



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **65696** | Service: **DTV** | Call **WBAL-TV** | Channel:  
ID: | Sign:  
**12 (High VHF)** | File **0000026833**  
Number:  
FRN: **0003792926** | Date **12/15**  
Submitted: **/2017**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>WBAL HEARST TELEVISION INC.</b> Doing Business As: WBAL HEARST TELEVISION INC.	P.O. BOX 1800 RALEIGH, NC 27602 United States	+1 (919) 839-0300	mprak@brookspierce.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	see attached document

## Transmitters

Section	Question	Response
<b>Transmitter Related Expenses</b>	Do you have transmitter related expenses?	Yes

**Auxiliary  
Transmitter****Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary transmitter
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	TTP60M
	Year	1998
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	3.5 kW

**Auxiliary  
Transmitter****New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	VAXTE-6R44
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	4.8 kW
	Justification for New Transmitter	Original transmitter manufacturer no long in business. See attached transmitter statement.

**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	Yes
	Size	2 inches
	Length	250.0 feet

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

## Auxiliary Transmitter

### Other Transmitter Cost Not Listed

Name	Description
<b>Electrical Accessories</b>	manufacturer required surge protection
<b>RF Accessories</b>	Additional RF components required for transmitter operation and integration into current RF environment.
<b>Shipping</b>	transmitter shipping
<b>Sales Tax</b>	transmitter sales tax

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	TTP60M
	Year	1998
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	3.5 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?	No
	Manufacturer	
	Model	VAXTE-6R44
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	4.8 kW
	Justification for New Transmitter	Original transmitter manufacturer no long in business. See attached transmitter statement.

**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	Yes
	Size	2 inches
	Length	250.0 feet

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

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
<b>Sales Tax</b>	transmitter sales tax
<b>RF Accessories</b>	Additional RF components required for transmitter operation and integration into current RF environment.
<b>Electrical Accessories</b>	Manufacturer required surge protection
<b>Shipping</b>	transmitter shipping



**Antennas**

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

**Auxiliary  
Antenna****Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	backup to main antenna
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	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	batwing
	ERP: (Effective Radiated Power)	12.6 kW

Manufacturer	
Model	TF4-AH
Year	1999

## Auxiliary Antenna

### New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	backup to main 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?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	4
	Lower Limit	174.00 MHz
	Upper Limit	216.00 MHz
	Design power capacity in use	70.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	12.6 kW
	Manufacturer	

Model	TLS-V4
Year	2019
Justification for New Antenna	Changing from channel 11 to 12, current antenna will not work on new channel assignment.

## Auxiliary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
<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
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**Auxiliary  
Antenna**

**Other Antenna Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Sales Tax</b>	antenna sales tax
<b>Shipping</b>	estimated antenna shipping (not quoted)
<b>Additional RF components</b>	additional RF items required for operation

## 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?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Bottom
	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)	26.6 kW

Manufacturer	
Model	TW-9B11-R (S)
Year	1999



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?	No
	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	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) .....	26.6 kW
	Manufacturer	

Model	THV-9A12 /CPR O4
Year	2019
Justification for New Antenna	Current antenna is channel specific and cannot be used on post-transition channel. Antenna must be replaced. Quotes for this and equivalent antenna attached.

## 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?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches

<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Sales Tax</b>	antenna sales tax
<b>Additional RF parts</b>	custom line section, elbows & test transition
<b>Shipping</b>	antenna shipping
<b>Feed through components</b>	REQUIRED 6-75 ELBOWS, CUT LENGTHS AND HANGERS TO ROUTE LINE FROM ANTENNA INPUT THROUGH SUPPORT STRUCTURE

**Transmission Line**

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

**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	Dielectric
	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	1250 feet per run

Primary

Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Miscellaneous TL parts	replace frequency specific components in transmission line

Auxiliary

Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	line to aux antenna
	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	Dielectric
	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	1026 feet per run

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

**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Primary  
Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	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	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1035558
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	39° 20' 05.0" N-
	Longitude (NAD83)	076° 39' 02.0" W-
	Overall Structure Height	997.36 feet
	Support Structure Height	889.10 feet
	Ground Elevation Above Mean Sea Level (AMSL)	318.24 feet

	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	Television Tower Inc
	Date Constructed	08/26/1964

**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
28637	WLIF	FM
59442	WMAR-TV	DTV
1916	WJZ-FM	FM
25455	WJZ-TV	DTV
65693	WIYY	FM
74196	WWMX	FM

**Other Types of Users**

Users
W248AO FM Txltr
W291BA FM Txltr

**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:	Major Reinforcements needed
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**Primary Tower**

**Tower Rigging Costs**

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

**Primary Tower**

**Other Tower Expenses Not Listed**

Name	Description
<b>Tower Consulting</b>	Tower consulting and tower project management

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	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	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	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	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**

Name	Description
<b>Transmitter Site Survey</b>	Transmitter planning survey & transmitter building drawings

## 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	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
<b>Other Miscellaneous Expenses</b>	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

<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 VAXTE-6R44</b>	<b>\$197,248.00</b>	<b>\$196,998.00</b>		<b>\$105,707.29</b>	
High VHF - Air Cooled Solid State Transmitter 4.8 kW	<i>\$143,391.00</i>	\$143,391.00	GatesAir quote sections A, B & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition.	\$105,707.29	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$6,500.00	\$6,250.00	N/A	N/A	N/A
Shipping	<i>\$4,500.00</i>	\$4,500.00	transmitter shipping per attached GatesAir quote	N/A	N/A
Sales Tax	<i>\$10,542.00</i>	\$10,542.00	sales tax per attached GatesAir quote	N/A	N/A
Electrical Accessories	<i>\$1,943.00</i>	\$1,943.00	Manufacturer required surge protection	N/A	N/A

RF Accessories	<b>\$30,372.00</b>	\$30,372.00	Additional RF components required for transmitter operation and integration into current RF environment.	N/A	N/A
<b>Auxiliary Transmitter VAXTE-6R44</b>	<b>\$169,859.00</b>	<b>\$169,609.00</b>		<b>\$103,112.50</b>	
High VHF - Air Cooled Solid State Transmitter 4.8 kW	<b>\$143,391.00</b>	\$143,391.00	GatesAir quote sections A, B & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition.	\$103,112.50	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$6,500.00	\$6,250.00	N/A	N/A	N/A
Sales Tax	<b>\$8,992.00</b>	\$8,992.00	transmitter sales tax per attached GatesAir quote	N/A	N/A

RF Accessories	<b>\$4,533.00</b>	\$4,533.00	Additional RF components required for transmitter operation and integration into current RF environment.	N/A	N/A
Electrical Accessories	<b>\$1,943.00</b>	\$1,943.00	Manufacturer required surge protection	N/A	N/A
Shipping	<b>\$4,500.00</b>	\$4,500.00	transmitter shipping per attached GatesAir quote	N/A	N/A
<b>Sub-total</b>	\$367,107.00	\$366,607.00	N/A	\$208,819.79	N/A
<b>Total for all systems</b>	\$1,884,006.87	\$1,812,607.87	N/A	\$429,659.87	N/A

## Components

Actual Information	
Description	File Name
High VHF - Air Cooled Solid State Transmitter 4.8 kW	<b>Component Description:</b>
	Main transmitter
	1st deposit
	<b>Amount:</b> \$17,644.67
	<b>Component Description:</b>
	Main transmitter
	2nd deposit
	<b>Amount:</b> \$88,062.62
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Shipping	Information not provided.



Sales Tax	Information not provided.
Electrical Accessories	Information not provided.
RF Accessories	Information not provided.
High VHF - Air Cooled Solid State Transmitter 4.8 kW	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Aux transmitter  1st deposit  \$15,049.88 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Aux transmitter  2nd deposit  \$88,062.62 </div> </div>
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Sales Tax	Information not provided.
RF Accessories	Information not provided.
Electrical Accessories	Information not provided.
Shipping	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
Primary Antenna THV-9A12 /CPR O4	\$385,755.00	\$379,710.00		\$144,146.25	
Sales Tax	<i>\$19,794.00</i>	\$19,794.00	estimated antenna sales tax based on Maryland state and local sales tax rate of 6%	N/A	N/A
High VHF - High Power Top Mount One Station elliptically or circularly polarized	<i>\$285,107.00</i>	\$285,107.00	antenna cost per attached Dielectric quote	\$144,146.25	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$6,585.00	see quote	\$0.00	N/A

Feed through components	<b>\$15,053.00</b>	\$15,053.00	REQUIRED 6-75 ELBOWS, CUT LENGTHS AND HANGERS TO ROUTE LINE FROM ANTENNA INPUT THROUGH SUPPORT STRUCTURE - see quote	\$0.00	N/A
Additional RF parts	<b>\$39,591.00</b>	\$39,591.00	custom line section, elbows & test transition.- lines 4-11 on Dielectric quote	\$0.00	N/A
Shipping	<b>\$7,180.00</b>	\$7,180.00	antenna shipping	\$0.00	N/A
<b>Auxiliary Antenna TLS-V4</b>	<b>\$93,798.87</b>	<b>\$76,764.87</b>		<b>\$58,877.88</b>	
Additional RF components	<b>\$9,628.87</b>	\$9,628.87	required RF components Items 4-8 on attached Dielectric quote	\$0.00	N/A
High VHF - High Power Side Mount One Station horizontally polarized	<b>\$36,560.00</b>	\$36,560.00	antenna price per attached Dielectric quote	\$58,877.88	Progress payments - accessories not itemized
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,984.00	N/A	\$0.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$7,762.00	N/A	\$0.00	N/A
Shipping	<b>\$1,693.00</b>	\$1,693.00	shipping per attached Dielectric quote	\$0.00	N/A
Sales Tax	<b>\$3,737.00</b>	\$3,737.00	estimated antenna sales tax based on Maryland state and local sales tax rate of 6%	N/A	N/A
<b>Sub-total</b>	\$479,553.87	\$456,474.87	N/A	\$203,024.13	N/A
<b>Total for all systems</b>	\$1,884,006.87	\$1,812,607.87	N/A	\$429,659.87	N/A

## Components

Actual Information	
Description	File Name
Sales Tax	Information not provided.

High VHF - High Power Top Mount One Station elliptically or circularly polarized	<p><b>Component Description:</b> Dielectric WBAL Main Antenna, progress payments 1&amp;2 - 45%. This is an upgrade. Cost difference to be adjusted in future payment.</p> <p><b>Amount:</b> \$144,146.25</p>
Sweep test of existing antenna	Information not provided.
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Feed through components	Information not provided.
Additional RF parts	Information not provided.
Shipping	Information not provided.
Additional RF components	Information not provided.
High VHF - High Power Side Mount One Station horizontally polarized	<p><b>Component Description:</b> WBAL Dielectric Auxiliary Antenna; payments 1&amp;2 - 45% 9.29.2017; \$29,438.94</p> <p><b>Amount:</b> \$29,438.94</p> <p><b>Component Description:</b> WBAL Dielectric Auxiliary Antenna; payment 3 - 45% 10.5.2017; \$29,438.94</p> <p><b>Amount:</b> \$29,438.94</p>
Sweep test of existing antenna	Information not provided.

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Shipping	Information not provided.
Sales Tax	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	\$39,591.00	\$39,591.00		\$17,815.95	
Miscellaneous TL parts	<i>\$39,591.00</i>	\$39,591.00	replace frequency specific components, add impedance matching devices and misc components	\$17,815.95	N/A
Auxiliary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$39,591.00	\$39,591.00	N/A	\$17,815.95	N/A
Total for all systems	\$1,884,006.87	\$1,812,607.87	N/A	\$429,659.87	N/A

Components

Actual Information	
Description	File Name
Miscellaneous TL parts	<div><div>Component Description:</div><div>WBAL Dielectric transmission line components; payments 1&amp;2 - 45%</div><div>Amount:</div><div>\$17,815.95</div></div>

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 GTOWER	\$857,100.00	\$814,500.00		\$0.00	
Tower Consulting	<i>\$2,500.00</i>	\$2,500.00	tower consulting - quote attached	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	N/A	N/A
Sub-total	\$857,100.00	\$814,500.00	N/A	\$0.00	N/A
Total for all systems	\$1,884,006.87	\$1,812,607.87	N/A	\$429,659.87	N/A

Components

Information not provided.



## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$84,465.00</b>	<b>\$80,850.00</b>		<b>\$0.00</b>	
Transmitter Site Survey	<i>\$20,600.00</i>	\$20,600.00	Transmitter planning survey & transmitter building drawings per attached GatesAir quote	\$0.00	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	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	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$84,465.00	\$80,850.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$1,884,006.87	\$1,812,607.87	N/A	\$429,659.87	N/A

## Components

Information not provided.

## Cost Information

### Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$56,190.00</b>	<b>\$54,585.00</b>		<b>\$0.00</b>	
DTV Medical Facility Notification	\$11,550.00	\$10,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$7,500.00</i>	\$7,500.00	need quote	N/A	N/A
Equipment Storage	<i>\$30,500.00</i>	\$30,500.00	antenna storage cost estimate see attached Dielectric document	N/A	N/A

Develop and air announcement of upcoming channel change	<b>\$2,500.00</b>	\$2,500.00	Attorney review to ensure FCC compliance	N/A	N/A
MVPD Notification of Channel Change	<b>\$2,500.00</b>	\$2,500.00	attorney assistance in coordinating MVPD notification	N/A	N/A
<b>Sub-total</b>	\$56,190.00	\$54,585.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$1,884,006.87	\$1,812,607.87	N/A	\$429,659.87	N/A

## Components

Information not provided.

**Cost  
Information****Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$1,884,006.87	\$1,812,607.87	\$429,659.87

**Reimbursement Status**

<b>Question</b>	<b>Response</b>
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>John Drain</b>  <i>Hearst  Television  SVP Chief  Financial  Officer</i></p> <p>12/15/2017</p>

## Attachments