Description:	FREIGHT AND
		SHIPPING
	Amount:	\$3,491.99
	Component Description:	OTHER
	Amount:	\$817.78
	Component Description:	WXIX-610-
		Equipment
		Delivery and
		Handling
	Amount:	\$10,715.84
	Amount:	\$10,715.84
	Amount: Information not provided.	\$10,715.84
DTV Medical Facility Notification Disposal Costs (for		\$10,715.84
Notification Disposal Costs (for equipment and other waste,		1 Waste
Notification	Information not provided.	1 Waste Container 30 Cu
Notification Disposal Costs (for equipment and other waste,	Information not provided.	1 Waste
Notification Disposal Costs (for equipment and other waste,	Information not provided.	1 Waste Container 30 Cu Yd, On Call

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,968,657.16	\$2,360,239.33	\$1,353,640.69

Reimbursem	entestiatus	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

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. Robert Folliard , III

Assistant Secretary

07/23/2021

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. Robert Folliard , III

Assistant Secretary

07/23/2021

Attachments