



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **36912** | Service: **DTV** | Call **WSAZ-TV** | Channel: **22 (UHF)** |
ID: | Sign:
File **0000028915**
Number:
FRN: **0018223693** | Date **08/14**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GRAY TELEVISION LICENSEE, LLC Doing Business As: GRAY TELEVISION LICENSEE, LLC	WSAZ 645 FIFTH AVENUE HUNTINGTON, WV 25701 United States	+1 (304) 697- 4780	robert. folliard@gray. tv	Limited Liability Company

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Samuel Hariton <i>Widely, inc.</i>	4031 University Dr Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widely.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.		Yes
Briefly describe transition plan		WSAZ will be replacing its main transmission line, antenna, and transmitter, its aux antenna. The station will be installing a broadband main antenna and broadband interim antenna to be shared with WQCW. The station will also be installing an interim XMTR

Transmitters

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	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	DCX- Millenium
	Year	2003
	Type	Inductive Output Tube
	IOT Power Type	Three
	Power Capacity	60 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-72
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	47.2 kW
	Justification for New Transmitter	Existing transmitter cannot be retuned

Primary
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	500 kVA
	Rigid Conduit and Wiring	Yes
	Size	4 inches
	Length	200.0 feet
	Other Electrical Service	Yes

	Description	The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter **Other Transmitter Cost Not Listed**

Name	Description
BGS	Burk Transmitter Remote WSAZ
Pad for Heat Exchangers	Pad for Heat Exchangers behind new Building

Ice Bridge Building Interconnect	Ice Bridge for interconnection between buildings
Basic Site Survey	Basic site survey by GatesAir for planning transmitter(s) installation

**Interim
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	ULXTE-30
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	19.2 kW
	Justification for New Transmitter	Interim transmitter needed to broadcast during the 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)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes

	Description	The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractor.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	20 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A
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
Tower to interim building ice bridge	Tower to interim building ice bridge

Building Renovation	Renovate OLD building to install Interim facility
Site Prep	Site prep for Construction
Waveguide Switch for Interim	UHF Inside RF System including switching

Antennas

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

**Auxiliary
Antenna****Existing Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Backup Antenna
	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 Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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)	724.0 kW

Manufacturer	
Model	TFU- 20DSC-R 04
Year	2002

**Auxiliary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Backup Antenna
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	2
	Number of Panels/Bays	2
	Lower Limit	476.00 MHz
	Upper Limit	530.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	546.0 kW
	Manufacturer	

Model	SBB-24C170
Year	2017
Justification for New Antenna	Needed for interim operations

Auxiliary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	Upper and lower frequency
	Frequency	476.0 MHz - 530.0 MHz
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

**Auxiliary
Antenna**

Other Antenna Cost Not Listed

Name	Description
Ice Shield	Ice Shield over Coax into old Building for interim

**Primary
Antenna**

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 Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	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)	595.0 kW

Manufacturer	
Model	ATW28H3- ETO-23H Trasar
Year	2010

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Panel
	Number of Stations Supported	2
	Number of Panels/Bays	64
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	640.0 kW
	Manufacturer	
	Model	PEPSIL60D

	Year	2018
	Justification for New Antenna	Main antenna cannot be retuned, combining with WQCW

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	Upper and lower frequency
	Frequency	470.0 MHz - 698.0 MHz
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	8 3/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power 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

Primary Antenna	Other Antenna Cost Not Listed
	Information not provided.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

**Auxiliary
Transmission Line**

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Backup
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	970 feet per run

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID	Call Sign
65130	WQCW

Auxiliary
Transmission Line

New Transmission Line

Section

Section	Question	Response
New Transmission Line Costs	Use	Auxiliary (Backup)
	Description of Use	Backup and Interim
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	960 feet per run
	Justification for New Transmission Line	Needed for interim broadcasting

Auxiliary
Transmission Line

Other Transmission Line Expenses Not Listed

Name

Description

Name	Description
Sweep Existing Transmission Line	Sweep of existing transmission line to determine viability on new channel(s)

Primary
Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1022 feet per run

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Facility ID	Call Sign
65130	WQCW

Primary
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1022 feet per run
	Justification for New Transmission Line	The current line will not support the combined RF power for two full power transmitters.

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower
Equipment
And
Rigging
Costs**

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

**Primary
Tower**

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1035121
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	38° 30' 36.3" N-
	Longitude (NAD83)	082° 13' 09.5" W-
	Overall Structure Height	1029.84 feet
	Support Structure Height	966.20 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1011.14 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	Gray Television Group, Inc.
Date Constructed	10/27/2014

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:	Major Reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Tower Mapping	Mapping of existing tower.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	900
	Explanation	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	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs **Other Professional Services Expenses Not Listed**

If wireless is not provided.

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	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
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
Tree Removal		Removal of Trees for Tagline Rigging
Security		Security for Site 60 Days

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 ULXTE-30	\$836,328.07	\$714,951.61		\$631,051.19	
Waveguide Switch for Interim	<i>\$50,000.00</i>	\$50,000.00	N/A	N/A	N/A
Site Prep	<i>\$10,600.00</i>	\$10,600.00	N/A	\$932.40	N/A
Tower to interim building ice bridge	<i>\$6,917.55</i>	\$6,917.55	See attached Steel Products and Manufacturing quote #003 for Ice Bridge between tower and analog transmitter building.	\$4,345.64	N/A
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$562,623.54	N/A	\$542,962.63	N/A

Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractor.	\$2,000.00	\$2,000.00	N/A	\$0.00	N/A
Other -- HVAC Service Type: C Size:20 (Other)	\$44,806.50	\$44,806.50	20 ton split system shared cost with WQCW. Please see Maynard C. Smith Construction Quote WSAZ-HVACRev1. This quote has been uploaded into LMS and is attached to the submitted invoice.	\$44,806.50	N/A
Building Renovation	\$38,004.02	\$38,004.02	PI Tudor Roofing Co, Incorporated Invoice #7715	\$38,004.02	N/A
Primary Transmitter ULXTE-72	\$1,724,663.99	\$1,401,414.37		\$942,176.57	
Basic Site Survey	\$9,000.00	\$9,000.00	See vendor invoice	\$8,538.60	N/A

Ice Bridge Building Interconnect	\$12,250.00	\$12,250.00	This is half the cost, other half paid by WQCW. Revised quote uploaded.	\$12,250.00	N/A
Pad for Heat Exchangers	\$74,256.50	\$74,256.50	See Maynard C. Smith Construction Co. Revised Quote WSAZ-SOG101rev3. This is half the cost, other half paid by WQCW	\$74,256.50	N/A
BGS	\$2,838.00	\$2,838.00	See attached BGS quote	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,153,150.38	Please see attached Gatesair Quote 76749, the estimated costs are \$1,153,150.38.	\$798,557.16	x
Transformer 3 phase/480v - 500 KVA	\$48,400.00	\$46,000.00	N/A	N/A	N/A
4" Rigid Conduit and Wiring (Cost per foot)	\$20,200.00	\$19,200.00	N/A	N/A	N/A

Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.	\$84,719.49	\$84,719.49	Whitt-Meadows quote; see invoice Whitt-Meadows Electric, Inc. 9341 & 9388	\$48,574.31	N/A
Sub-total	\$2,560,992.06	\$2,116,365.98	N/A	\$1,573,227.76	N/A
Total for all systems	\$5,323,991.69	\$4,104,466.87	N/A	\$2,278,922.25	N/A

Components

Actual Information	
Description	File Name
Waveguide Switch for Interim	Information not provided.
Site Prep	<p>Component Description: 2001010 259 COMPACT TRACK LOADER</p> <p>Amount: \$932.40</p>
Tower to interim building ice bridge	<p>Component Description: Quote #08 WSAZ Ice Bridge Expansion</p> <p>Amount: \$4,345.64</p>

UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	<div> Component Description: ULXTE-30 Transmitter per Quote Q-76430 </div> <div> Amount: \$41,949.47 </div>
	<div> Component Description: ULXTE-30 Transmitter </div> <div> Amount: \$139,131.64 </div>
	<div> Component Description: Interim Transmitter - UKLTE-30 Transmitter - 70% </div> <div> Amount: \$361,881.52 </div>
Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractor.	Information not provided.
Other -- HVAC Service Type: C Size:20 (Other)	<div> Component Description: Quote 04: WSAZ transmitter HVAC101Rev1 </div> <div> Amount: \$44,806.50 </div>
Building Renovation	<div> Component Description: Furnish and install downspout, cover wood fascia </div> <div> Amount: \$1,115.02 </div> <div> Component Description: Quote # 01. WSAZ Transmitter - Interior Demolition </div> <div> Amount: \$36,889.00 </div>

Basic Site Survey	Component Description: Field Engineering Fees Amount: \$8,538.60
Ice Bridge Building Interconnect	Component Description: Quote #03 WSAZ Ice Bridge Rev 3 Amount: \$12,250.00
Pad for Heat Exchangers	Component Description: Quote #2 WSAZ SOG101Rev5 Amount: \$74,256.50
BGS	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	Component Description: 04/24/2019 7872628 BOTTLE DEPOSIT 30 @ 7.00 Amount: \$451.89 Component Description: ULXTE-72 Transmitter Amount: \$798,105.27
Transformer 3 phase/480v - 500 KVA	Information not provided.
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.	Component Description: Demo install new lights underground conduits Amount: \$5,064.64

Component Description:	Labor and materials
Amount:	\$9,876.01
Component Description:	HOURS LABOR-MARK H.-4/22/19
Amount:	\$2,233.21
Component Description:	Please deny this invoice
Amount:	N/A
Component Description:	Set tranfer switch-stored material, hours labor
Amount:	\$7,261.69
Component Description:	Professional services
Amount:	\$3,644.00
Component Description:	Copper Strap, 3in. x .032in. x 100ft.
Amount:	\$869.00
Component Description:	Please deny this invoice
Amount:	N/A
Component Description:	NEEPB-700 D 2 1 /2" Bushing
Amount:	\$19,625.76

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
Primary Antenna PEPSIL60D	\$877,880.00	\$427,200.00		\$131,008.95	
UHF - High Power Top Mount (200-1000 kW), Two Station broadband panel antenna, elliptically or circularly polarized	\$768,000.00	\$365,000.00	WSAZ's half of the cost	\$129,248.95	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$50,000.00	WSAZ's half of the cost	N/A	N/A
Elbow complex, broadband, at antenna input, per 8 3/16. feedline (if needed)	\$18,950.00	\$9,000.00	WSAZ's half of the cost	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$3,200.00	N/A	\$1,760.00	N/A
Auxiliary Antenna SBB-24C170	\$220,375.63	\$225,194.72		\$168,376.90	

Sweep test of existing antenna	\$6,730.00	\$3,200.00	WSAZ's half of the cost	\$2,560.00	N/A
UHF â€“ Broadband Panel, Side Mount Auxiliary /Interim, 546 horizontally polarized	\$75,635.63	\$75,635.63	Per DTVPros quote JEHQ1438. This cost is split 50/50 with WQCW	\$60,508.51	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$111,899.09	WSAZ's half of the cost per quote Q-76353r1	\$94,654.04	X
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$6,500.00	WSAZ's half of the cost	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$11,000.00	WSAZ's half of the cost	N/A	N/A
Ice Shield	\$16,960.00	\$16,960.00	WSAZ's half of the cost	\$10,654.35	N/A
Sub-total	\$1,098,255.63	\$652,394.72	N/A	\$299,385.85	N/A
Total for all systems	\$5,323,991.69	\$4,104,466.87	N/A	\$2,278,922.25	N/A

Components

Actual Information		
Description	File Name	
UHF - High Power Top Mount (200-1000 kW), Two Station broadband panel antenna, elliptically or circularly polarized	Component Description:	UHF-HIGH POWER TOP MOUNT (200-1000KW)
	Amount:	\$62,731.75
	Component Description:	New primary antenna UHF High Power Top Mount (200-1000kW)
	Amount:	\$66,517.20
New combiner, cost per channel (without antenna)	Information not provided.	
Elbow complex, broadband, at antenna input, per 8 3 /16. feedline (if needed)	Information not provided.	
Sweep test of existing antenna	Component Description:	WSAZ-210-Sweep test New Primary Antenna
	Amount:	\$800.00
	Component Description:	Sweep Test
	Amount:	\$960.00

Sweep test of existing antenna	Component Description:		Sweep test New
	Amount:		Auxiliary Antenna
			\$960.00
	Component Description:		WSAZ-Sweep Test
	Amount:		New Auxiliary
			Antenna
UHF 6" Broadband Panel, Side Mount Auxiliary /Interim, 546 horizontally polarized	Component Description:		WSAZ-250-Sweep
	Amount:		test New Auxiliary
			Antenna
	Component Description:		WSAZ-250-Sweep
	Amount:		test New Auxiliary
			Antenna
UHF 6" Broadband Panel, Side Mount Auxiliary /Interim, 546 horizontally polarized	Component Description:		UHF -
	Amount:		BROADBAND
			PANEL, SIDE
	Component Description:		MOUNT AUX
	Amount:		/INTERIM
			\$18,908.91
UHF 6" Broadband Panel, Side Mount Auxiliary /Interim, 546 horizontally polarized	Component Description:		UHF -
	Amount:		BROADBAND
			PANEL, SIDE
	Component Description:		MOUNT AUX
	Amount:		/INTERIM
			\$22,690.69
UHF 6" Broadband Panel, Side Mount Auxiliary /Interim, 546 horizontally polarized	Component Description:		UHF - Broadband
	Amount:		Panel, Side Mount
			Aux/Interim
	Component Description:		Antenna
	Amount:		\$18,908.91

New combiner, cost per channel (without antenna)	<div> <div> Component Description: Amount: </div> <div> Interim Channel Combiner \$16,324.68 </div> </div> <div> <div> Component Description: Amount: </div> <div> Interim Channel Combiner \$78,329.36 </div> </div>
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Ice Shield	<div> <div> Component Description: Amount: </div> <div> Ice shield New Auxillary Antenn \$10,654.35 </div> </div>

Cost
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$407,778.00	\$193,669.00		\$120,061.79	
Rigid Transmission Line - copper, 8 3 /16" broadband	\$407,778.00	\$193,669.00	WSAZ's half of the cost	\$120,061.79	N/A
Auxiliary Transmission Line	\$225,720.00	\$153,921.02		\$63,011.99	
Rigid Transmission Line - copper, 6 1 /8" broadband	\$222,720.00	\$150,921.02	WSAZ's half of the cost, per quote	\$60,368.39	N/A
Sweep Existing Transmission Line	\$3,000.00	\$3,000.00	See vendor invoice	\$2,643.60	N/A
Sub-total	\$633,498.00	\$347,590.02	N/A	\$183,073.78	N/A
Total for all systems	\$5,323,991.69	\$4,104,466.87	N/A	\$2,278,922.25	N/A

Components

Actual Information Description	File Name
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Rigid Transmission Line - copper, 8 3/16" broadband	<div> Component Description: 20 foot MACXLine section </div> <div> Amount: \$37,459.13 </div>
	<div> Component Description: MACX875B-1 </div> <div> Amount: \$37,459.13 </div>
	<div> Component Description: LEASE CYL INO LARGE </div> <div> Amount: \$192.60 </div>
	<div> Component Description: New Primary Transmission Line </div> <div> Amount: \$44,950.93 </div>
Rigid Transmission Line - copper, 6 1/8" broadband	<div> Component Description: RIGID TRANSMISSION LINE - COPPER </div> <div> Amount: \$18,865.12 </div>
	<div> Component Description: New Auxiliary Transmission Line </div> <div> Amount: \$22,638.15 </div>
	<div> Component Description: Rigid Transmission Line - Copper </div> <div> Amount: \$18,865.12 </div>
Sweep Existing Transmission Line	<div> Component Description: Sweep test of transmission line and antenna </div> <div> Amount: \$2,643.60 </div>

Cost
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower GTOWER	\$661,060.00	\$636,210.00		\$100,161.25	
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	\$53,556.25	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$15,245.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$19,250.00	Includes state and local taxes; Hodge Proposal 2019-Gray-WSAZ-Geotech-0102-N	\$19,250.00	N/A
Tower Mapping	\$16,960.00	\$16,960.00	N/A	\$12,110.00	N/A
Sub-total	\$661,060.00	\$636,210.00	N/A	\$100,161.25	N/A
Total for all systems	\$5,323,991.69	\$4,104,466.87	N/A	\$2,278,922.25	N/A

Components

Actual Information	
Description	File Name

Tall Tower (greater than 500')	<div> <div> Component Description: </div> <div> Install antennas and lines on Existing Primary Tower </div> </div> <div> Amount: </div> <div> \$41,056.25 </div> <div> Component Description: </div> <div> Professional Engineering Services </div> <div> Amount: </div> <div> \$12,500.00 </div>
Major tower reinforcement /modifications	<div> <div> Component Description: </div> <div> Install antennas and lines on Existing Primary Tower </div> </div> <div> Amount: </div> <div> \$2,500.00 </div> <div> Component Description: </div> <div> Phase 1. Provide plan view of the antenna power divider installed withi the WSAZ tower. </div> <div> Amount: </div> <div> \$3,450.00 </div> <div> Component Description: </div> <div> Engineering Materials & Freight </div> <div> Amount: </div> <div> \$9,295.00 </div>

Structural engineering tower load study for well documented tower	Component Description: Amount:	Rigorous Analysis \$2,250.00
	Component Description: Amount:	Engineering Evaluation, Level 1 Corrosion Risk Analysis \$4,000.00
	Component Description: Amount:	Engineering Evaluation, Level 1 Corrosion Risk Analysis \$4,000.00
	Component Description: Amount:	GeoTech Survey Foundation Analysis \$9,000.00
Tower Mapping	Component Description: Amount:	Tower mapping Existing Primary Tower \$4,500.00
	Component Description: Amount:	Tower Mapping \$7,610.00

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$185,015.00	\$175,250.00		\$88,026.95	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$196.50	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	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
Project management of the transition	\$142,200.00	\$135,000.00	N/A	\$82,581.45	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$962.00	N/A

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$2,424.50	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,862.50	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
Sub-total	\$185,015.00	\$175,250.00	N/A	\$88,026.95	N/A
Total for all systems	\$5,323,991.69	\$4,104,466.87	N/A	\$2,278,922.25	N/A

Components

Actual Information
Description

File Name

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<div> <div>Component Description:</div> <div>Complete and file initial repack CP application.</div> <div>Amount:</div> <div>\$196.50</div> </div>
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Project management of the transition	<div> <div>Component Description:</div> <div>Project management</div> <div>Amount:</div> <div>\$2,231.90</div> </div>

Component Description:	Project Management
Amount:	\$2,270.10

Component Description:	Project Management
Amount:	\$3,958.55

Component Description:	Project Management
Amount:	\$4,329.75

Component Description:	Project Management
Amount:	\$3,016.15

Component Description:	Project Management
Amount:	\$3,841.95

Component Description:	Project Management
Amount:	\$3,742.20

Component Description:	Mailing: Print and mail a two page, black and white generically addressed letter
Amount:	\$2,877.50

Component Description:	Project Management
Amount:	\$2,270.60

Component Description:	Project Mgt
Amount:	\$839.75

Component Description:	Project Management
Amount:	\$4,989.45

Component Description:	Project Management
Amount:	\$3,473.35

Component Description:	Project Management
Amount:	\$2,285.40

Component Description:	Cost Reconciliation
Amount:	\$3,501.45

Component Description:	Project Mgt
Amount:	\$1,326.45

Component Description:	Cost Reconciliation
Amount:	\$3,496.70

Component Description:	Project Mgt
Amount:	\$2,942.30

Component Description:	Project Management
Amount:	\$2,006.25

Component Description:	Project management
Amount:	\$1,328.55

Component Description:	Project Management
Amount:	\$1,968.10

Component Description:	Project Management
Amount:	\$2,452.40

Component Description:	Transition Related Project Management Costs
Amount:	\$1,500.00

Component Description:	Project Management
Amount:	\$5,979.40

Component Description:	Project Management
Amount:	\$2,265.25

Component Description:	Project Mgt
Amount:	\$733.30

Component Description:	Project Management
Amount:	\$4,831.90

Component Description:	Project Management
Amount:	\$1,930.60

Component Description:	Project Mgt
Amount:	\$3,488.80

Component Description:	Project management
Amount:	\$2,675.15

	Component Description: Project Mgt Amount: \$28.20
Address transition timing and coordination issues w/ other stations and wireless	Component Description: Review linked set information for WSAZ Amount: \$962.00
Prepare and or review reimbursement form	Information not provided.
Perform engineering study for new channel assignment and antenna development	Component Description: Consulting Engineer Amount: \$425.00 Component Description: Review proposed antenna specifications from additional vendor, discuss vendor and prompt recalculation of gain required TPO. Amount: \$125.00 Component Description: Engineering Study for New Channel Assignment Amount: \$1,062.00 Component Description: Perform engineering study for new channel assignment Amount: \$812.50

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<table> <tr> <td data-bbox="707 174 1015 210">Component Description:</td><td data-bbox="1150 174 1366 405">support response to review of reimbursement form 399 provide summaries of additional antenna</td></tr> <tr> <td data-bbox="707 416 815 452">Amount:</td><td data-bbox="1150 416 1246 452">\$375.00</td></tr> <tr> <td data-bbox="707 555 1015 591">Component Description:</td><td data-bbox="1150 555 1382 591">RF Consulting Fees</td></tr> <tr> <td data-bbox="707 595 815 631">Amount:</td><td data-bbox="1150 595 1267 631">\$1,487.50</td></tr> </table>	Component Description:	support response to review of reimbursement form 399 provide summaries of additional antenna	Amount:	\$375.00	Component Description:	RF Consulting Fees	Amount:	\$1,487.50
Component Description:	support response to review of reimbursement form 399 provide summaries of additional antenna								
Amount:	\$375.00								
Component Description:	RF Consulting Fees								
Amount:	\$1,487.50								
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.								
Prepare request for Special Temporary Authorization	Information not provided.								

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$185,171.00	\$176,656.15		\$35,046.66	
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$86,210.00</i>	\$86,210.00	Maynard C. Smith Construction Co., Inc. quote WSAZ Demo Safety Klean Disposal Quote	\$2,113.37	N/A
Security	<i>\$9,000.00</i>	\$9,000.00	Cost shared between stations	N/A	N/A
Tree Removal	<i>\$12,349.00</i>	\$12,349.00	N/A	\$12,349.00	Sub-total equals Estimated Cost
DTV Medical Facility Notification	\$11,550.00	\$3,050.15	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Non-zoning permits	<i>\$11,660.00</i>	\$11,660.00	N/A	N/A	N/A

Equipment Delivery and Handling Charges	\$21,200.00	\$21,200.00	N/A	\$18,866.36	N/A
Develop and air announcement of upcoming channel change	\$10,000.00	\$10,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$1,272.00	\$1,272.00	N/A	N/A	N/A
Equipment Storage	\$21,400.00	\$21,400.00	Storage Rates Central Van and Storage quote	\$1,717.93	N/A
Sub-total	\$185,171.00	\$176,656.15	N/A	\$35,046.66	N/A
Total for all systems	\$5,323,991.69	\$4,104,466.87	N/A	\$2,278,922.25	N/A

Components

Actual Information

Description

File Name

<p>Disposal Costs (for equipment and other waste, net of any salvage value)</p>	<table> <tr> <td data-bbox="686 87 1085 403"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1085 87 1426 403"> <p>1 Waste Container 40 Cu Yd, On Call Service \$153.06</p> </td></tr> <tr> <td data-bbox="686 403 1085 716"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1085 403 1426 716"> <p>1 Waste Container 40 Cu Yd, On Call Service \$100.71</p> </td></tr> <tr> <td data-bbox="686 716 1085 1030"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1085 716 1426 1030"> <p>TANK 550GAL UPRIGHT \$953.98</p> </td></tr> <tr> <td data-bbox="686 1030 1085 1344"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1085 1030 1426 1344"> <p>1 Waste Container \$804.91</p> </td></tr> <tr> <td data-bbox="686 1344 1085 1411"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1085 1344 1426 1411"> <p>"1 Waste Container 40 Cu Yd, On Call Service Rental 07 /01-07/31" \$100.71</p> </td></tr> </table>	<p>Component Description:</p> <p>Amount:</p>	<p>1 Waste Container 40 Cu Yd, On Call Service \$153.06</p>	<p>Component Description:</p> <p>Amount:</p>	<p>1 Waste Container 40 Cu Yd, On Call Service \$100.71</p>	<p>Component Description:</p> <p>Amount:</p>	<p>TANK 550GAL UPRIGHT \$953.98</p>	<p>Component Description:</p> <p>Amount:</p>	<p>1 Waste Container \$804.91</p>	<p>Component Description:</p> <p>Amount:</p>	<p>"1 Waste Container 40 Cu Yd, On Call Service Rental 07 /01-07/31" \$100.71</p>
<p>Component Description:</p> <p>Amount:</p>	<p>1 Waste Container 40 Cu Yd, On Call Service \$153.06</p>										
<p>Component Description:</p> <p>Amount:</p>	<p>1 Waste Container 40 Cu Yd, On Call Service \$100.71</p>										
<p>Component Description:</p> <p>Amount:</p>	<p>TANK 550GAL UPRIGHT \$953.98</p>										
<p>Component Description:</p> <p>Amount:</p>	<p>1 Waste Container \$804.91</p>										
<p>Component Description:</p> <p>Amount:</p>	<p>"1 Waste Container 40 Cu Yd, On Call Service Rental 07 /01-07/31" \$100.71</p>										
<p>Security</p>	<p>Information not provided.</p>										

Tree Removal	Component Description: Trees cut X3 - pin oak - left side of tower Amount: \$4,452.00
	Component Description: Barker Ridge - clear cut back side of Tower site Amount: \$5,300.00
	Component Description: Clear cut NE corner Amount: \$1,908.00
	Component Description: Tree removal - SE corner Amount: \$689.00
DTV Medical Facility Notification	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
Non-zoning permits	Information not provided.
Equipment Delivery and Handling Charges	Component Description: 2071010 TL943 TELEHANDLER Amount: \$489.45
	Component Description: 57 LID #1451451 Zone 3 Delivery Charge Amount: \$701.70

Component Description:	ZONE 3 DELIVERY CHARGE
Amount:	\$2,841.58

Component Description:	Equipment Rental
Amount:	\$2,694.00

Component Description:	Rental Items 2071010 TL943 TELEHANDLER
Amount:	\$489.45

Component Description:	2071000 TL642 TELEHANDLER
Amount:	\$2,494.00

Component Description:	Compact Track Loader
Amount:	\$1,199.00

Component Description:	2LID1 #1451358, Zone 3 Delivery Charge
Amount:	\$692.05

Component Description:	2071000 TL642 Telehandler
Amount:	\$568.90

Component Description:	2 LID #1451358, Zone 3 Delivery Charge
Amount:	\$662.56

	Component Description: 4LID1#1451358, Zone 3 Delivery Charge Amount: \$677.17
	Component Description: Rental of a TL642D Telehandler Amount: \$620.50
	Component Description: 2073000 TH255 TELEHANDLER Amount: \$2,142.00
	Component Description: Rental Items Amount: \$2,594.00
Develop and air announcement of upcoming channel change	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Equipment Storage	Component Description: 40' STANDARD TRI CAM CONTAINER SN Amount: \$164.06 Component Description: 40' STANDARD TRI CAM CONTAINER Amount: \$1,107.46 Component Description: Uline pallet truck Amount: \$446.41

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$5,323,991.69	\$4,104,466.87
			\$2,278,922.25

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

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

<p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Robert Folliard , III . <i>Assistant Secretary</i></p> <p>08/14/2019</p>

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 IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Robert Folliard , III . <i>Assistant Secretary</i></p> <p>08/14/2019</p>

Attachments