



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **73206** | Service: **DTV** | Call **WLNY-TV** | Channel: **29 (UHF)** |  
ID:  
File **0000027358**  
Number:  
FRN: **0021355177** | Date **09/11**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>CBS LITV LLC</b> Doing Business As: CBS LITV LLC	Daniel G. Ryson 2020 M. St., NW - Licensing DEPT WASHINGTON, DC 20036 United States	+1 (202) 457-4505	dryson@cbs. com	Limited Liability Company

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Daniel G Ryson</b> <i>Director of Spectrum Management CBS</i>	Daniel G. Ryson 2020 M. St., NW - Licensing DEPT Washington, DC 20036 United States	+1 (202) 457- 4074	dryson@cbs. com

**Broadcaster  
Information  
and  
Transition  
Plan**

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	Install new auxiliary transmitter facility. Operate on auxiliary until modified main facility is ready. Extensive construction required.

**Transmitters**

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

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

Section	Question	Response
Existing Transmitter Description	Type of change	Retune Existing
	Use	Auxiliary (Backup)
	Ownership	Owned
	Owner	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	Rhode & Schwarz
	Model	NV7500

Year	2009
Type	Solid State
Solid State Cooling	Liquid Cooled
Solid State Power capacity	10 kW

## Auxiliary Transmitter

### Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	10 kW
	Other Power	N/A
New Exciter	Is a new exciter needed?	Yes
	Exciter Type	Dual exciter with changeover

## 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	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	Quantum ODC2 (Dual ESCIOT)
	Year	2009
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 kW

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTED-100
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	63 kW
	Justification for New Transmitter	Manufacturer cannot retune any IOT transmitter. Acrodyne is no longer manufacturing transmitters. See EXHIBITS 2 & 3

**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	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?	Yes
	Size	800.0 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
<b>Mask Filter and Switches</b>	RF System including Mask filters, switches, transitions
<b>Distilled Water</b>	Distilled Water (Required for Transmitter Cooling)

**Antennas**

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



**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	back up
	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	Elliptical
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	2
	Design power capacity in use	0.0 %
	Lower Limit	470.00 MHz
	Upper Limit	656.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	455.0 kW

Manufacturer	
Model	PHP96E
Year	2015

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

Section	Question	Response
<b>New Antenna Description</b>	Use	Auxiliary (Backup)
	Description of Use	Back up
	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
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	10.0 kW
	Manufacturer	
	Model	JA/MS-16

	Year	2018
	Justification for New Antenna	Channel change requires new antenna

## 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?	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?	Yes

## Auxiliary Antenna

### Other Antenna Cost Not Listed

Information not provided.

## Primary Antenna

### Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	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	Not in Stack
	Polarization	Circular
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	1000.0 kW

Manufacturer	
Model	JSM-16/47 TCCP
Year	2002

Primary  
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Circular
	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) .....	730.0 kW
	Manufacturer	

Model	JSM-16/29-TCCP
Year	2018
Justification for New Antenna	New channel requires a new antenna.

## 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	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?	Yes



**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Name	Description
Jampro twr extension	Tower extension for antenna

**Transmission Line**

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

**Auxiliary**      **Add Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary (Backup)
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
<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	635 feet per run

**Auxiliary**      **New Transmission Line**  
**Transmission Line**      **Section**

	Question	Response
<b>New Transmission Line Costs</b>	Use	Auxiliary (Backup)
	Description of Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Type	Rigid
	Diameter	3 1/8 inches
	Other Diameter	N/A
	Segment Length	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	650 feet per run
	Justification for New Transmission Line	Existing segment length is incorrect match for new channel.

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

**Primary**  
**Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	710 feet per run

**Primary**      **New Transmission Line**  
**Transmission Line**      **Section**

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?	No
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	750 feet per run
	Justification for New Transmission Line	Existing line is unacceptable at new channel

**Primary**      **Other Transmission Line Expenses Not Listed**  
**Transmission Line**      **Information not provided.**

**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Primary  
Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1006717
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	40° 53' 50.3" N-
	Longitude (NAD83)	072° 54' 54.2" W-
	Overall Structure Height	641.72 feet
	Support Structure Height	603.34 feet
	Ground Elevation Above Mean Sea Level (AMSL)	89.89 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	CBS Communications Services Inc.
	Date Constructed	01/01/1985

**Primary Tower**

**Tower Modification Costs**

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

**Primary Tower**

**Tower Rigging Costs**

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

**Primary Tower**

**Other Tower Expenses Not Listed**

Information not provided.



**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	No
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare and file Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A

	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	No
	Address transition timing and coordination issues w/ other stations and wireless providers	No
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	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?	No
	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
Transmitter Site Survey	Determine site conditions to facilitate installation of GatesAir equipment. See Exhibit 25.

**Cost  
Information**

**Transmitters**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTED- 100	\$2,118,537.60	\$2,118,537.60		\$2,104,537.77	
Distilled Water	<i>\$438.46</i>	\$438.46	See Exhibit 34.	\$438.46	N/A
Mask Filter and Switches	<i>\$279,276.54</i>	\$279,276.54	GatesAir RF system inc. switches, switchless combiner, mask filters, transitions. See Exhibit 3A Item B and GatesAir Invoices Statement.	\$279,276.54	N/A
Other -- Building Addition Size: 800.0	<i>\$375,000.00</i>	\$375,000.00	General building work. Includes Concrete, Electric, HVAC, etc. See Exhibit 7A and April 2018 Statement.	\$374,774.20	N/A

UHF - Liquid Cooled Solid State Transmitter 63 kW	<b>\$1,463,822.60</b>	\$1,463,822.60	Cost is for one power- level step increase transmitter (see Comparable ULXTED-80 Transmitter Quote Exhibit 1A, Lines A, C, D, E, and Shipping). WLNY proposes an upgraded transmitter (Exhibit 3A). See narrative GatesAir Invoices Statement.	\$1,450,048.57	N/A
<b>Auxiliary Transmitter NV7500</b>	<b>\$160,860.00</b>	<b>\$84,300.00</b>		<b>\$29,300.00</b>	
10 kW mask filter	\$8,310.00	\$29,300.00	Please see Exhibit 30A Item 2.	\$29,300.00	This filter will be required for both pre- transition and post- transition operation. Thus, a retunable filter is required that can operate on both channels.

Dual exciter system with change over	\$47,350.00	\$45,000.00	Replace existing dual exciter system. Catalog pricing.	N/A	N/A
UHF and VHF - minor banding issues	\$105,200.00	\$10,000.00	Catalog Pricing (Range Minimum)	\$0.00	N/A
<b>Sub-total</b>	\$2,279,397.60	\$2,202,837.60	N/A	\$2,133,837.77	N/A
<b>Total for all systems</b>	\$4,237,046.04	\$3,509,653.94	N/A	\$3,395,600.67	N/A

## Components

Actual Information	
Description	File Name
Distilled Water	<p><b>Component Description:</b> Includes cost of distilled water, sales tax, and service charge. Excludes \$450 bottle deposit which was refunded.</p> <p><b>Amount:</b> \$438.46</p>

Mask Filter and Switches	<div> <b>Component Description:</b> <div> Primary Transmitter and Mask Filter Progress Payment. See April 2018 Statement and Exhibit 14. (Invoice split with Primary Transmitter category.) </div> </div> <div> <b>Amount:</b> <div>\$279,276.54</div> </div>
Other -- Building Addition Size: 800.0	<div> <b>Component Description:</b> <div> Various building work. See Exhibit 16 and April 2018 Statement. </div> </div> <div> <b>Amount:</b> <div>\$86,489.75</div> </div> <div> <b>Component Description:</b> <div> Various Building Work. See Exhibit 17 and April 2018 Statement. </div> </div> <div> <b>Amount:</b> <div>\$120,833.75</div> </div> <div> <b>Component Description:</b> <div> Various Building Work - See Exhibits 7A, 32A, and April 2018 Statement. </div> </div> <div> <b>Amount:</b> <div>\$110,896.70</div> </div> <div> <b>Component Description:</b> <div> Various Building Work - See Exhibit 18 and April 2018 Statement. </div> </div> <div> <b>Amount:</b> <div>\$56,554.00</div> </div>



UHF - Liquid Cooled Solid  
State Transmitter 63 kW

**Component Description:**

Primary  
Transmitter  
Installation, Proof,  
and Freight.  
Please see  
Exhibit 46.

**Amount:**

\$109,066.38

**Component Description:**

See Exhibit 31B  
for explanation of  
this calculated  
dollar amount,  
supporting  
quotes, and an  
invoice.

**Amount:**

\$258,875.75

**Component Description:**

Primary  
transmitter and  
mask filter  
progress  
payment. (See  
Exhibit 14.)  
(Invoice cost split  
with Mask Filter  
category.)

**Amount:**

\$401,414.95

**Component Description:**

Primary  
transmitter down  
payment. See  
Exhibit 13.

**Amount:**

\$680,691.49

10 kW mask filter	<div data-bbox="722 174 1362 405"> <p><b>Component Description:</b> Please see Exhibit 33D. This invoice is split among several cost categories.</p> <p><b>Amount:</b> \$14,615.15</p> </div> <div data-bbox="722 510 1362 741"> <p><b>Component Description:</b> See Exhibit 24C Item 2. This invoice is split among several cost categories.</p> <p><b>Amount:</b> \$14,684.85</p> </div> <div data-bbox="722 846 1362 1077"> <p><b>Component Description:</b> See Exhibit 33C Item 2. This invoice is split among several cost categories.</p> <p><b>Amount:</b> \$14,615.15</p> </div>
Dual exciter system with change over	Information not provided.
UHF and VHF - minor banding issues	Information not provided.

## Cost Information

### Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Primary Antenna JSM-16/29-TCCP</b>	<b>\$308,910.00</b>	<b>\$178,880.00</b>		<b>\$176,830.00</b>	
Jampro twr extension	<i>\$12,680.00</i>	\$12,680.00	Required for antenna installation. Replaces larger existing tower extension. See Exhibits 4 and 11.	\$12,680.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$4,350.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$159,800.00	Please See Exhibit 4, Item 1.	\$159,800.00	N/A
<b>Auxiliary Antenna JA /MS-16</b>	<b>\$50,930.00</b>	<b>\$50,600.00</b>		<b>\$48,550.00</b>	

UHF - High Power, Side Mount, basic slot antenna, 8 - 10 kW input, directional,, elliptically or circularly polarized	<b>\$44,200.00</b>	\$44,200.00	Please see quote Exhibit 30A.	\$44,200.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$4,350.00	N/A
<b>Sub-total</b>	\$359,840.00	\$229,480.00	N/A	\$225,380.00	N/A
<b>Total for all systems</b>	\$4,237,046.04	\$3,509,653.94	N/A	\$3,395,600.67	N/A

## Components

Actual Information	
Description	File Name
Jampro twr extension	<p><b>Component Description:</b> Please see Exhibit 15A, Item 3. This invoice is split among several categories.</p> <p><b>Amount:</b> \$12,680.00</p>

Sweep test of existing antenna	<p><b>Component Description:</b> See Exhibit 15A, Item 6. \$8,700 represents testing of both primary and interim antennas, which is divided evenly between those two cost categories.</p> <p><b>Amount:</b> \$4,350.00</p>
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<p><b>Component Description:</b> Please see Exhibit 15A, Item 1. This invoice is split among several cost categories. See April 2018 Statement.</p> <p><b>Amount:</b> \$159,800.00</p>
UHF - High Power, Side Mount, basic slot antenna, 8 - 10 kW input, directional,, elliptically or circularly polarized	<p><b>Component Description:</b> See Exhibit 24C Item 1. This invoice is divided among multiple categories.</p> <p><b>Amount:</b> \$22,152.58</p> <p><b>Component Description:</b> See Exhibit 33C Item 1. This invoice is divided among multiple categories.</p> <p><b>Amount:</b> \$22,047.42</p>

Sweep test of existing antenna	<table><tr><td data-bbox="707 91 1141 560"><b>Component Description:</b></td><td data-bbox="1141 91 1430 560">See Exhibit 15A, Item 6. \$8,700 represents testing of both primary and interim antennas so is divided evenly between those two cost categories.</td></tr><tr><td data-bbox="707 560 1141 667"><b>Amount:</b></td><td data-bbox="1141 560 1430 667">\$4,350.00</td></tr></table>	<b>Component Description:</b>	See Exhibit 15A, Item 6. \$8,700 represents testing of both primary and interim antennas so is divided evenly between those two cost categories.	<b>Amount:</b>	\$4,350.00
<b>Component Description:</b>	See Exhibit 15A, Item 6. \$8,700 represents testing of both primary and interim antennas so is divided evenly between those two cost categories.				
<b>Amount:</b>	\$4,350.00				

Cost  
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$151,500.00	\$105,579.00		\$105,579.00	
Rigid Transmission Line - copper, 6 1/8"	\$151,500.00	\$105,579.00	N/A	\$105,579.00	N/A
Auxiliary Transmission Line	\$67,600.00	\$40,197.50		\$40,197.50	
Rigid Transmission Line - copper, 3 1/8"	\$67,600.00	\$40,197.50	See quote provided as Exhibit 24B.	\$40,197.50	N/A
Sub-total	\$219,100.00	\$145,776.50	N/A	\$145,776.50	N/A
Total for all systems	\$4,237,046.04	\$3,509,653.94	N/A	\$3,395,600.67	N/A

Components

Actual Information Description	File Name
Rigid Transmission Line - copper, 6 1/8"	<div><div>Component Description:</div><div>Primary antenna transmission line. Please see Exhibit 15A, Item 4. This invoice is split among several cost categories.</div><div>Amount:</div><div>\$105,579.00</div></div>

Rigid Transmission Line -  
copper, 3 1/8"

**Component Description:**

Please see Exhibit  
33D. This invoice  
is divided among  
multiple  
categories.

**Amount:**

\$20,050.93

**Component Description:**

See Exhibit 24C,  
Item 3. This  
invoice is divided  
among multiple  
categories.

**Amount:**

\$20,146.57

**Component Description:**

See Exhibit 33C,  
Item 3. This  
invoice is divided  
among multiple  
categories.

**Amount:**

\$20,050.93



Cost  
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$1,275,100.00	\$836,456.40		\$836,456.40	
Tall Tower (greater than 500')	\$210,500.00	\$302,452.50	See Exhibit 26, Page 5, Phase 3 Cost	\$302,452.50	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$15,000.00	Please see Exhibits 27 and 28	\$15,000.00	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$519,003.90	Please see Exhibit 26 (Phases 1 and 2: \$511,463.90 plus Exhibit 29: \$7,540).	\$519,003.90	N/A
Sub-total	\$1,275,100.00	\$836,456.40	N/A	\$836,456.40	N/A
Total for all systems	\$4,237,046.04	\$3,509,653.94	N/A	\$3,395,600.67	N/A

Components

Actual Information Description	File Name
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Tall Tower (greater than 500')	<div data-bbox="710 174 1380 448"> <p><b>Component Description:</b> Tower Rigging - Install and remove antennas; Install and remove transmission lines - Payment 2 of 3.</p> <p><b>Amount:</b> \$100,817.50</p> </div> <div data-bbox="710 555 1380 828"> <p><b>Component Description:</b> Tower Rigging - Install and remove antennas; Install and remove transmission lines - Payment 3 of 3.</p> <p><b>Amount:</b> \$100,817.50</p> </div> <div data-bbox="710 936 1380 1164"> <p><b>Component Description:</b> Tower Rigging - Install and remove antennas; Install and remove transmission lines.</p> <p><b>Amount:</b> \$100,817.50</p> </div>
Structural engineering tower load study for well documented tower	<div data-bbox="710 1303 1380 1377"> <p><b>Component Description:</b> Structural Analysis</p> <p><b>Amount:</b> \$7,000.00</p> </div> <div data-bbox="710 1485 1380 1597"> <p><b>Component Description:</b> Design Structural Modifications</p> <p><b>Amount:</b> \$8,000.00</p> </div>

Serious tower reinforcement  
/modifications

**Component Description:** Tower foundations  
- Down payment  
**Amount:** \$35,102.17

**Component Description:** Tower  
Reinforcement -  
Down Payment  
**Amount:** \$135,385.80

**Component Description:** Soil testing for  
tower study  
**Amount:** \$7,540.00

**Component Description:** Tower  
Reinforcement  
(Phase 2) -  
Payment two of  
three.  
**Amount:** \$135,385.80

**Component Description:** Tower  
Reinforcement  
(Phase Two)  
Payment 3 of 3.  
**Amount:** \$135,385.80

**Component Description:** Tower foundations  
- Remainder.  
**Amount:** \$70,204.33

Cost  
Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$24,205.00	\$22,000.00		\$0.00	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$19,000.00	N/A	N/A	N/A
Sub-total	\$24,205.00	\$22,000.00	N/A	\$0.00	N/A
Total for all systems	\$4,237,046.04	\$3,509,653.94	N/A	\$3,395,600.67	N/A

Components

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>\$79,403.44</b>	<b>\$73,103.44</b>		<b>\$54,150.00</b>	
Transmitter Site Survey	<i>\$15,853.44</i>	\$15,853.44	GatesAir transmitter site survey. See Exhibit 25.	N/A	N/A
MVPD Notification of Channel Change	<i>\$1,000.00</i>	\$1,000.00	Required	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,250.00	See Quote - Exhibit 41	\$5,250.00	N/A
Develop and air announcement of upcoming channel change	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$36,000.00</i>	\$36,000.00	Removal and proper disposal of transmitter equipment, fluids, and power supply units. See Exhibit 43.	\$36,000.00	N/A
Equipment Delivery and Handling Charges	<i>\$15,000.00</i>	\$15,000.00	Est. freight on antenna and transmission line.	\$12,900.00	N/A

<b>Sub-total</b>	\$79,403.44	\$73,103.44	N/A	\$54,150.00	N/A
<b>Total for all systems</b>	\$4,237,046.04	\$3,509,653.94	N/A	\$3,395,600.67	N/A

## Components

<b>Actual Information Description</b>	<b>File Name</b>
Transmitter Site Survey	Information not provided.
MVPD Notification of Channel Change	Information not provided.
DTV Medical Facility Notification	<p><b>Component Description:</b> Provide Required Health Care Notification</p> <p><b>Amount:</b> \$5,250.00</p>
Develop and air announcement of upcoming channel change	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	<p><b>Component Description:</b> This is final 2/3 payment.</p> <p><b>Amount:</b> \$24,000.00</p> <p><b>Component Description:</b> This is first the 1 /3 down payment per proposal (See Exhibit 43).</p> <p><b>Amount:</b> \$12,000.00</p>

Equipment Delivery and  
Handling Charges

**Component Description:**

Interim Antenna  
Freight. 100% of  
cost shown in  
other invoice.  
This is just a void  
filler to replace  
previously filed  
invoice.

**Amount:**

N/A

**Component Description:**

Freight for  
antenna and  
tower extension.  
See Exhibit 15A  
Item 8. This  
Invoice was split  
among various  
cost categories.

**Amount:**

\$8,400.00

**Component Description:**

Antenna Freight.  
See Exhibit 40.

**Amount:**

\$4,500.00

<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$4,237,046.04	\$3,509,653.94
			\$3,395,600.67

<b>Reimbursement Status</b>	<b>Question</b>	<b>Response</b>
	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>Andrew J Siegel</b>  <i>Assistant Secretary</i></p> <p>09/11/2020</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> <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>Andrew J Siegel</b>  <i>Assistant Secretary</i></p> <p>09/11/2020</p>

## Attachments