



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **65670** | Service: **DTV** | Call **WETA-TV** | Channel: **31 (UHF)** |  
ID: | Sign:  
File **0000028782**  
Number:  
FRN: **0002107274** | Date **10/01**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>GREATER WASHINGTON EDUCATIONAL TELECOMMUNICATIONS ASSOC</b> Doing Business As: GREATER WASHINGTON EDUCATIONAL TELECOMMUNICATIONS ASSOC	Legal & Business Affairs Dept. 3939 Campbell Ave Arlington, VA 22206 United States	+1 (703) 998-2851	LDELANEY@WETA.ORG	Not-for-Profit

## Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Joseph L. Snelson , Jr .</b> <i>Technical Consultant</i> <i>Meintel, Sgrignoli &amp; Wallace</i>	1282 Smallwood Drive, Suite 372 Waldorf, MD 20603 United States	+1 (303) 344-8037	joe.snelson@mswdtv.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	WETA proposes to build its repack facility on channel 31 and will be sharing its main antenna, transmission line and combiner with two other parties. See the attached updated narrative for the background and details of its transition plan.

**Transmitters**

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

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

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Alternate Site backup transmitter
	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	CD100P1
	Year	1997
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	17.5 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?	Yes
	Manufacturer	
	Model	ULXTE-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	12.9 kW
	Justification for New Transmitter	See attached letter from manufacturer regarding IOT transmitters.

**Auxiliary  
Transmitter****Other Transmitter Costs**

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

	Description	Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.
<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?	Yes
	Size	600.0 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

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

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

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Used in case of failure of main
	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	DHD15P1
	Year	2003
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	3.6 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?	Yes
	Manufacturer	
	Model	ULXTE-90
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	56.4 kW
	Justification for New Transmitter	See attached letter from GatesAir regarding inability to retune current transmitter. See revised narrative. Replacement upgrade is part of a multi-station resolution that includes moving WETA's repack channel from 14 to 31 at an ERP of 1000 kW.

**Auxiliary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	4 inches
	Length	420.0 feet
	Other Electrical Service	No
	Description	N/A
<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

**Auxiliary  
Transmitter**

**Other Transmitter Cost Not Listed**

Information not provided.



**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	DHD15P1
	Year	2003
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	3.6 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-90
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	56.4 kW
	Justification for New Transmitter	See attached letter from GatesAir regarding inability to retune current transmitter. See revised narrative. Replacement upgrade is part of a multi-station resolution that includes moving WETA's repack channel from 14 to 31 at an ERP of 1000 kW.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	500 kVA
	Rigid Conduit and Wiring	Yes
	Size	4 inches
	Length	420.0 feet
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Heating and Cooling
	Size	50 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	1000.0 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

**Primary  
Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
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**Pre-installation survey**

Site Survey by GatesAir of main and aux transmitter sites for transmitter layout.

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**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	Leased
	Owner	District of Columbia Joint Tower Venture
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
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	3
	Number of Panels	48

Design power capacity in use	47.0 %
Lower Limit	470.00 MHz
Upper Limit	860.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	73.0 kW
Manufacturer	DIE
Model	TUP-04-12-2
Year	1999

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

Facility ID	Call Sign
27772	WHUT-TV
74091	WPXW-TV

**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?	Yes
	Type	New
	Number of channels supported	3
	Frequencies of channels supported	RF channel
	Frequency	N/A

Enter a list of RF channel numbers.

RF Channel Number
31
33
35

Primary  
Antenna

Other Antenna Cost Not Listed  
Information not provided.

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

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Alternate site backup
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	No
	Is this antenna directional?	No
	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) .....	30.0 kW



Manufacturer	
Model	TFU-8JST-R03
Year	1998

**Auxiliary  
Antenna****New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Auxiliary (Backup)
	Description of Use	See attached Buget Justification: Auxiliary Transmitter Site
	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
<b>New Antenna Manufacturer and Types</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/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) .....	240.0 kW
Manufacturer	
Model	TFU-WB
Year	2018
Justification for New Antenna	Current antenna is tuned to channel 27 and cannot be retuned to operate on channel 31. Proposed antenna costs less than exact replacement.

## Auxiliary 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	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	4 1/16 inches inches

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

## Auxiliary 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	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Alternate Transmitter Site
	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	
	Type	Rigid
	Diameter	3 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	521 feet per run

**Auxiliary**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Auxiliary (Backup)
	Description of Use	Off site Interim
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	550 feet per run
	Justification for New Transmission Line	See revised attached budget narrative. Line is not of standard length. Ability to support temporary operations reliably while main site is being converted to channel 31 is questionable. There is a high risk of failure.

Auxiliary	Other Transmission Line Expenses Not Listed
Transmission Line	Information not provided.



**Primary  
Transmission Line**

**Add 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 this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	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	170 feet per run

**Primary**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	170 feet per run
	Justification for New Transmission Line	Current line will not support higher power level to meet ERP determined from multi-station resolution.

**Primary**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
<b>Installation</b>	Estimated removal of current line and installation of new. installation

## 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	Alternate site for WETA
	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	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1018169
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	38° 53' 30.0" N-
	Longitude (NAD83)	077° 07' 54.0" W-
	Overall Structure Height	495.40 feet
	Support Structure Height	492.12 feet
	Ground Elevation Above Mean Sea Level (AMSL)	370.07 feet
	Structure Type	LTOWER - Lattice Tower

	Tower Owner	GREATER WASHINGTON EDUCATIONAL TELECOMMUNICATIONS ASSN DBA = WETA FM
	Date Constructed	02/12/2014

**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
4644	WAVA-FM	FM
12460	WGTS	FM
65669	WETA	FM

#### **Other Types of Users**

Users
Trunking
Amateur Radio
Cellular

#### **Auxiliary Tower**

#### **Tower Modification Costs**

Section	Question	Response
<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Study needed for documented tower
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Minor 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**

Information not provided.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	1500
	Explanation	See attached Budget Justification: Outside Professional Services
<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	2
	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	Yes
	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	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
Channel change	Engineering services to evaluate coverage and interference moving channel from 14 to 31.

<b>Progress Reporting</b>	Prepare and file 7 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.
<b>Site Visits and Surveys</b>	Site visits to establish what equipment is on premises, where new equipment will be located and do equipment inventory for both main and auxiliary sites.
<b>Architect and Engineering services</b>	Planning and layout of new equipment to be installed at main and aux transmitter sites.



## 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	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	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
<b>Additional Legal Expenses for Repack</b>	Legal work related to WETA repack and reimbursement, including advice on FCC rules, regulations and policies, required FCC filings, reimbursement rules and procedures, and coordination of repack efforts with other site users at multi-party tower site.

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 Justification
Primary Transmitter ULXTE-90	\$2,329,335.00	\$2,276,957.00		\$42,315.00	
Other -- Building Addition Size: 1000.0	\$126,590.00	\$126,590.00	Includes drawing and 3-D laser imaging for initial planning purposes (\$26,590). Includes estimate for structure to be constructed on roof to support transmitter heat exchangers (\$100,000).	\$22,590.00	
50 Ton system	\$266,000.00	\$253,000.00	N/A	N/A	
4" Rigid Conduit and Wiring (Cost per foot)	\$42,420.00	\$40,320.00	N/A	N/A	
Transformer 3 phase /480v - 500 KVA	\$48,400.00	\$46,000.00	N/A	N/A	
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,755,022.00	See attached quote. NOTE: Quote shows cost of both main and auxiliary transmitters. See revised narrative.	N/A	
Pre-installation survey	\$19,725.00	\$19,725.00	Pre-installation survey by GatesAir to determine requirements for transmitter installation.	\$19,725.00	

<b>Auxiliary Transmitter ULXTE-20</b>	<b>\$558,500.00</b>	<b>\$64,000.00</b>		<b>\$358,689.76</b>	
Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	<b>\$14,000.00</b>	\$14,000.00	Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	N/A	
Other -- Building Addition Size: 600.0	<b>\$50,000.00</b>	\$50,000.00	See revised narrative. Remodeling needed to accommodate new transmitter and filter while current transmitter remains operational.	N/A	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$0.00	This is an off-site backup to replace what is currently in use. Removed. See narrative weta_budget_rev_070918.pdf.	\$358,689.76	E c in stal shi bee  prec Cos \$
<b>Auxiliary Transmitter ULXTE-90</b>	<b>\$1,830,420.00</b>	<b>\$1,795,342.00</b>		<b>\$0.00</b>	
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,755,022.00	See attached quote. NOTE: Quote shows cost of both main and auxiliary transmitters. See revised narrative.	N/A	

4" Rigid Conduit and Wiring (Cost per foot)	\$42,420.00	\$40,320.00	N/A	N/A
<b>Sub-total</b>	\$4,718,255.00	\$4,136,299.00	N/A	\$401,004.76
<b>Total for all systems</b>	\$5,988,245.00	\$5,467,057.50	N/A	\$562,723.14

## Components

Actual Information	
Description	File Name
Other -- Building Addition Size: 1000.0	<p><b>Component Description:</b> Item A - Drawing and 3D laser imaging for planning purposes</p> <p><b>Amount:</b> \$22,590.00</p>
50 Ton system	Information not provided.
4" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 500 KVA	Information not provided.
Switchgear - industrial 800 amp	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Information not provided.
Pre-installation survey	<p><b>Component Description:</b> Site survey to determine site conditions, materials and components required for system installation</p> <p><b>Amount:</b> \$19,725.00</p>

Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	Information not provided.
Other -- Building Addition Size: 600.0	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	<div> <div> <b>Component Description:</b> </div> <div> Replace existing auxiliary transmitter with channel 31 transmitter </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$358,689.76 </div> </div>
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Information not provided.
4" Rigid Conduit and Wiring (Cost per foot)	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 Justification
<b>Primary Antenna TUP-04-12-2</b>	<b>\$90,930.00</b>	<b>\$129,039.50</b>		<b>\$0.00</b>	
New combiner, cost per channel (without antenna)	\$84,200.00	\$122,639.50	WETA Share of a 3 channel combiner. See attached revised narrative: COMBINER as to the overage from catalog cost per station and cost breakout.	N/A	I
UHF - High Power Top Mount Three Station broadband panel antenna horizontally polarized	<i>\$0.00</i>	\$0.00	N/A	N/A	I
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	I
<b>Auxiliary Antenna TFU-WB</b>	<b>\$211,060.00</b>	<b>\$63,491.00</b>		<b>\$0.00</b>	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$4,050.00	Revised. See narrative weta_budget_rev_070918.pdf.	N/A	I

Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$8,116.00	See narrative weta_budget_rev_070918.pdf	N/A	I
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	I
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$44,925.00	See narrative weta_budget_rev_070918.pdf.	N/A	I
<b>Sub-total</b>	\$301,990.00	\$192,530.50	N/A	\$0.00	I
<b>Total for all systems</b>	\$5,988,245.00	\$5,467,057.50	N/A	\$562,723.14	I

## Components

Information not provided.



## 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
<b>Primary Transmission Line</b>	<b>\$49,340.00</b>	<b>\$47,640.00</b>		<b>\$0.00</b>	
Installation	<i>\$15,000.00</i>	\$15,000.00	Estimated replacement to install new 6-1/8" line and remove old 3-1/8" line.	N/A	N/A
Rigid Transmission Line - copper, 6 1/8"	\$34,340.00	\$32,640.00	N/A	N/A	N/A
<b>Auxiliary Transmission Line</b>	<b>\$78,100.00</b>	<b>\$83,058.00</b>		<b>\$0.00</b>	
Rigid Transmission Line - copper, 4 1/16"	\$78,100.00	\$83,058.00	See narrative 070918.pdf.	N/A	N/A
<b>Sub-total</b>	<b>\$127,440.00</b>	<b>\$130,698.00</b>	N/A	<b>\$0.00</b>	N/A
<b>Total for all systems</b>	<b>\$5,988,245.00</b>	<b>\$5,467,057.50</b>	N/A	<b>\$562,723.14</b>	N/A

### Components

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
Auxiliary Tower LTOWER	\$254,800.00	\$192,000.00		\$0.00	
Short Tower (less than 500')	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$100,000.00	N/A	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	N/A	N/A
Sub-total	\$254,800.00	\$192,000.00	N/A	\$0.00	N/A
Total for all systems	\$5,988,245.00	\$5,467,057.50	N/A	\$562,723.14	N/A

Components

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>\$514,615.00</b>	<b>\$748,750.00</b>		<b>\$161,718.38</b>	
Progress Reporting	<i>\$14,000.00</i>	\$14,000.00	Prepare and file 7 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.	\$1,226.55	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$175,000.00	Fees related to multi-party resolution agreement between 3 parties to accommodate WETA moving from ch 14 to 31, 100,000. Lease mod negotiations for main ant /combiner and bldg. permit app., 50,000. Aux site apps and hearings for bldg expansion 25,000.	\$81,219.93	N/A

Architect and Engineering services	<b>\$19,500.00</b>	\$19,500.00	Planning and layout of new equipment to be installed at main and aux transmitter sites.	N/A	N/A
Site Visits and Surveys	<b>\$9,000.00</b>	\$9,000.00	Site visits to establish what equipment is on premises, where new equipment will be located and do equipment inventory for both main and auxiliary sites.	N/A	N/A
Channel change	<b>\$85,000.00</b>	\$85,000.00	Engineering services to evaluate coverage and interference moving channel from 14 to 31.	\$53,718.75	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	\$100,000.00	\$80,000 for Main transmitter site and \$20,000 for auxiliary site.	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$7,000.00	The need for filing two STA's in a project of this magnitude is anticipated.	\$0.00	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$2,511.75	Actuals are marginally higher than estimates costs
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	\$285.60	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	Two STA's are anticipated, one for the main site and the other for the auxiliary.	\$328.95	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	\$3,000.00	Time required will be similar to that required of the main site to prepare this application.	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$45,000.00	Extensive study has already been given to searching for a new channel and Land Mobile interference and remediation with WETA on ch. 14. Additional studies for multi-station resolution had to be performed.	\$5,000.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$11,000.00	Coordination with 4 TV stations and 3 FM stations. Cut over must be carefully planned with other two stations. Contacting Land Mobile operators on cutover to ensure no interference by WETA	N/A	N/A

Prepare and or review reimbursement form	\$2,630.00	\$15,000.00	This is a complex project and requires careful attention to detail in assembling. Substantial time has been placed into the preparation of the form with supporting justification for both main and auxiliary sites.	\$17,426.85	Actuals are marginally higher than estimated costs.
Project management of the transition	\$237,000.00	\$225,000.00	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
<b>Sub-total</b>	\$514,615.00	\$748,750.00	N/A	\$161,718.38	N/A
<b>Total for all systems</b>	\$5,988,245.00	\$5,467,057.50	N/A	\$562,723.14	N/A

## Components

Actual Information	
Description	File Name

Progress Reporting	<table> <tr> <td data-bbox="708 174 1015 210"><b>Component Description:</b></td><td data-bbox="1150 174 1331 286">Item G - Preparation of progress report</td></tr> <tr> <td data-bbox="708 297 815 333"><b>Amount:</b></td><td data-bbox="1150 297 1230 333">\$47.60</td></tr> <tr> <td data-bbox="708 434 1015 470"><b>Component Description:</b></td><td data-bbox="1150 434 1347 506">Item G - Prepare progress report</td></tr> <tr> <td data-bbox="708 517 815 553"><b>Amount:</b></td><td data-bbox="1150 517 1246 553">\$893.35</td></tr> <tr> <td data-bbox="708 654 1015 689"><b>Component Description:</b></td><td data-bbox="1150 654 1342 806">Item G - Preparation and submission of progress reports</td></tr> <tr> <td data-bbox="708 817 815 853"><b>Amount:</b></td><td data-bbox="1150 817 1246 853">\$285.60</td></tr> </table>	<b>Component Description:</b>	Item G - Preparation of progress report	<b>Amount:</b>	\$47.60	<b>Component Description:</b>	Item G - Prepare progress report	<b>Amount:</b>	\$893.35	<b>Component Description:</b>	Item G - Preparation and submission of progress reports	<b>Amount:</b>	\$285.60
<b>Component Description:</b>	Item G - Preparation of progress report												
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<b>Component Description:</b>	Item G - Prepare progress report												
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<b>Amount:</b>	\$285.60												
Attorney Fees - Negotiation of lease and other matters for shared locations	<table> <tr> <td data-bbox="708 981 1015 1016"><b>Component Description:</b></td><td data-bbox="1150 981 1374 1211">Item A - Negotiation with 3rd parties in connection with WETA move to Ch. 31</td></tr> <tr> <td data-bbox="708 1223 815 1258"><b>Amount:</b></td><td data-bbox="1150 1223 1267 1258">\$4,700.00</td></tr> <tr> <td data-bbox="708 1359 1015 1395"><b>Component Description:</b></td><td data-bbox="1150 1359 1374 1552">Item A - Negotiation with 3rd parties for WETA move to Ch. 31</td></tr> <tr> <td data-bbox="708 1563 815 1599"><b>Amount:</b></td><td data-bbox="1150 1563 1283 1599">\$12,350.00</td></tr> <tr> <td data-bbox="708 1700 1015 1736"><b>Component Description:</b></td><td data-bbox="1150 1700 1366 1892">Item A - Attorney fees for discussion regarding viability of Ch. 14 and move to Ch. 31</td></tr> <tr> <td data-bbox="708 1904 815 1939"><b>Amount:</b></td><td data-bbox="1150 1904 1267 1939">\$6,822.08</td></tr> </table>	<b>Component Description:</b>	Item A - Negotiation with 3rd parties in connection with WETA move to Ch. 31	<b>Amount:</b>	\$4,700.00	<b>Component Description:</b>	Item A - Negotiation with 3rd parties for WETA move to Ch. 31	<b>Amount:</b>	\$12,350.00	<b>Component Description:</b>	Item A - Attorney fees for discussion regarding viability of Ch. 14 and move to Ch. 31	<b>Amount:</b>	\$6,822.08
<b>Component Description:</b>	Item A - Negotiation with 3rd parties in connection with WETA move to Ch. 31												
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<b>Amount:</b>	\$12,350.00												
<b>Component Description:</b>	Item A - Attorney fees for discussion regarding viability of Ch. 14 and move to Ch. 31												
<b>Amount:</b>	\$6,822.08												



**Component Description:** Item A - Attorney fees related to negotiation of WETA move to Ch. 31

**Amount:** \$17,227.32

**Component Description:** Item A - Attorney fees for various matter relating to channel 14 assignment and channel 31 move

**Amount:** \$6,330.80

**Component Description:** Item A - Negotiate with 3rd parties re: move to Ch. 31 and related

**Amount:** \$4,093.60

**Component Description:** Negotiating with 3rd parties (interference) for move to Ch. 31

**Amount:** \$476.00

**Component Description:** Item A - Attorney fees for negotiation of move to Channel 31. See attached invoice and items marked as A on page 2 for detail breakout.

**Amount:** \$1,190.00

	<b>Component Description:</b>		Item A - Attorney fees for exploring and negotiating channel alternatives to Ch. 14
	<b>Amount:</b>		\$5,758.86
	<b>Component Description:</b>		Item A - Attorney fees for exploration and negotiation of Ch. 31 move
	<b>Amount:</b>		\$1,626.47
	<b>Component Description:</b>		Item A - Negotiation of move to Ch. 31 and related issues
	<b>Amount:</b>		\$20,644.80
Architect and Engineering services	Information not provided.		
Site Visits and Surveys	Information not provided.		
Channel change	<b>Component Description:</b>		Item A - Channel 14 issues and alternatives. SFN research options.
	<b>Amount:</b>		\$4,893.75
	<b>Component Description:</b>		Item B - Land Mobile interference and remediation on Ch. 14
	<b>Amount:</b>		\$4,106.25

<b>Component Description:</b>	Item A - Auction repack analysis related to WETA Ch. 14
<b>Amount:</b>	\$10,743.75

<b>Component Description:</b>	Item B - Coverage study and interference maps for various scenarios including Ch. 20 SFN option
<b>Amount:</b>	\$2,868.75

<b>Component Description:</b>	Item C - RF sweep at transmitter site and UHF panel testing for new repack channel
<b>Amount:</b>	\$1,687.50

<b>Component Description:</b>	Item A - Auction repack analysis for new Ch 14 assignment
<b>Amount:</b>	\$5,850.00

<b>Component Description:</b>	Item B - Repack research issues related to Land Mobile interference on Ch. 14
<b>Amount:</b>	\$20,362.50

	<p><b>Component Description:</b></p> <p>Item A - Develop new channel options with MPT. Extensive work to obtain a multi-resolution agreement between 3 parties for channel changes for 5 stations so WETA could get ch 31.</p> <p><b>Amount:</b></p> <p>\$2,193.75</p>
	<p><b>Component Description:</b></p> <p>Item B - TV study for alternative channel assignments. WETA originally assigned channel 14. This was an unworkable channel due to numerous Land Mobile stations in DC. Studies we undertaken to find another channel. WETA ultimately found channel 31.</p> <p><b>Amount:</b></p> <p>\$1,012.50</p>
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.

<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<table> <tr> <td data-bbox="702 174 1015 210"><b>Component Description:</b></td><td data-bbox="1147 174 1374 365">Item B - Preparation of construction permit application and related</td></tr> <tr> <td data-bbox="702 376 815 412"><b>Amount:</b></td><td data-bbox="1147 376 1267 412">\$1,618.40</td></tr> <tr> <td data-bbox="702 517 1015 553"><b>Component Description:</b></td><td data-bbox="1147 517 1374 627">Item B - Monitor construction permit application</td></tr> <tr> <td data-bbox="702 638 815 674"><b>Amount:</b></td><td data-bbox="1147 638 1246 674">\$190.40</td></tr> <tr> <td data-bbox="702 779 1015 815"><b>Component Description:</b></td><td data-bbox="1147 779 1374 927">Item B - Work related to construction permit application</td></tr> <tr> <td data-bbox="702 938 815 974"><b>Amount:</b></td><td data-bbox="1147 938 1246 974">\$476.00</td></tr> <tr> <td data-bbox="702 1079 1015 1115"><b>Component Description:</b></td><td data-bbox="1147 1079 1366 1189">Item B - Follow-up work related to CP application</td></tr> <tr> <td data-bbox="702 1200 815 1236"><b>Amount:</b></td><td data-bbox="1147 1200 1246 1236">\$226.95</td></tr> </table>	<b>Component Description:</b>	Item B - Preparation of construction permit application and related	<b>Amount:</b>	\$1,618.40	<b>Component Description:</b>	Item B - Monitor construction permit application	<b>Amount:</b>	\$190.40	<b>Component Description:</b>	Item B - Work related to construction permit application	<b>Amount:</b>	\$476.00	<b>Component Description:</b>	Item B - Follow-up work related to CP application	<b>Amount:</b>	\$226.95
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<p>Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application</p>	<table> <tr> <td data-bbox="702 1361 1015 1397"><b>Component Description:</b></td><td data-bbox="1147 1361 1366 1509">Item C - Preparation of CP application for aux site</td></tr> <tr> <td data-bbox="702 1520 815 1556"><b>Amount:</b></td><td data-bbox="1147 1520 1246 1556">\$285.60</td></tr> </table>	<b>Component Description:</b>	Item C - Preparation of CP application for aux site	<b>Amount:</b>	\$285.60												
<b>Component Description:</b>	Item C - Preparation of CP application for aux site																
<b>Amount:</b>	\$285.60																
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p>Information not provided.</p>																

Prepare request for Special Temporary Authorization	<p><b>Component Description:</b> Item E - Attorney fees related to STA for waiver of repack construction permit app</p> <p><b>Amount:</b> \$328.95</p>
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.
Perform engineering study for new channel assignment and antenna development	<p><b>Component Description:</b> Review of Land mobile interference with WETA on Ch. 14</p> <p><b>Amount:</b> \$5,000.00</p>
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	<p><b>Component Description:</b> Item F - Attorney fees for preparation of Form 399</p> <p><b>Amount:</b> \$952.00</p>

<b>Component Description:</b>	Item F - Attorney fees for educating WETA staff on reimbursement procedures
<b>Amount:</b>	\$95.20

<b>Component Description:</b>	Item F - Attorney fees in preparation of Form 399
<b>Amount:</b>	\$190.40

<b>Component Description:</b>	Item F - Educate WETA staff on reimbursement procedures and processes
<b>Amount:</b>	\$2,760.80

<b>Component Description:</b>	Item F - Educate WETA staff on reimbursement
<b>Amount:</b>	\$238.00

<b>Component Description:</b>	Item F - Attorney fees for preparation of Form 399
<b>Amount:</b>	\$2,500.00

<b>Component Description:</b>	Item F - Attorney fees related to preparation of Form 399
<b>Amount:</b>	\$2,943.55

<b>Component Description:</b>	Item F - Attorney fees related to preparation of Form 399
<b>Amount:</b>	\$1,643.90

	<b>Component Description:</b>	Item F - Attorney fees for preparation of Form 399
	<b>Amount:</b>	\$5,807.20
	<b>Component Description:</b>	Item F - Educate WETA staff on reimbursement process & procedure and related
	<b>Amount:</b>	\$295.80
Project management of the transition	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	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>\$71,145.00</b>	<b>\$66,780.00</b>		<b>\$0.00</b>	
Additional Legal Expenses for Repack	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$7,000.00</i>	\$7,000.00	Estimated cost of using outside firm to contact MVPD's regarding channel change to repack channel.	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$7,500.00</i>	\$7,500.00	Costs for production and airtime of channel change announcements.	N/A	N/A
Equipment Storage	<i>\$10,000.00</i>	\$10,000.00	See attached Budget Justification: FEES AND MISCELLANEOUS EXPENSES	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$28,900.00</i>	\$28,900.00	Estimated freight charges for multiple transmitters and auxiliary antenna not included in quotations for equipment from vendors. See transmitter quotes for those estimates.	N/A	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$1,000.00</b>	\$1,000.00	Some disposal costs are anticipated for old equipment removed from service. This modest amount is proposed for such disposal.	N/A	N/A
Non-zoning permits	<b>\$5,000.00</b>	\$5,000.00	Estimate of building permit costs to modify auxiliary transmitter site and extensive electrical work at main site.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$380.00	Anticipate needing to file two STA's in a project this complex.	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$7,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$71,145.00	\$66,780.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$5,988,245.00	\$5,467,057.50	N/A	\$562,723.14	N/A

## Components

Information not provided.

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$5,988,245.00	\$5,467,057.50	\$562,723.14

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <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>Roby Jacob</b>  <i>Corporate Controller</i></p> <p>10/01/2018</p>

## Attachments