Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **73206** | Service: **DTV** | Call Sign: **WLNY-TV** | Channel: **29 (UHF)**

File Number: **0000027358**

FRN: **0021355177** | Date Submitted: **05/10/2018**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
CBS LITV LLC Doing Business As: CBS LITV LLC	Daniel G. Ryson 1725 DESALES ST NW SUITE 501 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
Daniel G Ryson *Associate Director of Spectrum Management* *CBS*	Daniel G. Ryson 1725 DeSales St. NW Suite 501 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

HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Information not provided.

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Quantium 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
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	800.0 square feet
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Mask Filter and Switches	RF System including Mask filters, switches, transitions

Antennas

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

Auxiliary Antenna

Add Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	back up
	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
Existing Antenna Manufacturer and Type	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
New Antenna Description	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
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	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
Combiner for Shared Antenna	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Auxiliary Antenna

Other Antenna Cost Not Listed

Information not provided.

Primary Antenna

Existing Antenna Information

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

Add Transmission Line

Section	Question	Response
Existing Transmission Line Description	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
Existing Transmission Line Manufacturer and Type	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 Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	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 Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	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
Existing Transmission Line Manufacturer and Type	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 Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 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 un-acceptable at new channel

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Tower Equipment And Rigging Costs

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

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
Outside Project Management Services	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
Outside RF consulting Engineering Services	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
Attorney and Other Outside Consulting Services	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
RF Field Engineering Services	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

Information not provided.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	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
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	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	**$1,882,136.30**	**$1,882,136.30**		**$1,625,260.48**	
Mask Filter and Switches	***$279,276.54***	$279,276.54	GatesAir RF system inc. switches, mask filters, transitions. See Exhibit 3A and April 2018 Statement.	$279,276.54	N/A
Other -- Building Addition Size: 800.0	***$375,000.00***	$375,000.00	General building work. Includes Concrete, Electric, HVAC, etc. See Exhibit 7A and April 2018 Statement.	$263,877.50	N/A

UHF - Liquid Cooled Solid State Transmitter 63 kW	***$1,227,859.76***	$1,227,859.76	Cost is for one power-level step increase transmitter (see Exhibit 1, Lines A, C, D, and Shipping). Corrected April 2018 to include Electrical, Installation, and shipping, exclude mask filter. WLNY proposes an upgraded transmitter (Exhibits 3 and 3A).	$1,082,106.44	N/A
Auxiliary Transmitter NV7500	**$160,860.00**	**$62,900.00**		**$29,300.00**	
UHF and VHF - minor banding issues	$105,200.00	$10,000.00	Catalog Pricing (Range Minimum)	$0.00	N/A
Dual exciter system with change over	$47,350.00	$45,000.00	Replace existing dual exciter system. Catalog pricing.	N/A	N/A

10 kW mask filter	$8,310.00	$7,900.00	Catalog Pricing	$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.
Sub-total	$2,042,996.30	$1,945,036.30	N/A	$1,654,560.48	N/A
Total for all systems	$3,984,644.74	$3,529,634.64	N/A	$2,393,996.28	N/A

Components

Actual Information Description	**File Name**	
Mask Filter and Switches	**Component Description:**	Primary Transmitter and Mask Filter Progress Payment. See April 2018 Statement and Exhibit 14. (Invoice split with Primary Transmitter category.)
	Amount:	$279,276.54

Other -- Building Addition Size: 800.0	**Component Description:** **Amount:**	Various Building Work - See Exhibit 18 and April 2018 Statement. $56,554.00
	Component Description: **Amount:**	Various Building Work. See Exhibit 17 and April 2018 Statement. $120,833.75
	Component Description: **Amount:**	Various building work. See Exhibit 16 and April 2018 Statement. $86,489.75
UHF - Liquid Cooled Solid State Transmitter 63 kW	**Component Description:** **Amount:**	Primary transmitter and mask filter progress payment. (See Exhibit 14.) (Invoice cost split with Mask Filter category.) $401,414.95
	Component Description: **Amount:**	Primary transmitter down payment. See Exhibit 13. $680,691.49
UHF and VHF - minor banding issues	Information not provided.	
Dual exciter system with change over	Information not provided.	

10 kW mask filter	**Component Description:**	See Exhibit 24 Item 2. This invoice is split among several cost categories.
	Amount:	$29,300.00

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna JSM-16/29-TCCP	**$308,910.00**	**$178,880.00**		**$176,830.00**	
Jampro twr extension	***$12,680.00***	$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
Auxiliary Antenna JA /MS-16	**$50,930.00**	**$50,600.00**		**$48,550.00**	
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$4,350.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 8 - 10 kW input, directional,, elliptically or circularly polarized	***$44,200.00***	$44,200.00	Please see quote Exhibit 30.	$44,200.00	N/A
Sub-total	$359,840.00	$229,480.00	N/A	$225,380.00	N/A
Total for all systems	$3,984,644.74	$3,529,634.64	N/A	$2,393,996.28	N/A

Components

Actual Information Description	File Name	
Jampro twr extension	**Component Description:** **Amount:**	Please see Exhibit 15A, Item 3. This invoice is split among several categories. $12,680.00
Sweep test of existing antenna	**Component Description:** **Amount:**	See Exhibit 15A, Item 6. $8,700 represents testing of both primary and interim antennas, which is divided evenly between those two cost categories. $4,350.00

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	**Component Description:** **Amount:**	Please see Exhibit 15A, Item 1. This invoice is split among several cost categories. See April 2018 Statement. $159,800.00
Sweep test of existing antenna	**Component Description:** **Amount:**	See Exhibit 15A, Item 6. $8,700 represents testing of both primary and interim antennas so is divided evenly between those two cost categories. $4,350.00
UHF - High Power, Side Mount, basic slot antenna, 8 - 10 kW input, directional,, elliptically or circularly polarized	**Component Description:** **Amount:**	See Exhibit 24 Item 1. This invoice is divided among multiple categories. $44,200.00

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**	**$31,527.00**		**$31,527.00**	
Rigid Transmission Line - copper, 3 1/8"	$67,600.00	$31,527.00	N/A	$31,527.00	N/A
Sub-total	$219,100.00	$137,106.00	N/A	$137,106.00	N/A
Total for all systems	$3,984,644.74	$3,529,634.64	N/A	$2,393,996.28	N/A

Components

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

Rigid Transmission Line - copper, 3 1/8"	**Component Description:**	See Exhibit 24, Item 3. This invoice is divided among multiple categories.
	Amount:	$31,527.00

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**	**$1,138,908.90**		**$364,049.80**	
Serious tower reinforcement /modifications	$1,052,000.00	$821,456.40	Please see Exhibit 26 plus Exhibit 29.	$248,232.30	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
Tall Tower (greater than 500')	$210,500.00	$302,452.50	See Exhibit 19, Page 2 "Total Cost"	$100,817.50	N/A
Sub-total	$1,275,100.00	$1,138,908.90	N/A	$364,049.80	N/A
Total for all systems	$3,984,644.74	$3,529,634.64	N/A	$2,393,996.28	N/A

Components

Actual Information Description	File Name

Serious tower reinforcement /modifications	**Component Description:** **Amount:**	Tower foundations - Down payment $35,102.17
	Component Description: **Amount:**	Tower Reinforcement - Down Payment $135,385.80
	Component Description: **Amount:**	Tower foundations - Remainder. $70,204.33
	Component Description: **Amount:**	Soil testing for tower study $7,540.00
Structural engineering tower load study for well documented tower	**Component Description:** **Amount:**	Design Structural Modifications $8,000.00
	Component Description: **Amount:**	Structural Analysis $7,000.00
Tall Tower (greater than 500')	**Component Description:** **Amount:**	Tower Rigging - Install and remove antennas; Install and remove transmission lines. $100,817.50

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	$3,984,644.74	$3,529,634.64	N/A	$2,393,996.28	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
Other Expenses	**$63,403.44**	**$57,103.44**		**$12,900.00**	
Transmitter Site Survey	***$15,853.44***	$15,853.44	GatesAir transmitter site survey. See Exhibit 25.	N/A	N/A
MVPD Notification of Channel Change	***$1,000.00***	$1,000.00	Required	N/A	N/A
Develop and air announcement of upcoming channel change	***$0.00***	$0.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	***$15,000.00***	$15,000.00	Est. freight on antenna and transmission line.	$12,900.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$20,000.00***	$20,000.00	Dispose of old transmission line and transmitter.	N/A	N/A
DTV Medical Facility Notification	$11,550.00	$5,250.00	Required	N/A	N/A
Sub-total	$63,403.44	$57,103.44	N/A	$12,900.00	N/A
Total for all systems	$3,984,644.74	$3,529,634.64	N/A	$2,393,996.28	N/A

Components

Actual Information Description	File Name
Transmitter Site Survey	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Delivery and Handling Charges	**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:** Exhibit 24 Item 4. This invoice is divided among several categories. **Amount:** $4,500.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
DTV Medical Facility Notification	Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$3,984,644.74	$3,529,634.64	$2,393,996.28

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	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.	
	1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

	8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Andrew J Siegel** *Assistant Secretary* 05/10/2018

Attachments