



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **77451** | Service: **DTV** | Call **KPTH** | Channel: **30 (UHF)**
ID: | Sign:
File **0000028555**
Number:
FRN: **0022764187** | Date **05/17**
Submitted: **/2019**

Applicant Information Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
KPTH LICENSEE, LLC Doing Business As: KPTH LICENSEE, LLC	Harvey Arnold 10706 Beaver Dam Road Cockeysville, MD 21030 United States	+1 (410) 568-1500	harnold@sbgvtv. 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
Paul A. Cicelski , Esq . <i>Lerman Senter PLLC</i>	Paul A. Cicelski, Esq. 2001 L Street, NW Suite 400 Washington, DC 20036 United States	+1 (202) 429- 8970	pcicelski@lermansenter. 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	See Exhibit A.

Transmitters

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

**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	Quantum QDC2 ESC
	Year	2006
	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	THU9evo-48
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	73.5 kW
	Justification for New Transmitter	Per the manufacturer, the current transmitter cannot be retuned. See Exhibit B.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	800.0 feet
	Other Electrical Service	No

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

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Other Costs	Other Costs

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	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?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	1000.0 kW

Manufacturer	
Model	ATW25H3- HTP1-49H
Year	2006

**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?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	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)	694.0 kW
Manufacturer		

Model	TFU-20ETT /VP-R P210
Year	2017
Justification for New Antenna	Old antenna is a single channel antenna that cannot be used for the new post-auction channel.

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?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
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
Combiner output splitting or switching for dual feed lines	Combiner output splitting/switching for dual feed lines

**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New 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	3
	Number of Panels/Bays	24
	Lower Limit	470.00 MHz
	Upper Limit	598.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	300.0 kW
	Manufacturer	
	Model	TFU-24WB- 1-R
Year	2017	

Justification for New Antenna	Interim antenna to be shared by three stations to stay on the air while the main antenna undergoes construction for the post-auction channel change.
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Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	3
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
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

Enter a list of RF channel numbers.

RF Channel Number
14
30
32

**Interim
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?

Primary Transmission Line
Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	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	ERI
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	Other
	Other Segment Length	18.4 feet
	Number of parallel runs	1
	Length	2118 feet per run

**Primary
Transmission
Line** **Other Transmission Line Expenses Not Listed**

Name	Description
Rigid Transmission Line - copper	Rigid Transmission Line - copper

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?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1057963
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	42° 35' 12.0" N-
	Longitude (NAD83)	096° 13' 19.0" W-
	Overall Structure Height	1987.84 feet
	Support Structure Height	1847.09 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1332.99 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Heartland Tower Company, L.L.C.
Date Constructed	02/22/2007

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
66170	KTIV	DTV
39665	KMEG	DTV

Primary Tower

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	470
	Explanation	Outside consulting engineering, legal work, and accounting services, as well as project management for regional and comprehensive repack execution.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	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

Attorney and Other Outside Consulting Services	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	2
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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	
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Other Professional Services Expenses Not Listed

**Outside
Professional
Services
Costs**

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	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	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
Equipment Storage	Equipment Storage

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 THU9evo-48	\$3,582,800.00	\$2,309,502.84		\$1,236,704.99	
Switchgear - industrial 800 amp	\$38,200.00	\$51,736.50	See attached Mitchell Electric quote #22658.	\$8,330.34	N/A
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	\$1,999,000.00	\$1,946,000.00	N/A	\$1,207,694.75	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$210,029.84	***System Notice: Estimate adjusted and locked because line has been superseded. ***See Response to August 11 Inquiry.	\$7,120.86	N/A
Other Costs	<i>\$15,000.00</i>	\$15,000.00	Updated cost of the estimated amount per FCC requirement.	\$13,559.04	N/A

Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$20,800.00	\$51,736.50	See attached Mitchell Electric quote #22658.	N/A	N/A
Sub-total	\$3,582,800.00	\$2,309,502.84	N/A	\$1,236,704.99	N/A
Total for all systems	\$5,826,127.44	\$4,482,607.78	N/A	\$2,309,185.96	N/A

Components

Actual Information		
Description	File Name	
Switchgear - industrial 800 amp	Component Description:	Transmitter related cost. #INV-11883
	Amount:	\$4,149.00
	Component Description:	Transmitter related cost reduced by 20.02%. #230008
	Amount:	\$1,494.02
	Component Description:	Transmitter switch related cost discounted by 20.02%. #213011
	Amount:	\$2,687.32

UHF - Liquid Cooled Solid
State Transmitter 68.5 - 75
kW

Component Description: Transmitter related
cost. #002153
Amount: \$302,552.00

Component Description: Transmitter related
cost. #002152
Amount: \$20,427.00

Component Description: Transmitter cost,
75% plus tax.
#9500081385
Amount: \$840,632.75

Component Description: Transmitter cost,
25% down upgrade
excluded.
#9500075318
Amount: \$44,083.00

UHF - Liquid Cooled Solid
State Transmitter 35 - 50
kW

Component Description: Fork lift rental.
#155690796-001
Amount: \$1,276.51

Component Description: Roll of dumpster
and disposal cost.
#2103
Amount: \$283.75

Component Description: Transmitter
downpayment.
#9500075318
Amount: \$202,908.98

Component Description: Rental cost related
to transmitter.
#157358238-003
Amount: \$637.14

	<p>Component Description: Transmitter related cost for rental. #8543</p> <p>Amount: \$3,852.00</p>
	<p>Component Description: Roll off dumpster and disposal cost. #2017</p> <p>Amount: \$319.41</p>
	<p>Component Description: Disposal costs associated with the transmitter. #2748</p> <p>Amount: \$448.74</p>
	<p>Component Description: Roll off dumpster and disposal cost. #2193</p> <p>Amount: \$303.31</p>
Other Costs	<p>Component Description: Security services related to the transmitter. #24659</p> <p>Amount: \$5,084.64</p>
	<p>Component Description: Security services related to the transmitter. #24710</p> <p>Amount: \$3,954.72</p>
	<p>Component Description: Security services attributed to the transmitter. #24610</p> <p>Amount: \$4,519.68</p>
Transformer 3 phase/480v - 300 KVA	Information not provided.

2" 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 Cost Justification
Interim Antenna TFU-24WB-1-R	\$362,780.00	\$356,400.00		\$17,118.72	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,118.72	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	N/A	\$12,000.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$13,000.00	N/A	\$0.00	N/A

UHF - High Power, Side Mount, broadband panel, 24 bay,, 300 kW input, directional,, elliptically or circularly polarized	<i>\$235,000.00</i>	\$235,000.00	This cost is from the Widality Report Cost Catalog, however, the cost erroneously did not pre-fill in the instant application section based on the 24-bay, 60 kW, directional, elliptically polarized antenna. Shared with KMEG and KTIV.	\$0.00	Second item should be removed.
Primary Antenna TFU-20ETT /VP-R P210	\$608,530.00	\$599,600.00		\$333,534.14	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,118.72	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$281,500.00	N/A	\$208,335.46	N/A
Combiner output splitting or switching for dual feed lines	<i>\$300,000.00</i>	\$300,000.00	N/A	\$120,079.96	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	N/A	N/A
Sub-total	\$971,310.00	\$956,000.00	N/A	\$350,652.86	N/A
Total for all systems	\$5,826,127.44	\$4,482,607.78	N/A	\$2,309,185.96	N/A

Components

Actual Information		
Description	File Name	
Sweep test of existing antenna	Component Description:	Antenna related cost reduced by 20.02%. #331009
	Amount:	\$5,118.72
	Component Description:	This cost represents the 1/3 allocation to KPTH for its share of the antenna.
	Amount:	\$758.33
New combiner, cost per channel (without antenna)	Component Description:	Antenna related cost. #QC19-007
	Amount:	\$12,000.00
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	

<p>Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)</p>	<p>Component Description: This cost represents the 1/3 allocations to KPTH for its share of the antenna.</p> <p>Amount: \$560.00</p>
<p>UHF - High Power, Side Mount, broadband panel, 24 bay,, 300 kW input, directional,, elliptically or circularly polarized</p>	<p>Component Description: This cost represents the 1/3 allocation to KPTH for its share of the antenna.</p> <p>Amount: \$57,672.67</p> <p>Component Description: Total amount reduced by 20.02%. #195001</p> <p>Amount: \$148,253.32</p>
<p>Sweep test of existing antenna</p>	<p>Component Description: Antenna related cost reduced by 20.02%. #323011</p> <p>Amount: \$5,118.72</p>

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized

Component Description: Antenna related cost reduced by 20.02%. #317002
Amount: \$4,285.72

Component Description: Antenna related cost reduced by 20.02%. #318016
Amount: \$3,423.52

Component Description: Antenna related cost reduced by 20.02%. #345012
Amount: \$2,748.91

Component Description: Antenna related cost reduced by 20.02%. #295008
Amount: \$52,142.16

Component Description: Antenna related cost reduced by 20.02%. #274003
Amount: \$16,163.95

Component Description: Updated UHF Antenna related cost. This is the newest version and all other versions should be deleted.
#195001
Amount: \$133,856.92

Component Description: Antenna related cost reduced by 20.02%. #195001
Amount: \$148,253.32

Combiner output splitting or switching for dual feed lines	<p>Component Description: Antenna related cost reduced by 20.02%. #212010</p> <p>Amount: \$117,906.51</p>
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<p>Component Description: Antenna related cost reduced by 20.02%. #273027</p> <p>Amount: \$2,173.45</p>
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	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
Primary Transmission Line	\$48,000.00	\$48,000.00		\$47,664.80	
Rigid Transmission Line - copper	<i>\$48,000.00</i>	\$48,000.00	Due to the associated costs represented in the invoice.	\$47,664.80	The second item can be deleted.
Sub-total	\$48,000.00	\$48,000.00	N/A	\$47,664.80	N/A
Total for all systems	\$5,826,127.44	\$4,482,607.78	N/A	\$2,309,185.96	N/A

Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper	<p>Component Description: Updated invoice of transmission line related cost. #219004</p> <p>Amount: \$47,664.80</p> <p>Component Description: Transmission line related cost reduced by 20.02%. #219004</p> <p>Amount: \$47,664.80</p>

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	\$862,000.00	\$819,000.00		\$614,215.01	
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$138,691.01	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$463,524.00	Last item should be removed as we've uploaded updated file.
Structural engineering tower load study for a documented tower with candelabra	\$20,000.00	\$19,000.00	N/A	\$12,000.00	N/A
Sub-total	\$862,000.00	\$819,000.00	N/A	\$614,215.01	N/A
Total for all systems	\$5,826,127.44	\$4,482,607.78	N/A	\$2,309,185.96	N/A

Components

Actual Information	
Description	File Name

Major tower reinforcement /modifications	<p>Component Description: Tower related cost. #157358238-005</p> <p>Amount: \$640.10</p>
	<p>Component Description: Tower related cost. #7519</p> <p>Amount: \$34,775.00</p>
	<p>Component Description: Tower related cost. #7566</p> <p>Amount: \$37,450.00</p>
	<p>Component Description: Tower related cost. #7458</p> <p>Amount: \$38,787.50</p>
	<p>Component Description: Tower related cost. #7459</p> <p>Amount: \$4,568.41</p>
	<p>Component Description: Tower related cost. #7439</p> <p>Amount: \$6,420.00</p>
	<p>Component Description: Tower related cost. #7438</p> <p>Amount: \$16,050.00</p>
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<p>Component Description: 1st payment of PO #9761. #7248</p> <p>Amount: \$85,407.40</p>
	<p>Component Description: Tower related cost updated 3. #7336</p> <p>Amount: \$170,814.80</p>

Component Description: 3rd payment of PO
#9761. #7336
Amount: \$170,814.80

Component Description: 2nd payment of PO
#9761. #7302
Amount: \$85,407.40

Component Description: Tower related cost
updated 2. #7302
Amount: \$85,407.40

Component Description: Tower related cost
updated 1. #7248
Amount: \$85,407.40

Component Description: 4th payment of PO
#9761. #7365
Amount: \$17,120.00

Component Description: This invoice is 1/2
of the
"\$159,645.00"
downpayment.
#7248
Amount: \$85,407.40

Component Description: Tower related
expense. #8136
Amount: \$3,852.00

Component Description: Tower related cost.
#7417
Amount: \$15,515.00

	Component Description:	Incremental payment number 5 for tower related cost. #7382
	Amount:	\$85,407.40
Structural engineering tower load study for a documented tower with candelabra	Component Description:	Engineering tower analysis.
	Amount:	\$6,000.00
	Component Description:	Tower analysis.
	Amount:	\$6,000.00

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$228,045.00	\$216,697.50		\$36,772.26	
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,947.50	check invoice	\$2,947.50	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	\$3,400.00	N/A
Project management of the transition	\$74,260.00	\$70,500.00	N/A	\$23,030.05	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A

Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$221.92	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$2,700.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,447.79	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,025.00	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
Sub-total	\$228,045.00	\$216,697.50	N/A	\$36,772.26	N/A
Total for all systems	\$5,826,127.44	\$4,482,607.78	N/A	\$2,309,185.96	N/A

Components

Actual Information	
Description	File Name
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	<p>Component Description: Outside consulting engineering costs. #878-55-0004</p> <p>Amount: \$2,947.50</p>
Comprehensive coverage verification via field study, if needed	<p>Component Description: Coverage related cost. #187005</p> <p>Amount: \$3,400.00</p>
Project management of the transition	

Component Description: Portion of general repack matter invoice attributable to this station - divided by 100 stations.
#1111
Amount: \$159.58

Component Description: Portion of general repack matter invoice attributable to this station - divided by 100 stations.
#1105
Amount: \$216.88

Component Description: Portion of general repack matter invoice attributable to this station - divided by 100 stations.
#1098
Amount: \$238.07

Component Description: Legal Service
Cost. #470876
Amount: \$241.25

Component Description: Portion of general repack matter invoice attributable to this station - divided by 100 stations.
#1114
Amount: \$242.25

Component Description: Portion of general repack matter invoice attributable to this station - divided by 100 stations.
#471524
Amount: \$341.18

Component Description: Portion of general repack matter invoice attributable to this station - divided by 100 stations.
#473506
Amount: \$421.40

Component Description: Legal Service
Cost. #471532
Amount: \$436.25

Component Description: Portion of general repack matter invoice attributable to this station - divided by 100 stations.
#470237
Amount: \$436.37

Component Description: Legal Service
Cost. #470282
Amount: \$475.00

Component Description: Legal Service
Cost. #472180
Amount: \$965.00

Component Description: Legal Service
Cost. #472591
Amount: \$2,347.15

Component Description: Portion of general
repack matter
invoice
attributable to this
station - divided
by 100 stations.
#470321
Amount: \$198.52

Component Description: Portion of general
repack matter
invoice
attributable to this
station - divided
by 100 stations.
#470923
Amount: \$479.53

Component Description: Portion of general
repack matter
invoice
attributable to this
station - divided
by 99 stations.
#469573
Amount: \$446.03

Component Description: Portion of general
repack matter
invoice
attributable to this
station - divided
by 100 stations.
#1099
Amount: \$266.93

Component Description: Legal Service
Cost. #472995
Amount: \$115.00

Component Description: Legal services
cost. #463577
Amount: \$185.45

Component Description: Portion of general
repack matter
invoice
attributable to this
station - divided
by 93 stations.
Amount: \$731.72

Component Description: Portion of general
repack matter
invoice
attributable to this
station - divided
by 93 stations.
Amount: \$955.89

Component Description: Portion of general
repack matter
invoice
attributable to this
station - divided
by 98 stations.
#464321
Amount: \$683.07

Component Description: Portion of general
repack matter
invoice
attributable to this
station - divided
by 98 stations.
#1072
Amount: \$237.64

Component Description: Portion of general repack matter invoice attributable to this station - divided by 99 stations.
#1086
Amount: \$275.35

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.
Amount: \$912.81

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.
#453686
Amount: \$943.95

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.
#461289
Amount: \$91.50

Component Description: Legal services cost. #460939
Amount: \$115.00

Component Description: Portion of general repack matter invoice attributable to this station - divided by 100 stations.
#1090
Amount: \$176.70

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.
#457331
Amount: \$836.44

Component Description: Portion of general repack matter invoice attributable to this station - divided by 99 stations.
#468718
Amount: \$349.51

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#465001
Amount: \$596.30

Component Description: Legal Service
Cost. #465186
Amount: \$297.50

Component Description: Legal Service
Cost. #469586
Amount: \$501.25

Component Description: Legal Service
Cost. #466701
Amount: \$57.50

Component Description: Legal services
cost. #467389
Amount: \$245.20

Component Description: Portion of general
repack matter
invoice
attributable to this
station - divided
by 98 stations.
#1051
Amount: \$105.97

Component Description: Portion of general
repack matter
invoice
attributable to this
station - divided
by 93 stations.
#457851
Amount: \$818.59

Component Description: Portion of general
repack matter
invoice
attributable to this
station - divided
by 93 stations.
Amount: \$43.72

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#1078
Amount: \$215.68

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#465173
Amount: \$654.26

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#1045
Amount: \$185.10

Component Description: Legal services cost. #464700
Amount: \$297.90

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.
#453972
Amount: \$716.28

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#1058
Amount: \$187.24

Component Description: Legal services cost. #461802
Amount: \$325.68

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#467861
Amount: \$470.30

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations. Previous balance of invoice #453686.
Amount: \$999.04

Component Description: Legal Service Cost. #467897
Amount: \$50.00

Component Description: Legal services cost. Interest accrued excluded. #461802
Amount: \$319.30

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1079
Amount: \$177.14

Component Description: Legal services cost. #464358
Amount: \$82.30

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations. #1039
Amount: \$30.47

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations. #463567
Amount: \$566.48

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.
Amount: \$20.91

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.
Amount: \$32.35

Component Description: Portion of general repack matter invoice attributable to this station - divided by 100 stations.
#1093
Amount: \$269.71

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.
#1010
Amount: \$86.88

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#1055
Amount: \$243.38

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#1069
Amount: \$246.68

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#467378
Amount: \$576.96

Component Description: Legal services cost. #457852
Amount: \$453.30

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#1063
Amount: \$262.29

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations. Previous balance of invoice #1012.
Amount: \$86.88

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#463026

Amount: \$801.57

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#461759

Amount: \$29.98

Component Description: Portion of general repack matter invoice attributable to this station - divided by 93 stations.

Amount: \$20.65

Component Description: Portion of general repack matter invoice attributable to this station - divided by 98 stations.
#466690

Amount: \$446.87

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.

Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.												
NEPA Section 106 environmental review, if needed	Information not provided.												
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.												
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.												
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.												
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.												
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<table border="0"> <tr> <td data-bbox="722 1182 1026 1211">Component Description:</td> <td data-bbox="1161 1182 1374 1413">Portion of general repack matter invoice attributable to this station - divided by 93 stations.</td> </tr> <tr> <td data-bbox="722 1462 831 1491">Amount:</td> <td data-bbox="1161 1424 1262 1453">#461289</td> </tr> <tr> <td></td> <td data-bbox="1161 1462 1262 1491">\$122.00</td> </tr> <tr> <td data-bbox="722 1597 1026 1626">Component Description:</td> <td data-bbox="1161 1597 1374 1827">Portion of general repack matter invoice attributable to this station - divided by 98 stations.</td> </tr> <tr> <td data-bbox="722 1877 831 1906">Amount:</td> <td data-bbox="1161 1843 1262 1872">#461759</td> </tr> <tr> <td></td> <td data-bbox="1161 1881 1246 1910">\$99.92</td> </tr> </table>	Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations.	Amount:	#461289		\$122.00	Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations.	Amount:	#461759		\$99.92
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 93 stations.												
Amount:	#461289												
	\$122.00												
Component Description:	Portion of general repack matter invoice attributable to this station - divided by 98 stations.												
Amount:	#461759												
	\$99.92												
Prepare request for Special Temporary Authorization	Information not provided.												

<p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application</p>	<p>Information not provided.</p>	
<p>Perform engineering study for new channel assignment and antenna development</p>	<p>Component Description:</p> <p>Amount:</p>	<p>Consulting engineering cost. \$2,700.00</p>
<p>Prepare and or review reimbursement form</p>	<p>Component Description:</p> <p>Amount:</p> <p>Component Description:</p> <p>Amount:</p> <p>Component Description:</p> <p>Amount:</p> <p>Component Description:</p> <p>Amount:</p>	<p>Portion of general repack matter invoice attributable to this station - divided by 93 stations. \$152.01</p> <p>Legal services cost. \$115.00</p> <p>Portion of general repack matter invoice attributable to this station - divided by 98 stations. #461759 \$869.30</p> <p>Portion of general repack matter invoice attributable to this station - divided by 93 stations. #461289 \$1,311.48</p>

Address transition timing and coordination issues w/ other stations and wireless	Information not provided.				
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<table data-bbox="719 331 1369 450"> <tr> <td data-bbox="719 331 1145 367">Component Description:</td> <td data-bbox="1145 331 1369 405">Consulting engineering cost.</td> </tr> <tr> <td data-bbox="719 405 1145 441">Amount:</td> <td data-bbox="1145 405 1369 441">\$2,025.00</td> </tr> </table>	Component Description:	Consulting engineering cost.	Amount:	\$2,025.00
Component Description:	Consulting engineering cost.				
Amount:	\$2,025.00				
Prepare engineering section of FCC Form 2100 (main), License to Cover 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
Other Expenses	\$133,972.44	\$133,407.44		\$23,176.04	
Equipment Delivery and Handling Charges	<i>\$20,276.44</i>	\$20,276.44	See Exhibit J.	\$20,276.44	N/A
Equipment Storage	<i>\$10,000.00</i>	\$10,000.00	N/A	\$299.60	N/A
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	See Exhibit J.	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$28,050.00</i>	\$28,050.00	See Response to August 11 Inquiry.	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$28,566.00</i>	\$28,566.00	See Response to August 11 Inquiry.	N/A	N/A
Non-zoning permits	<i>\$10,000.00</i>	\$10,000.00	See Exhibit J.	N/A	N/A
Local Zoning	<i>\$20,000.00</i>	\$20,000.00	See Exhibit J.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A

DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,600.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
Sub-total	\$133,972.44	\$133,407.44	N/A	\$23,176.04	N/A
Total for all systems	\$5,826,127.44	\$4,482,607.78	N/A	\$2,309,185.96	N/A

Components

Actual Information	
Description	File Name
Equipment Delivery and Handling Charges	Component Description: Equipment delivery related costs reduced by 20.02%. #320013
	Amount: \$4,214.83
	Component Description: Equipment delivery related cost. #8849
	Amount: \$3,852.00
	Component Description: Equipment delivery related costs. #301046
	Amount: \$12,209.61

Equipment Storage	<p>Component Description: Equipment storage cost. #170028</p> <p>Amount: \$149.80</p> <p>Component Description: One month of equipment storage. #169333</p> <p>Amount: \$149.80</p>
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
DTV Medical Facility Notification	<p>Component Description: Medical notification mailing. #1044</p> <p>Amount: \$2,600.00</p>
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

Cost Information **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$5,826,127.44	\$4,482,607.78	\$2,309,185.96

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
	<p>Submission of Estimated Expenses Statements</p>	<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 data-bbox="750 772 1045 1176">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 data-bbox="750 1198 1029 1444">2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. <li data-bbox="750 1467 1037 1758">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.

**Lucy
Rutishauser**
CFO

05/17/2019

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> 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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

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.

8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

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.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Lucy
Rutishauser**
CFO

05/17/2019

Attachments