



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **31590** | Service: **DTV** | Call **WCTV** | Channel: **20 (UHF)** |  
ID: | Sign:  
File **0000028726**  
Number:  
FRN: **0018223693** | Date **08/18**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>GRAY TELEVISION LICENSEE, LLC</b>	WCTV 1801	+1 (404) 504-9828	Robert. Folliard@gray.	Limited Liability
Doing Business As: KNOXVILLE TV LLC	HALSTEAD BLVD. Tallahassee, FL 32309 United States		tv	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
<b>Samuel Hariton</b> <i>Widely</i>	Samuel Hariton 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.		No
Briefly describe transition plan		WCTV will be changing the antenna, line and transmitter on the main broadcast site. WCTV will utilize the existing auxiliary site on a different tower as an interim site.

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	CDUK3100UPG3
	Year	2005
	Type	Inductive Output Tube
	IOT Power Type	Three
	Power Capacity	90.0 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	This is an old Harris IOT Transmitter that will not be able to be retuned. See GatesAir memo 1/1 /2017.

**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	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A

	Length	N/A
	Other Electrical Service	Yes
	Description	The new main 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.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
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<b>HVAC</b>	Undetermined tonnage and duct work required for plumbing new transmitter installation.
<b>Building Renovations</b>	Interior renovations required for installation of new transmitter.
<b>Primary Transmitter - Installation</b>	Primary Transmitter - Installation
<b>Concrete Pads</b>	Concrete pads required for new heat exchangers for the new transmitter.

**Interim  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	UAXTE 12R44
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	7.2 kW
	Justification for New Transmitter	Necessary to power interim facility while new main antenna is installed.

**Interim  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	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 main 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.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
<b>Inside RF System</b>	Is an additional interior RF system required to support this interim transmitter?	Yes

**Interim Transmitter**      **Other Transmitter Cost Not Listed**  
Information not provided.



**Antennas**

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

**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	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) .....	1000.0 kW

Manufacturer	
Model	TFU-30DSC-RO4
Year	2005

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?	No
	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	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) .....	750.0 kW
	Manufacturer	

Model	TFU-30GTH /VP-R04
Year	2019
Justification for New Antenna	The old antenna is an Side Mount and cannot be retuned and used as a top mount

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	
	Type	
	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
<b>Elbow Complex</b>	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
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No

<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes
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**Primary  
Antenna**

**Other Antenna Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Top Plate Adapter</b>	Adapter for the top of the tower

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	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
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	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) .....	100.0 kW
	Manufacturer	
	Model	TLP24B CH20
	Year	2017

	Justification for New Antenna	Needed so that WCTV can continue to operate while the new main antenna, line and transmitter are installed.
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## Interim Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	4
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	3 1/8 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes



**Enter a list of RF channel numbers.**

RF Channel Number
17
20
30
33

**Interim  
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

**Primary**  
**Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	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
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	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	1970 feet per run

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	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	78 feet per run
	Justification for New Transmission Line	Moving from a side mount to a top mount antenna, using the existing transmission line and buying 78 additional feet of it.

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Interim**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	870 feet per run
	Justification for New Transmission Line	Installing interim antenna

**Interim**  
**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

**Auxiliary  
Tower**

**Add Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Backup Tower
	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?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1031203
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	30° 34' 28.0" N-
	Longitude (NAD83)	084° 12' 09.0" W-
	Overall Structure Height	898.94 feet
	Support Structure Height	833.32 feet
	Ground Elevation Above Mean Sea Level (AMSL)	144.36 feet
	Structure Type	GTOWER - Guyed

		Structure Used for Communication Purposes
	Tower Owner	Gray Television Group, Inc.
	Date Constructed	01/01/1973

**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
3032	WVUP-CD	DTV

## Auxiliary Tower

### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

## Auxiliary Tower

### Tower Rigging Costs

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

**Auxiliary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
Structural Load Study	Structural engineering tower load study for poorly documented tower



## Primary Tower

### Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1019981
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	30° 40' 14.0" N-
	Longitude (NAD83)	083° 56' 26.0" W-
	Overall Structure Height	1999.98 feet
	Support Structure Height	1925.83 feet
	Ground Elevation Above Mean Sea Level (AMSL)	221.78 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Gray Television

		Group, Inc.
	Date Constructed	01/01/1987

**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
21801	WFSU-TV	DTV
93356	WKVH	FM

## Primary Tower

### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly 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
Structural Load Study	



**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	595
	Explanation	Strategic Support
<b>Outside RF consulting Engineering Services</b>	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	No
	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	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	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	No
	Address transition timing and coordination issues w/ other stations and wireless providers	No
<b>RF Field Engineering Services</b>	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**

Name	Description
Attorney Fees - Other Matters	Legal Services

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
<b>Other Miscellaneous Expenses</b>	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	Security for site while equipment is being stored for sites.
Tree Removal	Removing trees for tag line for tower work
FCC Filing Fees- Auxiliary Antenna Construction Permit	Auxiliary Antenna Construction Permit FCC Filing Fees

## 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
<b>Interim Transmitter UAXTE 12R44</b>	<b>\$450,580.04</b>	<b>\$476,145.84</b>		<b>\$288,680.01</b>	
Other Electrical Service: The new main 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.	<i>\$32,092.00</i>	\$32,092.00	see Estimated Cost Justification WCTV-180-Electrical Service New Interim Transmitter v0	\$32,092.00	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$36,965.80	per ASCO SPD Quote and Weston Trawick Quote	\$0.00	N/A
UHF - Air Cooled Solid State Transmitter 7.2 kW	<i>\$256,588.04</i>	\$256,588.04	see Estimated Cost Justification WCTV-180-New Interim Transmitter v0	\$256,588.01	N/A
UHF inside RF	\$147,500.00	\$150,500.00	State and	\$0.00	N/A



system  
including  
switching

local taxes

<b>Primary Transmitter ULXTE-72</b>	<b>\$3,181,417.99</b>	<b>\$2,915,095.84</b>		<b>\$1,373,746.83</b>	
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$9,163.00	GatesAir Quote Q-81345	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,234,314.85	Per GatesAir Quote Q-81345	(\$254,022.13)	N/A
Primary Transmitter - Installation	<b>\$727.84</b>	\$727.84	see Estimated Cost Justification WCTV-110- New 1st Primary Transmitter Installation v0	\$727.82	N/A
HVAC	<b>\$76,502.60</b>	\$76,502.60	Please see WCTV - Primary Transmitter HVAC - Verified Budget Increase Justification v0	\$49,362.60	N/A
Building Renovations	<b>\$43,750.57</b>	\$43,750.57	see Estimated Cost Justification WCTV-110- Building renovations New 1st Primary Transmitter v0	\$37,824.19	N/A

Concrete Pads	<b>\$2,150.00</b>	\$2,150.00	N/A	N/A	N/A
Other Electrical Service: The new main 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.	<b>\$50,987.00</b>	\$50,987.00	see Estimated Cost Justification WCTV-110-Electrical Service New 1st Primary Transmitter v2	\$42,354.37	N/A
UHF - Liquid Cooled Solid State Transmitter 76 kW	<b>\$1,497,499.98</b>	\$1,497,499.98	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$1,497,499.98	N/A
<b>Sub-total</b>	\$3,631,998.03	\$3,391,241.68	N/A	\$1,662,426.84	N/A
<b>Total for all systems</b>	\$5,771,159.86	\$5,277,259.02	N/A	\$2,416,774.56	N/A

## Components

Actual Information	
Description	File Name
Other Electrical Service: The new main transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated	<div> <div>Component Description:</div> <div>Electrical Engineering Services</div> </div> <div> <div>Amount:</div> <div>\$5,125.00</div> </div>

based on verbal guidance from local electrical contractors.	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Work Performed</div> <div>\$26,967.00</div> </div>
Service entrance 3 phase /800 amp/208 volt	Information not provided.
UHF - Air Cooled Solid State Transmitter 7.2 kW	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Transmitter, Mask Filter System. Rf Accessories, Installation and Proof</div> <div>\$166,015.29</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>A. Transmitter</div> <div>\$68,799.27</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Transmitter</div> <div>\$21,773.45</div> </div>
UHF inside RF system including switching	Information not provided.
Transformer 3 phase/480v - 300 KVA	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Credit Memo</div> <div>(\$254,022.13)</div> </div>
Primary Transmitter - Installation	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Service Fee</div> <div>\$287.69</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Service Fee</div> <div>\$158.69</div> </div>

	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>GREAT STUFF 16 oz. Pestblock Insulating Foam</div> <div>\$281.44</div> </div>
HVAC	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Mercalf Buildings HVAC Install</div> <div>\$22,900.00</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Install 2 Hail Coil guards on 2 split systems.</div> <div>\$2,660.00</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Contract Billing</div> <div>\$16,977.00</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Electrical</div> <div>\$16,977.00</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Materials, Crew Hours Labor</div> <div>\$6,825.60</div> </div>
Building Renovations	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>2'X4' #2310 Radar</div> <div>\$297.13</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>RADAR S0 EDGE CELING</div> <div>\$686.99</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Contract Billing</div> <div>\$23,313.13</div> </div>

	<b>Component Description:</b>	Main Beam
	<b>Amount:</b>	\$35.11
	<b>Component Description:</b>	398095 WCTV
		Metcalf Transmitter
	<b>Amount:</b>	\$12,716.25
	<b>Component Description:</b>	9/16 X3-1/4 PFJ
	<b>Amount:</b>	\$83.93
	<b>Component Description:</b>	No longer seeking reimbursement // 9 /16 x3-1/4 PFJ
		WM713 Base
	<b>Amount:</b>	N/A
	<b>Component Description:</b>	Radar SO Edge
	<b>Amount:</b>	\$396.63
	<b>Component Description:</b>	No longer seeking reimbursement //
		2'x4' #2310 Radar
		Sq Edge Ceiling
		64SF
	<b>Amount:</b>	N/A
	<b>Component Description:</b>	Removing reimbursement request //
		Radar
		SO Edge
	<b>Amount:</b>	N/A
	<b>Component Description:</b>	2x4 120V LED
		Troffer w/ Prismatic
		LE
	<b>Amount:</b>	\$295.02
Concrete Pads	Information not provided.	

<p>Other Electrical Service: The new main 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.</p>	<table> <tr> <td data-bbox="692 103 1018 309"><b>Component Description:</b></td><td data-bbox="1018 103 1433 309">WCTV-110- Electrical Service New 1st Primary Transmitter</td></tr> <tr> <td data-bbox="692 309 1018 443"><b>Amount:</b></td><td data-bbox="1018 309 1433 443">\$12,716.25</td></tr> <tr> <td data-bbox="692 443 1018 645"><b>Component Description:</b></td><td data-bbox="1018 443 1433 645">Electrical Engineer</td></tr> <tr> <td data-bbox="692 645 1018 891"><b>Amount:</b></td><td data-bbox="1018 645 1433 891">\$6,325.00</td></tr> <tr> <td data-bbox="692 891 1018 1225"><b>Component Description:</b></td><td data-bbox="1018 891 1433 1225">WCTV-110- Electrical Service New 1st Primary Transmitter</td></tr> <tr> <td data-bbox="692 1225 1018 1339"><b>Amount:</b></td><td data-bbox="1018 1225 1433 1339">\$23,313.12</td></tr> </table>	<b>Component Description:</b>	WCTV-110- Electrical Service New 1st Primary Transmitter	<b>Amount:</b>	\$12,716.25	<b>Component Description:</b>	Electrical Engineer	<b>Amount:</b>	\$6,325.00	<b>Component Description:</b>	WCTV-110- Electrical Service New 1st Primary Transmitter	<b>Amount:</b>	\$23,313.12
<b>Component Description:</b>	WCTV-110- Electrical Service New 1st Primary Transmitter												
<b>Amount:</b>	\$12,716.25												
<b>Component Description:</b>	Electrical Engineer												
<b>Amount:</b>	\$6,325.00												
<b>Component Description:</b>	WCTV-110- Electrical Service New 1st Primary Transmitter												
<b>Amount:</b>	\$23,313.12												
<p>UHF - Liquid Cooled Solid State Transmitter 76 kW</p>	<table> <tr> <td data-bbox="692 891 1018 1137"><b>Component Description:</b></td><td data-bbox="1018 891 1433 1137">Transmitter, Mask Filter System, RF Accessories, Install &amp; Proof</td></tr> <tr> <td data-bbox="692 1137 1018 1225"><b>Amount:</b></td><td data-bbox="1018 1137 1433 1225">\$1,497,499.98</td></tr> </table>	<b>Component Description:</b>	Transmitter, Mask Filter System, RF Accessories, Install & Proof	<b>Amount:</b>	\$1,497,499.98								
<b>Component Description:</b>	Transmitter, Mask Filter System, RF Accessories, Install & Proof												
<b>Amount:</b>	\$1,497,499.98												

## 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
<b>Interim Antenna TLP24B CH20</b>	<b>\$203,370.00</b>	<b>\$185,476.80</b>		<b>\$116,344.80</b>	
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	\$9,340.00	\$8,624.00	Quote JEHQ1317	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$132,617.80	Please see attached WCTV Combiner - DTVPros Quote JEHQ1704 and Gray PO 1944 which includes taxes and freight.	\$94,227.20	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,200.00	N/A
UHF - Lower Power Side Mount, One Station antenna . medium power (50-	\$103,100.00	\$37,835.00	per DTVPros quote JEHQ1672	\$18,917.60	N/A

200 kW),  
elliptically  
or  
circularly  
polarized

<b>Primary Antenna TFU-30GTH /VP-R04</b>	<b>\$328,082.00</b>	<b>\$271,507.26</b>		<b>\$191,514.26</b>	
Top Plate Adapter	<b>\$19,552.00</b>	\$19,552.00	JEHQ1267-04	\$15,641.60	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$14,944.00	JEHQ1267-04	\$10,214.40	N/A
Sweep test of existing antenna	\$6,730.00	\$9,868.26	see Estimated Cost Justification WCTV-210-Sweep test New Primary Antenna v0	\$8,538.26	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$227,143.00	JEHQ1267-04	\$157,120.00	N/A
<b>Sub-total</b>	<b>\$531,452.00</b>	<b>\$456,984.06</b>	<b>N/A</b>	<b>\$307,859.06</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$5,771,159.86</b>	<b>\$5,277,259.02</b>	<b>N/A</b>	<b>\$2,416,774.56</b>	<b>N/A</b>



## Components

Actual Information	
Description	File Name
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.
New combiner, cost per channel (without antenna)	<b>Component Description:</b> RF System 4 Channel <b>Amount:</b> \$94,227.20
Sweep test of existing antenna	<b>Component Description:</b> WCTV-280-Sweep test New Interim Antenna <b>Amount:</b> \$3,200.00
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	<b>Component Description:</b> UHF - LOW POWER SIDE MOUNT <b>Amount:</b> \$18,917.60
Top Plate Adapter	<b>Component Description:</b> WCTV-210-Top plate adapter New Primary Antenna <b>Amount:</b> \$4,888.00  <b>Component Description:</b> WCTV-210-Top plate adapter New Primary Antenna <b>Amount:</b> \$4,888.00  <b>Component Description:</b> WCTV-210-Top plate adapter New Primary Antenna <b>Amount:</b> \$5,865.60

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<b>Component Description:</b>		WCTV-210-Elbow complex New
	<b>Amount:</b>		Primary Antenna \$3,192.00
	<b>Component Description:</b>		WCTV-210-Elbow complex New
	<b>Amount:</b>		Primary Antenna \$3,192.00
	<b>Component Description:</b>		WCTV-210-Elbow complex New
	<b>Amount:</b>		Primary Antenna \$3,830.40
Sweep test of existing antenna	<b>Component Description:</b>		Engineering field services to assess transmitter
	<b>Amount:</b>		\$3,418.26
	<b>Component Description:</b>		WCTV-210-Sweep test New
	<b>Amount:</b>		Primary Antenna \$1,600.00
	<b>Component Description:</b>		WCTV-210-Sweep test New
	<b>Amount:</b>		Primary Antenna \$1,600.00
	<b>Component Description:</b>		WCTV-210-Sweep test New
	<b>Amount:</b>		Primary Antenna \$1,920.00
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized			

<b>Component Description:</b>	UHF- HIGH POWER TOP MOUNT
<b>Amount:</b>	\$49,100.00

<b>Component Description:</b>	UHF- HIGH POWER TOP MOUNT
<b>Amount:</b>	\$49,100.00

<b>Component Description:</b>	UHF-High Power Top Mount (200- 1000KW)
<b>Amount:</b>	\$58,920.00

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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
Interim Transmission Line	\$51,330.00	\$37,835.20		\$18,519.17	
Flexible Air Transmission Line - dielectric, 3"	\$51,330.00	\$37,835.20	per DTVPros quote JEHQ1672	\$18,519.17	N/A
Primary Transmission Line	\$15,756.00	\$14,966.00		\$10,198.69	
Rigid Transmission Line - copper, 6 1/8"	\$15,756.00	\$14,966.00	JEHQ1267-04	\$10,198.69	N/A
Sub-total	\$67,086.00	\$52,801.20	N/A	\$28,717.86	N/A
Total for all systems	\$5,771,159.86	\$5,277,259.02	N/A	\$2,416,774.56	N/A

Components

Actual Information	
Description	File Name
Flexible Air Transmission Line - dielectric, 3"	<div>Component Description: WCTV-380-New Interim Transmission Line</div> <div>Amount: \$18,519.17</div>
Rigid Transmission Line - copper, 6 1/8"	

<b>Component Description:</b>	WCTV-310-New Primary Transmission Line
<b>Amount:</b>	\$3,157.47

<b>Component Description:</b>	WCTV-310-New Primary Transmission Line
<b>Amount:</b>	\$3,788.97

<b>Component Description:</b>	WCTV-310-New Primary Transmission Line
<b>Amount:</b>	\$3,157.47

<b>Component Description:</b>	Nitrogen Industrial 300
<b>Amount:</b>	\$94.78

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## 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
<b>Primary Tower TOWER</b>	<b>\$684,000.00</b>	<b>\$487,151.00</b>		<b>\$243,176.00</b>	
Tall Tower (greater than 500')	\$210,500.00	\$325,300.00	see Justifying Quote WCTV GTI America Q19-06-008 main antenna install	\$81,325.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$10,500.00	Hodge Invoice 19G000400.1	\$10,500.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$125,151.00	see Estimated Cost Justification WCTV-410-Reinforcements Existing Primary Tower v0	\$125,151.00	N/A
Structural Load Study	<i>\$26,200.00</i>	\$26,200.00	Estimated Cost Justification WCTV-410-Structural Analysis Existing Primary Tower V0	\$26,200.00	N/A
<b>Auxiliary Tower</b>	<b>\$666,300.00</b>	<b>\$660,900.00</b>		<b>\$15,900.00</b>	

## GTOWER

Tall Tower (greater than 500')	\$210,500.00	\$215,000.00	Please see Q19-06-037-3 WCTV WVUP Tallahassee combined antenna install	\$0.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$7,400.00	Hodge Invoice 19G000300.1	\$7,400.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$430,000.00	State and local taxes	\$0.00	N/A
Structural Load Study	<b>\$8,500.00</b>	\$8,500.00	see Estimated Cost Justification WCTV-450- Structural Analysis Existing Auxiliary Tower v0	\$8,500.00	N/A
<b>Sub-total</b>	\$1,350,300.00	\$1,148,051.00	N/A	\$259,076.00	N/A
<b>Total for all systems</b>	\$5,771,159.86	\$5,277,259.02	N/A	\$2,416,774.56	N/A

## Components

Actual Information	
Description	File Name
Tall Tower (greater than 500')	

	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> 25% Tower Equipment and Rigging \$81,325.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> N/A N/A </div> </div>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> WCTV-410-Tower Mapping- \$5,250.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> WCTV-410-Tower Mapping \$5,250.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Please deny this invoice N/A </div> </div>
Major tower reinforcement /modifications	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> POLE SOCKET / Guide Flange WCTV - ADDED PER CHANGE ORDER \$125,151.00 </div> </div>
Structural Load Study	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Engineering Evaluation \$7,875.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Engineering Evaluation \$5,225.00 </div> </div>



	<b>Component Description:</b> <b>Amount:</b>	Engineer Evaluation \$7,875.00
	<b>Component Description:</b> <b>Amount:</b>	Engineering Evaluation, Appurtence Mapping, Corrosion Risk Analysis \$5,225.00
	<b>Component Description:</b> <b>Amount:</b>	Please deny this invoice N/A
Tall Tower (greater than 500')	Information not provided.	
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<b>Component Description:</b> <b>Amount:</b>	Engineering Evaluation \$3,700.00
	<b>Component Description:</b> <b>Amount:</b>	WCTV-450-Tower Mapping \$3,700.00
Major tower reinforcement /modifications	Information not provided.	
Structural Load Study	<b>Component Description:</b> <b>Amount:</b>	WCTV-450- Structural Analysis Existing Auxiliary Tower \$4,250.00

**Component Description:**

50% deposit -  
Engineering  
Evaluation,  
Appurtenance  
Mapping &  
Corrosion Risk  
Analysis

**Amount:**

\$4,250.00

## 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
<b>Outside Professional Services</b>	<b>\$123,114.00</b>	<b>\$168,976.25</b>		<b>\$151,351.25</b>	
Attorney Fees - Other Matters	<i>\$1,489.00</i>	\$1,489.00	see Estimated Cost Justification WCTV-550-Attorney - Other Matters v1 (1)	\$1,489.00	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	N/A	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	\$775.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$650.00	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 engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,525.00	N/A
Perform engineering study for new channel assignment	\$7,360.00	\$7,000.00	N/A	\$5,675.00	N/A

and antenna  
development

Project management of the transition	\$94,010.00	\$141,237.25	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$141,237.25	Please see submitted invoices.
<b>Sub-total</b>	\$123,114.00	\$168,976.25	N/A	\$151,351.25	N/A
<b>Total for all systems</b>	\$5,771,159.86	\$5,277,259.02	N/A	\$2,416,774.56	N/A

## Components

Actual Information Description	File Name
Attorney Fees - Other Matters	<p><b>Component Description:</b> Total Professional Services</p> <p><b>Amount:</b> \$370.00</p> <p><b>Component Description:</b> For Professional Services Rendered</p> <p><b>Amount:</b> \$740.00</p> <p><b>Component Description:</b> Legal Services</p> <p><b>Amount:</b> \$379.00</p>
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	Information not provided.

(main), Construction Permit Application		
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	<b>Component Description:</b>  <b>Amount:</b>	WCTV-530-RF Eng 2100 license to cover (aux) \$775.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	<b>Component Description:</b>  <b>Amount:</b>	Develop final configuration for main antenna \$650.00
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b> <b>Amount:</b>	CP Application \$1,525.00
Perform engineering study for new channel assignment and antenna development	<b>Component Description:</b>  <b>Amount:</b>   <b>Component Description:</b>  <b>Amount:</b>   <b>Component Description:</b>  <b>Amount:</b>	Review of interim on repack Ch-20 with side-mount antenna and as-built transmitter \$525.00  Consulting Engineer \$525.00  WCTV-530-RF Eng Channel Study \$1,200.00

	<b>Component Description:</b>	Consulting Engineer Regarding repack CH-20 main antenna/line configuration
	<b>Amount:</b>	\$575.00
	<b>Component Description:</b>	Review system gain-loss and corresponding TPO required for repack Ch-20 main antenna, various discussions.
	<b>Amount:</b>	\$650.00
	<b>Component Description:</b>	Conduct channel study
	<b>Amount:</b>	\$187.50
	<b>Component Description:</b>	Perform engineering study for new channel assignment
	<b>Amount:</b>	\$1,300.00
	<b>Component Description:</b>	Develop technical parameters for planned auxiliary antenna
	<b>Amount:</b>	\$900.00
Project management of the transition	<b>Component Description:</b>	Transition Related Project Management Costs
	<b>Amount:</b>	\$1,950.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,781.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,254.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$7,653.90

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$11,188.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$17,332.25

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,460.90

<b>Component Description:</b>	Project Management,
<b>Amount:</b>	\$6,520.90

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,921.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,348.65



<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,814.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,944.80

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,922.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,671.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,890.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,190.95

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$2,435.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,772.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,124.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,500.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$802.25

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,323.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,541.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,773.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,473.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,834.80

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,941.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,078.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,690.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,706.25

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,551.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,831.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,418.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,573.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,641.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$28.20

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$2,516.90

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$801.45

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,328.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$733.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,964.40

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## 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
<b>Other Expenses</b>	<b>\$67,209.83</b>	<b>\$59,204.83</b>		<b>\$7,343.55</b>	
Equipment Storage	<i>\$12,000.00</i>	\$12,000.00	N/A	N/A	N/A
FCC Filing Fees- Auxiliary Antenna Construction Permit	<i>\$1,110.00</i>	\$1,110.00	Please see WCTV Auxiliary Antenna Construction Permit FCC Filing Fees Budget Justification Letter	N/A	N/A
Tree Removal	<i>\$3,000.00</i>	\$3,000.00	N/A	N/A	N/A
Site Security	<i>\$12,000.00</i>	\$12,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	Please see Estimated Cost Justification WCTV-610-MVPD Notifications v0	\$2,000.00	N/A
Develop and air announcement of upcoming channel change	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$14,000.00</i>	\$14,000.00	N/A	\$3,013.72	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$1,019.83</b>	\$1,019.83	Please See Estimated Cost Justification WCTV-610- Disposal Costs v2	\$1,019.83	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$1,310.00	per Estimated Cost Justification WCTV-610- STA FCC Filing Fees v1	\$1,310.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,440.00	N/A	N/A	N/A
<b>Sub-total</b>	\$67,209.83	\$59,204.83	N/A	\$7,343.55	N/A
<b>Total for all systems</b>	\$5,771,159.86	\$5,277,259.02	N/A	\$2,416,774.56	N/A

## Components

Actual Information	
Description	File Name
Equipment Storage	Information not provided.
FCC Filing Fees- Auxiliary Antenna Construction Permit	Information not provided.
Tree Removal	Information not provided.
Site Security	Information not provided.
MVPD Notification of Channel Change	<p><b>Component Description:</b> Total Professional Services</p> <p><b>Amount:</b> \$2,000.00</p>

Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Delivery and Handling Charges	<b>Component Description:</b> <b>Amount:</b>	Freight and driver \$1,360.87
	<b>Component Description:</b> <b>Amount:</b>	Scissor Lift 19' Electric \$646.10
	<b>Component Description:</b> <b>Amount:</b>	Scissor Lift 19' Electric-Rental \$1,006.75
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>Component Description:</b> <b>Amount:</b>	Rent - O Hauls \$117.00
	<b>Component Description:</b> <b>Amount:</b>	setup fee - county \$158.36
	<b>Component Description:</b> <b>Amount:</b>	Const. and Demolitio \$198.97
	<b>Component Description:</b> <b>Amount:</b>	Rent - O Hauls \$117.00
	<b>Component Description:</b> <b>Amount:</b>	Const. and Demolitio \$210.22
	<b>Component Description:</b> <b>Amount:</b>	Const. and Demolitio \$218.28

FCC Filing Fees - Special Temporary Authorization request	<div> <b>Component Description:</b> WCTV-610-STA  FCC Filing Fees </div> <div> <b>Amount:</b> \$200.00 </div>
	<div> <b>Component Description:</b> WCTV-610-STA  FCC Filing Fees- </div> <div> <b>Amount:</b> \$1,110.00 </div>
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
DTV Medical Facility Notification	Information not provided.



<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$5,771,159.86	\$5,277,259.02
			\$2,416,774.56

<b>Reimbursement Status</b>	<b>Question</b>	<b>Response</b>
	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"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> <li>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</li> </ol>	

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 above-named applicant for the Authorization(s) specified above.

**Robert  
Folliard , III**  
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*Assistant  
Secretary*

08/18/2020



Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR 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"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>4. The above-named entity acknowledges the submission of the information herein</li> </ol>	

creates no obligation on the part of the government to pay any amount.

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

<p>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><b>Robert Folliard , III</b> . <i>Assistant Secretary</i></p> <p>08/18/2020</p>

## Attachments