



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **27504** | Service: **DTV** | Call **WKPT-TV** | Channel: **32 (UHF)** |  
ID: | Sign:  
File **0000026143**  
Number:  
FRN: **0001770163** | Date **11/28**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>HOLSTON VALLEY BROADCASTING CORPORATION</b> Doing Business As: HOLSTON VALLEY BROADCASTING CORPORATION	Nathan D. Widener 222 COMMERCE STREET KINGSPORT, TN 37660 United States	+1 (423) 723-6134	davidw@wtfm.com	Corporation

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

## Broadcaster Information and Transition Plan

Question	Response
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Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	To keep our current channels on the air while we build our new assigned channels we will have to remove the old 65.5 foot UHF analog antenna replacing it with a 65.5 pole to have room for the new antennas for channel 16 & 36, since our tower is full.

## Transmitters

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	Yes
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	TAU 2-5K00AA
	Year	2003
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	4 kW

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

Facility ID	Call Sign
77677	WAPK-CD

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	EC706HP-BB
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	5.24 kW
	Justification for New Transmitter	We need to keep our existing channel 27 operation on the air while we build our new channel 32 facility. Our existing transmitter will not produce the power needed to feed our new channel 32 antenna system. It will only produce 4kW of digital power.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	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

**Primary  
Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
<b>Remote Control Upgrade</b>	Upgrade Burk remote control to be compatible with new Comark transmitter



**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	Emergency backup low power Antenna
	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?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Middle
	Polarization	Horizontal
	Type	Other
	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	Para-slot



ERP: (Effective Radiated Power) .....	13.8 kW
Manufacturer	
Model	SCA- SL8CH27
Year	2000

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## Auxiliary Antenna

### New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Emergency low power backup antenna
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Bottom
	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)	13.8 kW

Manufacturer	
Model	SCA-SL8CH32
Year	2017
Justification for New Antenna	It is a channel specific antenna and our current emergency backup antenna will not work on our new assigned channel,

## 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

### Add 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 this antenna currently shared with any other stations?	No
	Is this 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	Side Mount
	Antenna position in stack	Middle
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	16
	Design power capacity in use	100.0 %
	Lower Limit	548.00 MHz
	Upper Limit	554.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	200.0 kW

Manufacturer	
Model	TLP-16E
Year	2005

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**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Primary (Main)
	Description of Use	N/A
	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?	Yes
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels/Bays	16
	Lower Limit	578.00 MHz
	Upper Limit	584.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	222.0 kW
	Manufacturer	
	Model	TLP-16E

Year	2017
Justification for New Antenna	Our new assigned channel is 32. We need a new antenna because our existing antenna is not multiple channel, plus we need to keep channel 27 on the air while we build channel 32.

## 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?	Yes



<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**

Information not provided.

**Transmission Line**

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

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

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	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	Unknown
	Type	Flexible Foam
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	158 feet per run

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	Flexible Air
	Diameter	3 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	150 feet per run

**Primary**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Flexible Air
	Diameter	3 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	250 feet per run
	Justification for New Transmission Line	We need a new antenna installed and operating while our existing station is on the air. The mounting position of the new antenna and the proximity of the new transmitter requires additional length of transmission line.

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

**Interim**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	275 feet per run
	Justification for New Transmission Line	Needed for interim operation on pre-transition channel on nearby rental tower using existing primary antenna

**Interim**  
**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

Add 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?	Terrain Constrained
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1054538
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	36° 25' 53.0" N-
	Longitude (NAD83)	082° 08' 15.0" W-
	Overall Structure Height	225.72 feet
	Support Structure Height	169.29 feet
	Ground Elevation Above Mean Sea Level (AMSL)	4172.85 feet



Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	HOLSTON VALLEY BROADCASTING CORPORATION
Date Constructed	10/01/1994

**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
77677	WAPK-CD	DTV
27489	WTFM	FM
27490	WOPI-CD	DTV

**Other Types of Users**

Users
2 ghz receive
7ghz receive
FM translator
FM Translator
7 ghz transmit
950 mhz STL

**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

<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Serious Reinforcements needed
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**Primary Tower**

**Tower Rigging Costs**

Section	Question	Response
<b>Tower Rigging Costs</b>	Complex Tower	Terrain constrained
<b>Helicopter Services Required</b>	Are helicopter services required?	No

**Primary Tower**

**Other Tower Expenses Not Listed**

Name	Description
<b>Tower Rental</b>	Rental of nearby tower for 9 months through the end of the transition

**Interim  
Tower****Tower Construction Costs**

Section	Question	Response
Construct New Tower	Use	Interim
	Description of Use	N/A
	Height	228.00 feet
	Justification for New Tower	Rental for 7 months

**Interim  
Tower****Tower Rigging Costs**

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

**Interim  
Tower****Other Tower Expenses Not Listed**

Name	Description
Interim Tower Analysis	Structural analysis for use of existing tower owned by WJHL-TV for a period of 7 months while licensee's tower is modified.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	8
	Explanation	We have received a quote from Stainless, Inc. of Cedar Hill, Texas for a package including (a) the tower engineering study; (b) replacing the top 65 feet of the tower; (c) tower rigging; and (d) remove replace existing antennas and transmission lines
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No

RF exposure measurements	No
Additional Field Engineering Service	No
Number of Days	N/A
Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Other Engineering Services	Engineering services not included in any other 399 section

## 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)?	No
	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

<b>Other Expenses</b>	<b>Other Expenses Not Listed</b>
	Information not provided.



## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Primary Transmitter EC706HP-BB</b>	<b>\$239,701.03</b>	<b>\$241,320.15</b>		<b>\$229,254.14</b>	
Remote Control Upgrade	<i>\$3,201.03</i>	\$3,201.03	50 percent split with WAPK for Burk remote control upgrade. Increased to include shipping. See Invoice 10288-1.	\$3,040.98	N/A
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	\$236,500.00	\$238,119.12	New quote from Comark for one step up based on headroom greater than 10 percent, Includes Sales Tax	\$226,213.16	Sales Tax was added after the quote was accepted.
<b>Sub-total</b>	<b>\$239,701.03</b>	<b>\$241,320.15</b>	<b>N/A</b>	<b>\$229,254.14</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$2,493,377.61</b>	<b>\$820,392.18</b>	<b>N/A</b>	<b>\$527,764.80</b>	<b>N/A</b>

### Components

Actual Information Description	File Name
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Remote Control Upgrade	<table> <tr> <td data-bbox="722 174 1029 208"><b>Component Description:</b></td><td data-bbox="1161 174 1348 443">WKPT Share of 50 pct down payment. See cover letter for rounding and splitting calculations</td></tr> <tr> <td data-bbox="722 454 831 488"><b>Amount:</b></td><td data-bbox="1161 454 1281 488">\$1,600.52</td></tr> <tr> <td data-bbox="722 589 1029 622"><b>Component Description:</b></td><td data-bbox="1161 589 1372 779">WKPT 50% share of 45% progress payment for shared remote control system</td></tr> <tr> <td data-bbox="722 790 831 824"><b>Amount:</b></td><td data-bbox="1161 790 1281 824">\$1,440.46</td></tr> </table>	<b>Component Description:</b>	WKPT Share of 50 pct down payment. See cover letter for rounding and splitting calculations	<b>Amount:</b>	\$1,600.52	<b>Component Description:</b>	WKPT 50% share of 45% progress payment for shared remote control system	<b>Amount:</b>	\$1,440.46
<b>Component Description:</b>	WKPT Share of 50 pct down payment. See cover letter for rounding and splitting calculations								
<b>Amount:</b>	\$1,600.52								
<b>Component Description:</b>	WKPT 50% share of 45% progress payment for shared remote control system								
<b>Amount:</b>	\$1,440.46								
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	<table> <tr> <td data-bbox="722 960 1029 994"><b>Component Description:</b></td><td data-bbox="1161 960 1361 1072">45% Progress Payment for new transmitter</td></tr> <tr> <td data-bbox="722 1084 831 1117"><b>Amount:</b></td><td data-bbox="1161 1084 1310 1117">\$107,153.60</td></tr> <tr> <td data-bbox="722 1218 1029 1252"><b>Component Description:</b></td><td data-bbox="1161 1218 1361 1375">50 pct down payment for new transmitter for WKPT</td></tr> <tr> <td data-bbox="722 1386 831 1420"><b>Amount:</b></td><td data-bbox="1161 1386 1310 1420">\$119,059.56</td></tr> </table>	<b>Component Description:</b>	45% Progress Payment for new transmitter	<b>Amount:</b>	\$107,153.60	<b>Component Description:</b>	50 pct down payment for new transmitter for WKPT	<b>Amount:</b>	\$119,059.56
<b>Component Description:</b>	45% Progress Payment for new transmitter								
<b>Amount:</b>	\$107,153.60								
<b>Component Description:</b>	50 pct down payment for new transmitter for WKPT								
<b>Amount:</b>	\$119,059.56								

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 TLP-16E	\$219,380.00	\$36,872.00		\$36,872.00	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$9,180.00	Dielectric quote	\$9,180.00	N/A
UHF - Lower Power Side Mount, One station - 200- 500 kW, horizontally polarized	\$189,500.00	\$21,292.00	Dielectric quote	\$21,292.00	N/A
Auxiliary Antenna SCA- SL8CH32	\$12,069.25	\$11,739.25		\$5,339.25	

UHF - High Power, Side Mount, basic slot antenna, 14 kW input, elliptically or circularly polarized	<b>\$5,339.25</b>	\$5,339.25	We currently have an emergency backup antenna and they are channel specific so we will need one for our new assigned channel 32. Katrein Scala SL8 quote	\$5,339.25	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
<b>Sub-total</b>	\$231,449.25	\$48,611.25	N/A	\$42,211.25	N/A
<b>Total for all systems</b>	\$2,493,377.61	\$820,392.18	N/A	\$527,764.80	N/A

## Components

Actual Information	
Description	File Name
Sweep test of existing antenna	<p><b>Component Description:</b> Sweep of the antenna</p> <p><b>Amount:</b> \$6,400.00</p>
Side mount brackets for high power antennas (if not included in antenna base cost)	<p><b>Component Description:</b> Custom Mounting brackets for the antenna</p> <p><b>Amount:</b> \$9,180.00</p>

UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	<b>Component Description:</b> TLP-16E primary antenna <b>Amount:</b> \$21,292.00
UHF - High Power, Side Mount, basic slot antenna, 14 kW input, elliptically or circularly polarized	<b>Component Description:</b> WKPT Auxiliary Antenna <b>Amount:</b> \$5,339.25
Sweep test of existing antenna	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
Interim Transmission Line	\$16,225.00	\$9,344.31		\$9,344.31	
Flexible Air Transmission Line - dielectric, 3"	\$16,225.00	\$9,344.31	N/A	\$9,344.31	N/A
Primary Transmission Line	\$14,750.00	\$8,838.04		\$0.00	
Flexible Air Transmission Line - dielectric, 3"	\$14,750.00	\$8,838.04	N/A	\$0.00	N/A
Auxiliary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$30,975.00	\$18,182.35	N/A	\$9,344.31	N/A
Total for all systems	\$2,493,377.61	\$820,392.18	N/A	\$527,764.80	N/A

Components

Actual Information	
Description	File Name
Flexible Air Transmission Line - dielectric, 3"	<div>Component Description:Interim Transmission Line. See attached Quote for WKPT</div> <div>Amount:\$9,344.31</div>

Flexible Air Transmission Line - dielectric, 3"	<div><div><b>Component Description:</b></div><div>Primary Transmission Line. See attached Quote for WKPT</div></div> <div><div><b>Amount:</b></div><div>\$8,838.04</div></div>
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## 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
<b>Interim Tower</b>	<b>\$427,500.00</b>	<b>\$21,189.00</b>		<b>\$5,500.00</b>	
Interim Tower Analysis	<i>\$6,500.00</i>	\$6,500.00	Stainless quote	\$5,500.00	N/A
New tower	<i>\$0.00</i>	\$0.00	Existing tower is being rented for 7 months.	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$14,689.00	Stainless quote	N/A	N/A
<b>Primary Tower TOWER</b>	<b>\$1,508,933.33</b>	<b>\$458,804.43</b>		<b>\$220,578.50</b>	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$37,935.50	See estimates from Stainless, Inc. for installing antennas and line on primary and nearby rental tower for interim operation	\$9,177.30	N/A



Serious tower reinforcement /modifications	\$1,052,000.00	\$395,535.60	WKPT-TV Tower Modifications partially shared with co-owned repack station WAPK-CD	\$209,401.20	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$2,000.00	see attached estimate from Stainless, inc. 50 percent of cost split with WAPK	\$2,000.00	N/A
Tower Rental	<b>\$23,333.33</b>	\$23,333.33	\$23,333.33 for 7 months Interim Tower rent. See quote attached as WKPT Interim Tower Rent Quote.pdf	N/A	N/A
<b>Sub-total</b>	\$1,936,433.33	\$479,993.43	N/A	\$226,078.50	N/A
<b>Total for all systems</b>	\$2,493,377.61	\$820,392.18	N/A	\$527,764.80	N/A

## Components

Actual Information	
Description	File Name

Interim Tower Analysis	<div> <div> <b>Component Description:</b> 50 pct down payment for structural analysis of interim rental tower. Services have been completed. </div> <div> <b>Amount:</b> \$2,750.00 </div> </div> <div> <div> <b>Component Description:</b> 50 pct final payment for structural analysis of interim rental tower. Services have been completed. </div> <div> <b>Amount:</b> \$2,750.00 </div> </div>
New tower	Information not provided.
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<div> <div> <b>Component Description:</b> 60% Progress payment for Tower modifications and Rigging </div> <div> <b>Amount:</b> \$18,354.60 </div> </div> <div> <div> <b>Component Description:</b> 30 pct down payment of 50 pct of the total rigging and antenna and line installation cost, shared with WAPK </div> <div> <b>Amount:</b> \$9,177.30 </div> </div>

Serious tower reinforcement /modifications	<table> <tr> <td data-bbox="715 100 1021 526"><b>Component Description:</b></td><td data-bbox="1021 100 1426 526">Construction services 60% Progress payment for Tower modifications and Rigging</td></tr> <tr> <td data-bbox="715 526 1021 593"><b>Amount:</b></td><td data-bbox="1021 526 1426 593">\$139,600.80</td></tr> <tr> <td data-bbox="715 593 1021 1019"><b>Component Description:</b></td><td data-bbox="1021 593 1426 1019">30 pct down payment for 50% of the total cost of tower reinforcement modifications</td></tr> <tr> <td data-bbox="715 1019 1021 1086"><b>Amount:</b></td><td data-bbox="1021 1019 1426 1086">\$69,800.40</td></tr> </table>	<b>Component Description:</b>	Construction services 60% Progress payment for Tower modifications and Rigging	<b>Amount:</b>	\$139,600.80	<b>Component Description:</b>	30 pct down payment for 50% of the total cost of tower reinforcement modifications	<b>Amount:</b>	\$69,800.40
<b>Component Description:</b>	Construction services 60% Progress payment for Tower modifications and Rigging								
<b>Amount:</b>	\$139,600.80								
<b>Component Description:</b>	30 pct down payment for 50% of the total cost of tower reinforcement modifications								
<b>Amount:</b>	\$69,800.40								
Structural engineering tower load study for well documented tower	<table> <tr> <td data-bbox="715 896 1021 1220"><b>Component Description:</b></td><td data-bbox="1021 896 1426 1220">One half balance due for tower Structural analysis for WKPT</td></tr> <tr> <td data-bbox="715 1220 1021 1288"><b>Amount:</b></td><td data-bbox="1021 1220 1426 1288">\$1,000.00</td></tr> <tr> <td data-bbox="715 1288 1021 1585"><b>Component Description:</b></td><td data-bbox="1021 1288 1426 1585">One half down payment for tower structural analysis for WKPT</td></tr> <tr> <td data-bbox="715 1585 1021 1653"><b>Amount:</b></td><td data-bbox="1021 1585 1426 1653">\$1,000.00</td></tr> </table>	<b>Component Description:</b>	One half balance due for tower Structural analysis for WKPT	<b>Amount:</b>	\$1,000.00	<b>Component Description:</b>	One half down payment for tower structural analysis for WKPT	<b>Amount:</b>	\$1,000.00
<b>Component Description:</b>	One half balance due for tower Structural analysis for WKPT								
<b>Amount:</b>	\$1,000.00								
<b>Component Description:</b>	One half down payment for tower structural analysis for WKPT								
<b>Amount:</b>	\$1,000.00								
Tower Rental	Information not provided.								

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$37,769.00</b>	<b>\$23,535.00</b>		<b>\$13,088.75</b>	
Other Engineering Services	<i>\$10,000.00</i>	\$10,000.00	Engineering services not included in any other 399 section	\$7,688.75	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$1,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$3,000.00	N/A	\$2,800.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$2,300.00	Invoice for engineering CP application was greater than estimated	\$2,300.00	N/A

Prepare and or review reimbursement form	\$2,630.00	\$1,000.00	N/A	N/A	N/A
Project management of the transition	\$1,264.00	\$1,200.00	N/A	\$300.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$0.00	Included in CP application charges	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,535.00	N/A	\$0.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,000.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$37,769.00</b>	<b>\$23,535.00</b>	<b>N/A</b>	<b>\$13,088.75</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$2,493,377.61</b>	<b>\$820,392.18</b>	<b>N/A</b>	<b>\$527,764.80</b>	<b>N/A</b>

## Components

**Actual Information**  
**Description**

**File Name**

Other Engineering Services	<b>Component Description:</b> Design, RF calculations and amendment of 399	
	<b>Amount:</b> \$2,716.25	
	<b>Component Description:</b> RF Design for revised transition plan and 399 amendment for WKPT	
	<b>Amount:</b> \$3,437.50	
	<b>Component Description:</b> FCC application for STA to operate on Interim tower	
	<b>Amount:</b> \$1,535.00	
ASR modification (prepare FCC Form 854)	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b> Reimbursement for part of invoice covering initial CP application July 6 Form 2100  <b>Amount:</b> \$2,800.00	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b> Engineering for CP Application for WKPT  <b>Amount:</b> \$2,300.00	
Prepare and or review reimbursement form	Information not provided.	

Project management of the transition	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Prog Rept 387  3Q2018  \$150.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> FCC 387 progress  report 2Q18 WKPT  \$150.00 </div> </div>
Perform engineering study for new channel assignment and antenna development	Information not provided.
Prepare request for Special Temporary Authorization	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Prepare technical  portion of STA for  interim operation  \$1,535.00 </div> </div>
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
<b>Other Expenses</b>	<b>\$17,050.00</b>	<b>\$8,750.00</b>		<b>\$7,787.85</b>	
Equipment Delivery and Handling Charges	<i>\$3,500.00</i>	\$3,500.00	Increased to cover cost of Primary Antenna delivery	\$2,787.85	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	\$1,755.00	N/A
Develop and air announcement of upcoming channel change	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,250.00	N/A	\$3,245.00	N/A
<b>Sub-total</b>	<b>\$17,050.00</b>	<b>\$8,750.00</b>	<b>N/A</b>	<b>\$7,787.85</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$2,493,377.61</b>	<b>\$820,392.18</b>	<b>N/A</b>	<b>\$527,764.80</b>	<b>N/A</b>

### Components

#### Actual Information

Description	File Name
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Equipment Delivery and Handling Charges	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Delivery of primary antenna from manufacturer facility \$2,632.25 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> 50% of fuel for rental truck to deliver repack equipment to the site. Shared with WAPK \$28.45 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> 50% share of rental truck to deliver repack equipment to the site shared with WAPK \$127.15 </div> </div>
MVPD Notification of Channel Change	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Prepare and mail MVPD notices \$1,755.00 </div> </div>
Develop and air announcement of upcoming channel change	Information not provided.
DTV Medical Facility Notification	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Prepare and mail medical notifications \$3,245.00 </div> </div>

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,493,377.61	\$820,392.18	\$527,764.80

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	

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

<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Robert Gehman</b>  <i>Consulting Engineer</i></p> <p>11/28/2018</p>

## Attachments