



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **51597** | Service: **DTV** | Call **WTVQ-DT** | Channel: **27 (UHF)** |
ID: | Sign:
File **0000028251**
Number:
FRN: **0018327387** | Date **12/30**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WTVQ-TV, LLC Doing Business As: WTVQ-TV, LLC	Bobby Berry 301 Poplar Street Macon, GA 31201 United States	+1 (478) 745-4141	bberry@morrisnetwork.com	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
Anne Goodwin Crump <i>communications counsel</i> <i>Fletcher, Heald & Hildreth, P.</i> <i>L.C.</i>	Anne Goodwin Crump 1300 N. 17th Street Eleventh Floor Arlington, VA 22209 United States	+1 (703) 812-0426	crump@fhhlaw.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	WTVQ-DT plans to replace its existing transmitters to accomodate its new channel. The antenna and line is provided by WLEX-TV under a contract.

Transmitters

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

**Auxiliary
Transmitter****Add Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	use as backup for main when main transmitter is down for repairs or maintance
	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	Diamondcd DHD8P1
	Year	2001
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1.8 kW

**Auxiliary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	UAXTE-4R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	2 kW
	Justification for New Transmitter	OLD TRANSMITTER WILL NOT TUNE TO NEW CHANNEL

**Auxiliary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	75.0 feet
	Other Electrical Service	No
	Description	N/A
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

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

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	sigmacd cd3200p2
	Year	2004
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	42 kW

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE-40
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	25 kW
	Justification for New Transmitter	WTVQ must go to V-POL because of contract with WLEX. WLEX upgrading to V-POL antenna, under contract WLEX provides antenna for both stations. Further, please see Attachment as to why change to solid state is simple replacement, not upgrade.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	200.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	10 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

**Primary
Transmitter**

Other Transmitter Cost Not Listed

Name	Description
tv dmod and monitor	TV Tuner ATSC-SDI-4i HD for testing of new transmitter signal

site survey	Site survey By Gates/Air to provide electrical drawings and floor plan of transmitter site
Rigid line and componentss	6-1/8 rigid line and components to connect transmitter to combiner

Antennas

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

**Auxiliary
Antenna****Add Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	back up antenna use when main system is down for maintance and repairs, will also be used for interim
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	No
	Is this antenna directional?	Yes
	Is antenna in operating condition?	Yes
Existing Antenna Manufacturer and Type	Is antenna located on or in close proximity to an antenna farm?	No
	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)	84.0 kW
Manufacturer	
Model	TLP-16D
Year	2001

Auxiliary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	backup antenna will be used when main is down for maintance and repairs.will also be used as a inter
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	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	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	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)	84.0 kW
Manufacturer	
Model	SWEDM16NCS /27
Year	2018
Justification for New Antenna	old antenna will not tune to new channel

Auxiliary Antenna

Other Antenna Costs

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

**Auxiliary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Lease New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Owner	WLEX-TV
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	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-R 3S180DC
	Year	2004

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

Facility ID	Call Sign
73203	WLEX-TV

**Primary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Lease New
	Is this a request for upgraded equipment?	No
	Ownership	Leased
	Owner	WLEX-TV
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	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)	487.0 kW
	Manufacturer	

Model	TFU-30DSC /VP-R 3S180
Year	2018
Justification for New Antenna	Old antenna will not tune to new channel. BY contract WLEX will supply antenna at no cost to WTVQ

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	RF channel
	Frequency	N/A
	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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes

Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes
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Enter a list of RF channel numbers.

RF Channel Number
28
27

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**Add Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	Backup
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	3 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	560 feet per run

Auxiliary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Rigid line and componentss	line and components needed to connect backup transmitter to existing 3-1/8 line

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1044034
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	38° 02' 03.0" N-
	Longitude (NAD83)	084° 23' 39.0" W-
	Overall Structure Height	994.08 feet
	Support Structure Height	935.03 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1000.64 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Nexstar Broadcasting, Inc.
Date Constructed	01/01/1965

**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
73203	WLEX-TV	DTV

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:	Minor Reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary Tower	Other Tower Expenses Not Listed
	Information not provided.

**Outside
Professional Services Costs**

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	1150
	Explanation	Station is one of a group of co-owned stations, all of which are subject to repack. There is no group director of engineering, and station has only IT engineer on staff. Co-ordination is needed for the entire group's transition in different phases.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes

	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	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
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Additional legal fees	Additional legal fees for 399 forms and progress reports
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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	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	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
Building Clean out and disposal	removal of old transmitters and rf equipment and dispose of transformer oil

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
Primary Transmitter ULXTE-40	\$2,517,170.00	\$1,706,834.09		\$840,168.90	
Rigid line and componentss	<i>\$5,440.00</i>	\$5,440.00	N/A	\$5,438.70	N/A
site survey	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
tv dmod and monitor	<i>\$2,480.00</i>	\$2,480.00	N/A	\$0.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$10,400.00	\$0.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$57,500.00	this is all electrical for both main and backup transmitters and includes conduit, panels, wiring, transformers and labor all other line estimates have been changed to 0 dollars	\$57,500.00	this invoice is for 50% all electrical work for both main and backup transmitters includes all conduit, panels, wiring and labor
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$0.00	N/A	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$842,179.89	N/A	\$222,939.18	N/A
10 Ton system	\$38,900.00	\$37,000.00	N/A	\$14,996.00	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$762,234.20	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$539,295.02	N/A
Auxiliary Transmitter UAXTE-4R37	\$155,450.00	\$121,082.48		\$100,735.82	
3" Rigid Conduit and Wiring (Cost per foot)	\$3,900.00	\$1,510.82	N/A	\$1,510.82	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$119,571.66	N/A	\$99,225.00	shipping and state tax added making cost over estimate
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$0.00	N/A	N/A	N/A
Sub-total	\$2,672,620.00	\$1,827,916.57	N/A	\$940,904.72	N/A
Total for all systems	\$3,931,175.00	\$2,577,561.57	N/A	\$1,218,155.12	N/A

Components

Actual Information
Description

File Name

Rigid line and components	<p>Component Description: 6-1/8 line sections used to connect filter to existing antenna line</p> <p>Amount: \$5,438.70</p>
site survey	Information not provided.
tv dmod and monitor	<p>Component Description: TV dmod for testing of new transmitter</p> <p>Amount: \$2,479.19</p>
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 150 KVA	<p>Component Description: AMTECK Invoice is 50% down payment for all electrical work on both main and backup transmitters</p> <p>Amount: \$28,750.00</p> <p>Component Description: Amteck Final invoice for all electrical work</p> <p>Amount: \$28,750.00</p>
Service entrance 3 phase /800 amp/208 volt	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<p>Component Description: 3rd payment on main transmitter</p> <p>Amount: \$222,939.18</p>

10 Ton system	<div> <div>Component Description:</div> <div>10 TON HVAC System installed</div> <div>Amount:</div> <div>\$14,996.00</div> </div>
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	<div> <div>Component Description:</div> <div>2nd payment due to ship transmitter</div> <div>Amount:</div> <div>\$258,568.39</div> </div> <div> <div>Component Description:</div> <div>3rd transmitter payment only, freight , installation and proof not charged for at this time</div> <div>Amount:</div> <div>\$222,939.18</div> </div> <div> <div>Component Description:</div> <div>WTVQ Transmitter Justification Letters</div> <div>Amount:</div> <div>N/A</div> </div> <div> <div>Component Description:</div> <div>1/3 down payment for Main tx</div> <div>Amount:</div> <div>\$280,726.63</div> </div> <div> <div>Component Description:</div> <div>WTVQ Main tx Quote # 62143</div> <div>Amount:</div> <div>N/A</div> </div> <div> <div>Component Description:</div> <div>WLEX tower lease for Justification information</div> <div>Amount:</div> <div>N/A</div> </div>

3" Rigid Conduit and Wiring (Cost per foot)	<div> Component Description: <div>total cost of electrical minus \$38850.0 of transmitter 1/3 down payment invoice</div> </div> <div> Amount: <div>\$1,510.82</div> </div>
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	<div> Component Description: <div>2nd payment due to ship bku transmitter</div> </div> <div> Amount: <div>\$35,348.41</div> </div>
	<div> Component Description: <div>WTVQ Quote # 62144</div> </div> <div> Amount: <div>N/A</div> </div>
	<div> Component Description: <div>1/3 down payment on backup tx minus \$1510.82 for Electrical</div> </div> <div> Amount: <div>\$38,850.01</div> </div>
	<div> Component Description: <div>WTVQ 3rd Back up transmitter payment</div> </div> <div> Amount: <div>\$25,026.58</div> </div>
Transformer 3 phase/480v - 150 KVA	Information not provided.

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	\$323,190.00	\$91,400.00		\$0.00	
Antenna TFU-30DSC/VP-R 3S180					
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	\$227,000.00	\$0.00	N/A	N/A	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Auxiliary	\$124,540.00	\$91,400.00		\$47,947.95	
Antenna SWEDM16NCS /27					

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	\$89,400.00	\$85,000.00	N/A	\$47,947.95	N/A
Sub-total	\$447,730.00	\$182,800.00	N/A	\$47,947.95	N/A
Total for all systems	\$3,931,175.00	\$2,577,561.57	N/A	\$1,218,155.12	N/A

Components

Actual Information	
Description	File Name
New combiner, cost per channel (without antenna)	Information not provided.
Sweep test of existing antenna	Information not provided.

UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Sweep test of existing antenna	Information not provided.
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	<div> <div> Component Description: </div> <div> WTVQ AUX/ Backup antenna and side mounts WITH JUSTIFICATION </div> </div> <div> <div> Amount: </div> <div> \$47,947.95 </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
Auxiliary Transmission Line	\$9,000.00	\$9,000.00		\$0.00	
Rigid line and componentss	<i>\$9,000.00</i>	\$9,000.00	N/A	\$0.00	N/A
Sub-total	\$9,000.00	\$9,000.00	N/A	\$0.00	N/A
Total for all systems	\$3,931,175.00	\$2,577,561.57	N/A	\$1,218,155.12	N/A

Components

Actual Information Description	File Name
Rigid line and componentss	<div>Component Description: invoice with justification added</div> <div>Amount: \$5,438.70</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 TOWER	\$394,800.00	\$175,000.00		\$104,697.00	
Tall Tower (greater than 500')	\$210,500.00	\$0.00	N/A	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$98,197.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	\$6,500.00	N/A
Sub-total	\$394,800.00	\$175,000.00	N/A	\$104,697.00	N/A
Total for all systems	\$3,931,175.00	\$2,577,561.57	N/A	\$1,218,155.12	N/A

Components

Actual Information Description	File Name
Tall Tower (greater than 500')	Information not provided.

Minor tower reinforcement /modifications	<table> <tr> <td data-bbox="719 179 1026 208">Component Description:</td><td data-bbox="1161 179 1377 244">completion of tower work invoice</td></tr> <tr> <td data-bbox="719 259 828 288">Amount:</td><td data-bbox="1161 259 1294 288">\$20,740.80</td></tr> <tr> <td data-bbox="719 398 1026 427">Component Description:</td><td data-bbox="1161 398 1356 463">Progress invoice for tower work</td></tr> <tr> <td data-bbox="719 479 828 508">Amount:</td><td data-bbox="1161 479 1294 508">\$31,111.20</td></tr> <tr> <td data-bbox="719 618 1026 647">Component Description:</td><td data-bbox="1161 618 1366 683">CTC PROPOSAL # 10181701T</td></tr> <tr> <td data-bbox="719 698 828 728">Amount:</td><td data-bbox="1161 698 1206 728">N/A</td></tr> <tr> <td data-bbox="719 837 1026 866">Component Description:</td><td data-bbox="1161 837 1369 902">FINAL PAYMENT CTC TOWER</td></tr> <tr> <td data-bbox="719 918 828 947">Amount:</td><td data-bbox="1161 918 1294 947">\$18,345.00</td></tr> <tr> <td data-bbox="719 1057 1026 1086">Component Description:</td><td data-bbox="1161 1057 1369 1167">deposit for antennas removal and installation</td></tr> <tr> <td data-bbox="719 1182 828 1211">Amount:</td><td data-bbox="1161 1182 1294 1211">\$28,000.00</td></tr> </table>	Component Description:	completion of tower work invoice	Amount:	\$20,740.80	Component Description:	Progress invoice for tower work	Amount:	\$31,111.20	Component Description:	CTC PROPOSAL # 10181701T	Amount:	N/A	Component Description:	FINAL PAYMENT CTC TOWER	Amount:	\$18,345.00	Component Description:	deposit for antennas removal and installation	Amount:	\$28,000.00
Component Description:	completion of tower work invoice																				
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Component Description:	deposit for antennas removal and installation																				
Amount:	\$28,000.00																				
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<table> <tr> <td data-bbox="719 1344 1026 1373">Component Description:</td><td data-bbox="1161 1344 1342 1373">4SE W9 FORM</td></tr> <tr> <td data-bbox="719 1388 828 1417">Amount:</td><td data-bbox="1161 1388 1206 1417">N/A</td></tr> <tr> <td data-bbox="719 1527 1026 1556">Component Description:</td><td data-bbox="1161 1527 1310 1637">4SE QUOTE TOWER ANALYSIS</td></tr> <tr> <td data-bbox="719 1653 828 1682">Amount:</td><td data-bbox="1161 1653 1206 1682">N/A</td></tr> <tr> <td data-bbox="719 1789 1026 1818">Component Description:</td><td data-bbox="1161 1789 1315 1899">4SE TOWER ANALYSIS INVOICE</td></tr> <tr> <td data-bbox="719 1915 828 1944">Amount:</td><td data-bbox="1161 1915 1278 1944">\$6,500.00</td></tr> </table>	Component Description:	4SE W9 FORM	Amount:	N/A	Component Description:	4SE QUOTE TOWER ANALYSIS	Amount:	N/A	Component Description:	4SE TOWER ANALYSIS INVOICE	Amount:	\$6,500.00								
Component Description:	4SE W9 FORM																				
Amount:	N/A																				
Component Description:	4SE QUOTE TOWER ANALYSIS																				
Amount:	N/A																				
Component Description:	4SE TOWER ANALYSIS INVOICE																				
Amount:	\$6,500.00																				

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 Co Justificati
Outside Professional Services	\$326,160.00	\$310,750.00		\$90,620.45	
Additional legal fees	<i>\$8,500.00</i>	\$8,500.00	N/A	\$112.50	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$3,487.50	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,462.50	N/A

Prepare request for Special Temporary Authorization	\$2,050.00	\$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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A

Prepare and or review reimbursement form	\$2,630.00	\$3,500.00	The process of completing the form and ensuring exact recording of information is time consuming in a way for which the predetermined estimate is inadequate.	\$2,992.50	N/A
Project management of the transition	\$181,700.00	\$172,500.00	N/A	\$82,565.45	N/A
Sub-total	\$326,160.00	\$310,750.00	N/A	\$90,620.45	N/A
Total for all systems	\$3,931,175.00	\$2,577,561.57	N/A	\$1,218,155.12	N/A

Components

Actual Information	
Description	File Name
Additional legal fees	<p>Component Description: Assist with required progress report</p> <p>Amount: \$112.50</p>
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.

<p>Attorney Fees - Prepare and File request for Special Temporary Authorization</p>	<table> <tr> <td data-bbox="697 100 1114 582"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 100 1428 582"> <p>Legal fees for completing and filing then modifying and reformatting request for transition phase change per request from FCC staff</p> <p>\$1,237.50</p> </td></tr> <tr> <td data-bbox="697 582 1114 896"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 582 1428 896"> <p>Legal fees for work on STA request for change in transition phase for WTVQ-DT</p> <p>\$1,912.50</p> </td></tr> <tr> <td data-bbox="697 896 1114 1344"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1114 896 1428 1344"> <p>Legal fees for teleconfs. with FCC staff and station sharing antenna concerning STA request and advice to client regarding same</p> <p>\$337.50</p> </td></tr> </table>	<p>Component Description:</p> <p>Amount:</p>	<p>Legal fees for completing and filing then modifying and reformatting request for transition phase change per request from FCC staff</p> <p>\$1,237.50</p>	<p>Component Description:</p> <p>Amount:</p>	<p>Legal fees for work on STA request for change in transition phase for WTVQ-DT</p> <p>\$1,912.50</p>	<p>Component Description:</p> <p>Amount:</p>	<p>Legal fees for teleconfs. with FCC staff and station sharing antenna concerning STA request and advice to client regarding same</p> <p>\$337.50</p>
<p>Component Description:</p> <p>Amount:</p>	<p>Legal fees for completing and filing then modifying and reformatting request for transition phase change per request from FCC staff</p> <p>\$1,237.50</p>						
<p>Component Description:</p> <p>Amount:</p>	<p>Legal fees for work on STA request for change in transition phase for WTVQ-DT</p> <p>\$1,912.50</p>						
<p>Component Description:</p> <p>Amount:</p>	<p>Legal fees for teleconfs. with FCC staff and station sharing antenna concerning STA request and advice to client regarding same</p> <p>\$337.50</p>						
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>						

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:	Legal fees in connection with the preparation and filing of Form 2100 construction permit application
	Amount:	\$562.50
	Component Description:	Legal fees for advice concerning preparation and filing of Form 2100 application for construction permit
	Amount:	\$112.50
	Component Description:	Legal fees in connection with preparation of Form 2100 application for construction permit
	Amount:	\$787.50
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Prepare and or review
reimbursement form

Component Description:	Provide legal advice and assistance in connection with reimbursement requests
Amount:	\$450.00

Component Description:	Provide legal advice and counsel in connection with reimbursement requests
Amount:	\$112.50

Component Description:	Provided legal advice and counsel in connection with reimbursement
Amount:	\$225.00

Component Description:	Legal advice and assistance with reimbursement request
Amount:	\$337.50

Component Description:	Provide legal advice and assistance with reimbursement request
Amount:	\$225.00

Component Description:	Provide legal advice and counsel in connection with reimbursement issues
Amount:	\$112.50

	Component Description:	Legal fees in connection with preparation and filing of Schedule 399
	Amount:	\$540.00
	Component Description:	Legal fees in connection with preparation and filing of information necessary to enable reimbursement
	Amount:	\$202.50
	Component Description:	Legal fees for advice concerning reimbursement process and forms
	Amount:	\$112.50
	Component Description:	Legal fees in connection with the preparation and filing of Form 1876 and Schedule 399
	Amount:	\$337.50
	Component Description:	Legal advice in connection with reimbursement
	Amount:	\$337.50
Project management of the transition	Component Description:	FEB 2018 INVOICE FOR PROJECT MANAGEMENT
	Amount:	\$2,850.00

Component Description:	PROJECT MANAGEMENT INVOICE
Amount:	\$2,025.00

Component Description:	PROJECT MANAGEMENT HOURS APRIL 2017
Amount:	\$2,625.00

Component Description:	June 2019 Project Management invoice
Amount:	\$2,325.00

Component Description:	March 2019 invoice for project Management
Amount:	\$1,650.00

Component Description:	CSS July 2019 project Management invoice
Amount:	\$2,137.50

Component Description:	WTVQ Aug. 2019 project management invoice 19-0806
Amount:	\$16,790.10

Component Description:	CSS April 2019 invoice A19-0406
Amount:	\$7,206.35

Component Description:	WTVQ Sept. 2019 project management invoice 19-0906
Amount:	\$22,767.00

Component Description:	SEPT. 2017 PROJECT MANAGEMENT INVOICE
Amount:	\$405.00

Component Description:	Dec. 2018 CSS invoice
Amount:	\$450.00

Component Description:	AUG. 2017 PROJECT MANAGEMENT INVOICE
Amount:	\$837.00

Component Description:	APRIL 2018 PROJECT MANAGEMENT INVOICE
Amount:	\$787.50

Component Description:	PROJECT MANAGEMENT INVOICE
Amount:	\$1,575.00

Component Description:	PROJECT MANAGEMENT HOURS MAY 2017
Amount:	\$1,548.00

Component Description:	JULY 2017 PROJECT MANAGEMENT INVOICE
Amount:	\$1,870.50

Component Description:	Nov. 2018 CSS invoice
Amount:	\$225.00

Component Description:	PROJECT MANAGEMENT INVOICE
Amount:	\$712.50

Component Description:	CSS JAN, 2018 INVOICE FOR PROJECT MANAGEMENT HOURS
Amount:	\$1,800.00

Component Description:	CSS INVOICE OCT. 2018
Amount:	\$562.50

Component Description:	May 2019 Project Management invoice 19-0506
Amount:	\$1,987.50

Component Description:	CSS OCT. 2017 INVOICE FOR PROJECT MANAGEMENT HOURS
Amount:	\$2,925.00

Component Description:	PROJECT MANAGEMENT HOURS JUNE 2017
Amount:	\$2,341.50

Component Description:	Jan. 2019 CSS invoice 19-0106
Amount:	\$562.50

Component Description:	PROJECT MANAGEMENT INVOICE
Amount:	\$825.00

Component Description:	MARCH 2018 PROJECT MANAGEMENT INVOICE
Amount:	\$862.50

Component Description:	Feb. 2019 CSS invoice 19-0206
Amount:	\$1,912.50

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	\$80,865.00	\$72,095.00		\$33,985.00	
Building Clean out and disposal	<i>\$30,000.00</i>	\$30,000.00	N/A	\$29,550.00	N/A
MVPD Notification of Channel Change	<i>\$1,375.00</i>	\$1,375.00	N/A	\$1,375.00	N/A
Develop and air announcement of upcoming channel change	<i>\$300.00</i>	\$300.00	N/A	\$225.00	N/A
Equipment Delivery and Handling Charges	<i>\$20,000.00</i>	\$20,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$500.00</i>	\$500.00	N/A	N/A	N/A
Local Zoning	<i>\$500.00</i>	\$500.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	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 - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,835.00	N/A	\$2,835.00	N/A
Equipment Storage	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Sub-total	\$80,865.00	\$72,095.00	N/A	\$33,985.00	N/A
Total for all systems	\$3,931,175.00	\$2,577,561.57	N/A	\$1,218,155.12	N/A

Components

Actual Information	
Description	File Name
Building Clean out and disposal	<p>Component Description: Clean out of building and removal of transformer oil</p> <p>Amount: \$29,550.00</p>
MVPD Notification of Channel Change	<p>Component Description: MVPD notification invoice</p> <p>Amount: \$1,375.00</p>

Develop and air announcement of upcoming channel change	<p>Component Description:</p> <p>Provide legal advice and assistance in connection with required notices to consumers</p> <p>Amount:</p> <p>\$225.00</p>
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
DTV Medical Facility Notification	<p>Component Description:</p> <p>Medical notification invoice</p> <p>Amount:</p> <p>\$2,835.00</p>
Equipment Storage	Information not provided.

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$3,931,175.00	\$2,577,561.57
			\$1,218,155.12

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

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>Bobby Berry <i>Chief Operating Officer</i></p> <p>12/30/2019</p>

Attachments