



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **46755** | Service: **DTV** | Call **WCFE-TV** | Channel: **36 (UHF)** |  
ID:  
File **0000028411**  
Number:  
FRN: **0003459989** | Date **10/12**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>MOUNTAIN LAKE PUBLIC TELECOMMUNICATIONS COUNCIL</b>	1 SESAME STREET PLATTSBURGH, NY 12901 United States	+1 (518) 563- 9770	TROGERS@MLPBS. ORG	Private Not- for-Profit Educational Institution

## 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
The Preparer is same as the reimbursement contact.			

## Broadcaster Information and Transition Plan

Question	Response
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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	Purchase and install Interim transmitter. Use existing main antenna prior to transition. Prepare building for new transmitter. Install new tx in new building. Replace aux antenna. Replace remote control.

## 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	Ultimate
	Year	2004
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	8 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?	No
	Manufacturer	
	Model	MPTV-PRLX-U3
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	5.4 kW
	Justification for New Transmitter	Existing transmitter and exciters are end of life on December 31, 2019 and no longer supported. Manufacturer does not recommend transmitter retuning due to lack of parts availability.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No

	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Purchase and contracted installation of 480V Delta to 480 /Wye power conditioning /transient /lightning /surge protection and associated panel breakers, hardware, wiring, misc.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	Other
	Other Size	3 tons
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	300.0 square feet
<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
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Primary  
Transmitter

Other Transmitter Cost Not Listed

Name	Description
Transportation of personnel	Trail to site is passable by tracked off road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time.
RF connections to main antenna	Field cut sections of 3 1/8 RF line less than 20 ft. Elbows, fine tuning section.
Delivery of transmitter	Delivery to be made via trail.

**Interim  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	EC702HPBB2
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	2.2 kW
	Justification for New Transmitter	Lower power transmitter needed to meet repack deadline. Building under repairs due to ice damage. Building addition for FP transmitter heat exchanger nearly destroyed under repair. Delays in shipping replacement full power transmitter.

**Interim  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	15KVA single phase 480 to 240VAC transformer, wiring, disconnection devices.
<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?	No

**Interim  
Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
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<b>RF connections to main ant</b>	4 1/16 flange adapter to 1 5/8 flange adapter. 20 ft 1 5/8 flex cable with connectors.
<b>Transmitter storage and delivery</b>	Receive, store, deliver to site and place equipment in building.

**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	Retune Existing
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	3
	Design power capacity in use	28.0 %
	Lower Limit	614.00 MHz

Upper Limit	734.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power) .....	55.0 kW
Manufacturer	ERI Inc.
Model	ETU-P3L5-38/57
Year	2007

**Primary  
Antenna**

**Adjustment to Existing Antenna**

Section	Question	Response
<b>Sweep Test of Existing Antenna</b>	Do you need a sweep test of existing antenna?	Yes

**Primary  
Antenna**

**Other Antenna Costs**

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Name	Description
<b>Transportation of personnel</b>	Trail to site is impassable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time.



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

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Backup antenna
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
<b>Existing Antenna Manufacturer and Type</b>	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)	15.53 kW

Manufacturer	
Model	ALP8L5- HSW-38
Year	2007

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## Auxiliary Antenna

### New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Auxiliary backup
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna 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) .....	28.0 kW
	Manufacturer	

Model	ALP8M5-HSWR-36
Year	2020
Justification for New Antenna	Existing antenna is not retunable. Provides backup antenna during maintenance and/or failure of main antenna and /or transmission line. ERP is estimated and to be determined. Antenna to be installed after transition of main antenna to repack channel.

## Auxiliary 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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power 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?	No

## Auxiliary Antenna

### Other Antenna Cost Not Listed

Name	Description
<b>Delivery of aux antenna</b>	Trail to site is passable. Delivery to be made by heavy construction vehicle.
<b>Transportation of personnel</b>	Trail to site is passable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time.

**Transmission Line**

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	No

**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	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1003308
Coordinates ( NAD83 (North American Datum of 1983))	Latitude (NAD83)	44° 41' 43.0" N-
	Longitude (NAD83)	073° 52' 59.0" W-
	Overall Structure Height	445.86 feet
	Support Structure Height	399.93 feet

	Ground Elevation Above Mean Sea Level (AMSL)	3649.89 feet
	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	Mountain Lake Public Telecommunications Council
	Date Constructed	09/01/1976

**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
Remove and replace Aux antenna	Remove and replace auxiliary side mount antenna.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	200
	Explanation	The station operates with minimal staff and does not have the personnel available for this task.
<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	Yes
	Quantity	1
	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	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
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

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

If wireless is not provided.

## 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	No
	FCC Special Temporary Authority Application	No
<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
Remote control	Existing analog remote control used for unattended operations does not support new transmitter.
Site Survey	Quotation from from Hitachi - Comark P2623R3 WCFE Site Design Proposal Option 2

## 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 EC702HPBB2</b>	<b>\$135,065.00</b>	<b>\$61,600.00</b>		<b>\$57,146.98</b>	
Transmitter storage and delivery	<i>\$3,221.00</i>	\$3,221.00	Receive, store, transport to site and setup transmitter in building. Contractor is presently on site performing building repairs.	\$3,221.00	N/A
RF connections to main ant	<i>\$2,844.00</i>	\$2,844.00	N/A	\$1,390.98	N/A
Other Electrical Service: 15KVA single phase 480 to 240VAC transformer, wiring, disconnection devices.	<i>\$3,000.00</i>	\$3,000.00	Necessary electrical distribution modifications to building.	\$0.00	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$52,535.00	N/A	\$52,535.00	N/A
<b>Primary Transmitter MPTV-PRLX-U3</b>	<b>\$351,597.00</b>	<b>\$338,097.00</b>		<b>\$284,829.45</b>	



Delivery of transmitter	<b>\$12,987.00</b>	\$12,987.00	Temporary storage, delivery to and placement of equipment at transmitter site via heavy equipment on trail. QUOTE WCFE Room-HVAC-Delivery-Electrical-Removal.pdf Line item: New equipment rigging	\$12,987.00	N/A
RF connections to main antenna	<b>\$6,500.00</b>	\$6,500.00	Necessary Field cut sections of 3 1/8 RF line less than 20 ft. Elbows, 3 1/8 4 1/16 adapter.\, fine tuning section for connection to main antenna transmission line in building	\$0.00	N/A
Transportation of personnel	<b>\$25,000.00</b>	\$25,000.00	Trail to site is impassable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time.	\$0.00	N/A

Other -- Building Addition Size: 300.0	<b>\$12,634.00</b>	\$12,634.00	Environmentally controlled room to house new transmitter components. Discussed previously as a room within a room. Quote WCFE Room- HVAC-Delivery- Electrical- Removal.pdf Line item: Room Construction	\$12,634.00	N/A
Other -- HVAC Service Type: C Size: 3 (Other)	<b>\$7,225.00</b>	\$7,225.00	HVAC for transmitter room. Quote WCFE Room- HVAC-Delivery- Electrical- Removal.pdf Line Item: HVAC Split System	\$7,225.00	N/A
Other Electrical Service: Purchase and contracted installation of 480V Delta to 480/Wye power conditioning /transient /lightning /surge protection and associated panel breakers, hardware, wiring, misc.	<b>\$13,751.00</b>	\$13,751.00	Present Plant electrical service does not have the capacity or voltage requirements for transmitter and associated equipment. QUOTE WCFE Room-HVAC- Delivery- Electrical- Removal.PDF Line Item: Electrical	\$13,751.00	N/A

UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$260,000.00	N/A	\$238,232.45	N/A
<b>Sub-total</b>	\$486,662.00	\$399,697.00	N/A	\$341,976.43	N/A
<b>Total for all systems</b>	\$855,549.00	\$670,579.00	N/A	\$574,187.89	N/A

## Components

Actual Information		
Description	File Name	
Transmitter storage and delivery	<b>Component Description:</b> <b>Amount:</b>	Storage and delivery \$3,221.00
RF connections to main ant	<b>Component Description:</b> <b>Amount:</b>	Paid Invoice w /shipping \$1,390.98
Other Electrical Service: 15KVA single phase 480 to 240VAC transformer, wiring, disconnection devices.	Information not provided.	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	<b>Component Description:</b> <b>Amount:</b>  <b>Component Description:</b> <b>Amount:</b>	Interim Transmitter Invoice 2 final payment \$36,774.50  Interim Transmitter Invoice 1 down payment. \$15,760.50

Delivery of transmitter	<p><b>Component Description:</b> Delivery of transmitter from storage to transmitter facility</p> <p><b>Amount:</b> \$12,987.00</p>
RF connections to main antenna	Information not provided.
Transportation of personnel	Information not provided.
Other -- Building Addition Size: 300.0	<p><b>Component Description:</b> Room construction to support new transmitter</p> <p><b>Amount:</b> \$12,634.00</p>
Other -- HVAC Service Type: C Size:3 (Other)	<p><b>Component Description:</b> HVAC to support new transmitter</p> <p><b>Amount:</b> \$7,225.00</p>
Other Electrical Service: Purchase and contracted installation of 480V Delta to 480/Wye power conditioning /transient/lightning/surge protection and associated panel breakers, hardware, wiring, misc.	<p><b>Component Description:</b> Electrical portion of the invoice per Scope of work /proposal</p> <p><b>Amount:</b> \$13,751.00</p>
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	<p><b>Component Description:</b> Second invoice 45% due before shipment.</p> <p><b>Amount:</b> \$112,846.95</p> <p><b>Component Description:</b> Deposit of 50% Due invoice 1</p> <p><b>Amount:</b> \$125,385.50</p>

## 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>Primary Antenna ETU-P3L5-38/57</b>	<b>\$14,230.00</b>	<b>\$13,900.00</b>		<b>\$0.00</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Transportation of personnel	<i>\$7,500.00</i>	\$7,500.00	Trail to site is impassable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time.	N/A	N/A
<b>Auxiliary Antenna ALP8M5-HSWR-36</b>	<b>\$37,500.00</b>	<b>\$37,500.00</b>		<b>\$24,799.17</b>	

Transportation of personnel	<b>\$7,500.00</b>	\$7,500.00	Trail to site is impassable by on road vehicles. Travel to site will be by helicopter unless safe and suitable conditions exist for use of ATV, UTV or stationed owned snowcat. Must be mutually agreed upon with the contractor at that time.	\$0.00	N/A
Delivery of aux antenna	<b>\$0.00</b>	\$0.00	Included with JFP quote for delivery of transmitter. QUOTE WCFE Room- HVAC- Delivery- Electrical- Removal. PDF Line Item: New Equipment Rigging Concurrent delivery.	N/A	N/A

UHF - High Power, Side Mount, basic slot antenna, 28 kW input, directional,, horizontally polarized	<b>\$30,000.00</b>	\$30,000.00	Provide backup antenna during maintenance and/or failure of main antenna and /or transmission line. Antenna to be installed after transition of main antenna to repack channel.	\$24,799.17	Replacement Auxiliary antenna
<b>Sub-total</b>	\$51,730.00	\$51,400.00	N/A	\$24,799.17	N/A
<b>Total for all systems</b>	\$855,549.00	\$670,579.00	N/A	\$574,187.89	N/A

## Components

Actual Information	
Description	File Name
Sweep test of existing antenna	Information not provided.
Transportation of personnel	Information not provided.
Transportation of personnel	Information not provided.
Delivery of aux antenna	Information not provided.

UHF - High Power, Side Mount, basic slot antenna, 28 kW input, directional,, horizontally polarized		
	<b>Component Description:</b>	New Auxiliary Antenna plus freight
	<b>Amount:</b>	\$13,003.30
	<b>Component Description:</b>	Remaining balance
	<b>Amount:</b>	\$11,795.87



Cost Information

Transmission Line

Information not provided.

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower GTOWER	\$104,200.00	\$20,000.00		\$114,497.00	
Remove and replace Aux antenna	<i>\$20,000.00</i>	\$20,000.00	Remove and replace auxiliary antenna.	\$114,497.00	Original cost underestimated verbally with ERI rep in 2016. Other additional cost realized for specific site insurance requirements for New York State
Short Tower (less than 500')	\$84,200.00	\$0.00	N/A	N/A	N/A
Sub-total	\$104,200.00	\$20,000.00	N/A	\$114,497.00	N/A
Total for all systems	\$855,549.00	\$670,579.00	N/A	\$574,187.89	N/A

Components

Actual Information Description	File Name
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Remove and replace Aux antenna	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Balance Due on contract  \$57,248.50 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> 50% Down payment  \$57,248.50 </div> </div>
Short Tower (less than 500')	Information not provided.

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$154,405.00</b>	<b>\$141,980.00</b>		<b>\$41,221.00</b>	
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	\$3,680.00	N/A	\$7,446.50	Severe impact of site inaccessibility, construction needs due to harsh conditions, & seasonal & COVID challenges led to more need for legal filings related to phase extensions, interim facilities, etc in order to meet deadline to vacate channel.
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 - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	\$960.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$32,814.50	Impact of site inaccessibility, construction needs due to harsh conditions, & seasonal & COVID challenges- threats to repack completion. Needed more help with legal processes & meetings with FCC reps, incl required responses to requests and concerns.
Prepare request for Special Temporary Authorization	\$2,050.00	\$2,050.00	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	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
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	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	\$2,500.00	N/A	N/A	N/A

Project management of the transition	\$31,600.00	\$25,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$154,405.00	\$141,980.00	N/A	\$41,221.00	N/A
<b>Total for all systems</b>	\$855,549.00	\$670,579.00	N/A	\$574,187.89	N/A

## Components

Actual Information	
Description	File Name
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 1098 324"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1098 100 1428 324"> <p>Legal Work on Phase Change</p> <p>\$346.00</p> </td></tr> <tr> <td data-bbox="697 324 1098 638"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1098 324 1428 638"> <p>Legal work updating tracking of grant of STA for interim facility</p> <p>\$39.00</p> </td></tr> <tr> <td data-bbox="697 638 1098 1086"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1098 638 1428 1086"> <p>Legal Expense leading to deadline; filing for phase extensions, rule waivers, STAs for consumer notice, reduced power ops,</p> <p>\$5,168.50</p> </td></tr> <tr> <td data-bbox="697 1086 1098 1377"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1098 1086 1428 1377"> <p>Work on Phase Change STA due to Mountain Trail issues</p> <p>\$1,438.50</p> </td></tr> <tr> <td data-bbox="697 1377 1098 1621"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1098 1377 1428 1621"> <p>Legal work Phase 10 deadline waiver preparation</p> <p>\$454.50</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Legal Work on Phase Change</p> <p>\$346.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Legal work updating tracking of grant of STA for interim facility</p> <p>\$39.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Legal Expense leading to deadline; filing for phase extensions, rule waivers, STAs for consumer notice, reduced power ops,</p> <p>\$5,168.50</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Work on Phase Change STA due to Mountain Trail issues</p> <p>\$1,438.50</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Legal work Phase 10 deadline waiver preparation</p> <p>\$454.50</p>
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Legal Work on Phase Change</p> <p>\$346.00</p>										
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Legal work updating tracking of grant of STA for interim facility</p> <p>\$39.00</p>										
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Legal Expense leading to deadline; filing for phase extensions, rule waivers, STAs for consumer notice, reduced power ops,</p> <p>\$5,168.50</p>										
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Work on Phase Change STA due to Mountain Trail issues</p> <p>\$1,438.50</p>										
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Legal work Phase 10 deadline waiver preparation</p> <p>\$454.50</p>										
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>										

<p>Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application</p>	<table> <tr> <td><b>Component Description:</b></td><td>Legal expense for filing for interim operations</td></tr> <tr> <td><b>Amount:</b></td><td>\$808.50</td></tr> </table>	<b>Component Description:</b>	Legal expense for filing for interim operations	<b>Amount:</b>	\$808.50
<b>Component Description:</b>	Legal expense for filing for interim operations				
<b>Amount:</b>	\$808.50				
	<table> <tr> <td><b>Component Description:</b></td><td>Legal work AUX Antenna CP</td></tr> <tr> <td><b>Amount:</b></td><td>\$151.50</td></tr> </table>	<b>Component Description:</b>	Legal work AUX Antenna CP	<b>Amount:</b>	\$151.50
<b>Component Description:</b>	Legal work AUX Antenna CP				
<b>Amount:</b>	\$151.50				
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td><b>Component Description:</b></td><td>Legal work on Phase Change, Responses to FCC requirements, site access and structural issues threatening work completion</td></tr> <tr> <td><b>Amount:</b></td><td>\$711.00</td></tr> </table>	<b>Component Description:</b>	Legal work on Phase Change, Responses to FCC requirements, site access and structural issues threatening work completion	<b>Amount:</b>	\$711.00
<b>Component Description:</b>	Legal work on Phase Change, Responses to FCC requirements, site access and structural issues threatening work completion				
<b>Amount:</b>	\$711.00				
	<table> <tr> <td><b>Component Description:</b></td><td>Legal work on changes to plan due to road conditions and building issues</td></tr> <tr> <td><b>Amount:</b></td><td>\$353.50</td></tr> </table>	<b>Component Description:</b>	Legal work on changes to plan due to road conditions and building issues	<b>Amount:</b>	\$353.50
<b>Component Description:</b>	Legal work on changes to plan due to road conditions and building issues				
<b>Amount:</b>	\$353.50				
	<table> <tr> <td><b>Component Description:</b></td><td>Legal Work on Updated Planning &amp; Progress</td></tr> <tr> <td><b>Amount:</b></td><td>\$151.50</td></tr> </table>	<b>Component Description:</b>	Legal Work on Updated Planning & Progress	<b>Amount:</b>	\$151.50
<b>Component Description:</b>	Legal Work on Updated Planning & Progress				
<b>Amount:</b>	\$151.50				
	<table> <tr> <td><b>Component Description:</b></td><td>Legal for FCC Reimbursement Questions, CP and STA analysis</td></tr> <tr> <td><b>Amount:</b></td><td>\$443.00</td></tr> </table>	<b>Component Description:</b>	Legal for FCC Reimbursement Questions, CP and STA analysis	<b>Amount:</b>	\$443.00
<b>Component Description:</b>	Legal for FCC Reimbursement Questions, CP and STA analysis				
<b>Amount:</b>	\$443.00				



<b>Component Description:</b>	Invoice- Early Legal Work on Repack
<b>Amount:</b>	\$56.00

<b>Component Description:</b>	Legal Assistance on Repack
<b>Amount:</b>	\$35.00

<b>Component Description:</b>	Early Legal Work on Repack
<b>Amount:</b>	\$151.00

<b>Component Description:</b>	Legal Expense leading to deadline; filing for extensions, rule waivers, construction delays, CP Extensions; Revising plan agreements, Mtgs with FCC, CPB, IATF, reimbursement issues
<b>Amount:</b>	\$14,027.00

<b>Component Description:</b>	Early Legal Work on Repack
<b>Amount:</b>	\$151.50

<b>Component Description:</b>	Legal Assistance on Repack
<b>Amount:</b>	\$35.00

<b>Component Description:</b>	Legal Assistance on Repack
<b>Amount:</b>	\$50.50

<b>Component Description:</b>	Legal Assistance on Repack
<b>Amount:</b>	\$35.00

<b>Component Description:</b>	Legal Assistance on Repack
<b>Amount:</b>	\$50.50

<b>Component Description:</b>	Legal Work on WCFE Repack reimbursement issue regarding FA request for T- Mobile agreement; email with K. Noyes (EY) regarding same.
<b>Amount:</b>	\$151.50

<b>Component Description:</b>	Prep 399 Revisions, response to RFAS questions, prep FCC meeting and write to FCC staff about special circumstances
<b>Amount:</b>	\$2,525.00

<b>Component Description:</b>	Legal for mtgs & correspondence with fund administrators, responses to requests for info, discussions with MLPBS staff, consulting engineer and PBS, impact of COVID-19 issues
<b>Amount:</b>	\$4,180.00

<b>Component Description:</b>	Legal Assistance on Repack
<b>Amount:</b>	\$50.50

<b>Component Description:</b>	Legal work on timing and filings for transition from Interim to Main Facility, reimbursement inquiries and responses, 399 update work
<b>Amount:</b>	\$3,547.00

<b>Component Description:</b>	Legal Assistance on Repack
<b>Amount:</b>	\$50.50

<b>Component Description:</b>	Legal/FCC assistance with impact of site inaccessibility and construction needs, and deadline issues
<b>Amount:</b>	\$1,010.00

<b>Component Description:</b>	Legal work transmitter reimbursement issue
<b>Amount:</b>	\$151.50

<b>Component Description:</b>	Early Work on Form 399
<b>Amount:</b>	\$1,347.00

	<b>Component Description:</b>  <b>Amount:</b>	Legal Work due to Physical and Logistical Construction Issues \$2,412.50
	<b>Component Description:</b>  <b>Amount:</b>	Early work on Form 399 \$987.00
	<b>Component Description:</b>  <b>Amount:</b>	Legal Assistance on Repack \$151.50
Prepare request for Special Temporary Authorization	Information not provided.	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
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	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	Information not provided.
Project management of the transition	Information not provided.

## Cost Information

### Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$58,552.00</b>	<b>\$57,502.00</b>		<b>\$51,694.29</b>	
Equipment Delivery and Handling Charges	<i>\$0.00</i>	\$0.00	Delivery of equipment from storage location to transmitter site staging area.	N/A	N/A
Site Survey	<i>\$15,300.00</i>	\$15,300.00	N/A	\$15,300.00	N/A
MVPD Notification of Channel Change	<i>\$6,750.00</i>	\$6,750.00	Station Notifications to MVPDs will be accomplished using the resources of legal council and consultants. Additional funds required due to phase change from 7 to 10 and delays in construction.	\$4,500.00	N/A
Develop and air announcement of upcoming channel change	<i>\$0.00</i>	\$0.00	Will be accomplished in house.	N/A	N/A

Equipment Storage	<b>\$0.00</b>	\$0.00	Station does not have adequate interim secure storage facilities for equipment. Included with QUOTE WCFE Room- HVAC- Delivery- Electrical- Removal. PDF Line Item: New Equipment Rigging	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$21,752.00</b>	\$21,752.00	New transmitter equipment to be installed in space occupied by existing analog transmitter that must be removed. Removal of obsolete DTV transmitter. QUOTE WCFE Room- HVAC- Delivery- Electrical- Removal. PDF Line Item: Removals and Salvage	\$21,752.00	N/A

DTV Medical Facility Notification	\$11,550.00	\$10,500.00	Additional funds required due to change in phase from 7 to 10 and delays in construction.	\$6,984.00	N/A
Remote control	<b>\$3,200.00</b>	\$3,200.00	Existing remote control does not have SNMP capability. Quote and justification attached.	\$3,158.29	N/A
<b>Sub-total</b>	\$58,552.00	\$57,502.00	N/A	\$51,694.29	N/A
<b>Total for all systems</b>	\$855,549.00	\$670,579.00	N/A	\$574,187.89	N/A

## Components

Actual Information	
Description	File Name
Equipment Delivery and Handling Charges	Information not provided.
Site Survey	<p><b>Component Description:</b> Invoice for System Design Site Survey</p> <p><b>Amount:</b> \$15,300.00</p>



MVPD Notification of Channel Change	<b>Component Description:</b>	MVPD notifications
	<b>Amount:</b>	\$2,250.00
	<b>Component Description:</b>	2nd Set of MVPD Notifications change from phase 7 to phase 10
	<b>Amount:</b>	\$2,250.00
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>Component Description:</b>	Removal and salvage of existing obsolete transmitters and ancillary equipment
	<b>Amount:</b>	\$21,752.00
DTV Medical Facility Notification	<b>Component Description:</b>	2nd Set of Medical Notifications change from phase 7 to phase 10
	<b>Amount:</b>	\$3,492.00
	<b>Component Description:</b>	WCFE Medical notifications
	<b>Amount:</b>	\$3,492.00

Remote control	<table><tr><td data-bbox="707 107 1141 378"><b>Component Description:</b></td><td data-bbox="1141 107 1423 378">Replacement of incompatible remote control.</td></tr><tr><td data-bbox="707 286 1141 378"><b>Amount:</b></td><td data-bbox="1141 286 1423 378">\$3,158.29</td></tr></table>	<b>Component Description:</b>	Replacement of incompatible remote control.	<b>Amount:</b>	\$3,158.29
<b>Component Description:</b>	Replacement of incompatible remote control.				
<b>Amount:</b>	\$3,158.29				

**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$855,549.00	\$670,579.00	\$574,187.89

**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"> <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> </ol>	

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><b>William Rogers</b> <i>Director of Engineering</i></p> <p>10/12/2020</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>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).</p>	
		<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> </ol>	

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



<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>William Rogers</b>  <i>Director of Engineering</i></p> <p>10/12/2020</p>

## Attachments