



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **74173** | Service: **DTV** | Call **WVTM-TV** | Channel:  
 ID: | Sign:  
**7 (High VHF)** | File **0000026837**  
 Number:  
 FRN: **0023890601** | Date **09/14**  
 Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WVTM Hearst Television Inc.	150 Fayetteville Street	+1 (919) 838-0300	mprak@brookspierce.com	Corporation
Doing Business As: WVTM Hearst Television Inc.	Suite 1700 Raleigh, NC 27601 United States			

## 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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<p>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.</p>	<p>No</p>
<p>Briefly describe transition plan</p>	<p>see attached document</p>

**Transmitters**

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

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

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	backup to main 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	Platinum PTCD1OP1- i
	Year	2008
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	4 kW

**Auxiliary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	VAXTE-6R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	4.8 kW
	Justification for New Transmitter	Per original transmitter manufacturer, existing transmitter cannot be converted to post transition channel. See attached GatesAir EOL and HTV transmitter statements.

**Auxiliary  
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	Yes
	Size	3 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**

<b>Name</b>	<b>Description</b>
<b>Transmitter de-install</b>	remove current transmitter to make room for repack transmitter
<b>Electrical Accessories</b>	manufacturer required surge protection
<b>Additional RF components</b>	Additional RF components required for transmitter operation and integration into current RF environment per GatesAir quote.
<b>Shipping</b>	transmitter shipping
<b>Sales Tax</b>	transmitter sales tax

**Primary  
Transmitter****Existing Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<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	Platinum PTCD10P1- i
	Year	2008
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	4 kW

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	VAXTE-6R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	4.8 kW
	Justification for New Transmitter	Per original transmitter manufacturer, existing transmitter cannot be converted to post transition channel. See attached GatesAir EOL and HTV transmitter statements.

**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	Yes
	Size	2 inches
	Length	300.0 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**

<b>Name</b>	<b>Description</b>
<b>Electrical Accessories</b>	Manufacturer required surge protection
<b>Shipping</b>	transmitter shipping
<b>Sales Tax</b>	transmitter sales tax
<b>Additional RF components</b>	Additional RF components required for transmitter operation and integration into current RF environment per GatesAir quote.
<b>Transmitter de-install</b>	remove current transmitter to make room for repack transmitter



**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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) .....	20.0 kW

Manufacturer	
Model	THV-9A13 /VP-R-04
Year	2008

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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?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	20.0 kW
Manufacturer		

Model	THV-7A7 /VP-R 04
Year	2019
Justification for New Antenna	Current antenna is channel specific and cannot be used on post-transition channel. Antenna must be replaced.

**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	3 1/8 inches 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>Additional RF components</b>	line size and impedance matching, & custom line section required for installation
<b>Sales Tax</b>	antenna sales tax
<b>Shipping</b>	antenna shipping

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
<b>New Antenna Manufacturer and Type</b>	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	8
	Lower Limit	174.00 MHz
	Upper Limit	213.00 MHz
	Design power capacity in use	35.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	20.0 kW
	Manufacturer	
	Model	TLS-V8BB
	Year	2019

Justification for New Antenna

WVTM does not own an auxiliary antenna. Therefore, an interim antenna is required to facilitate move to post-transition channel.

**Interim Antenna**

**Other Antenna Costs**

Section	Question	Response
<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 an 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

**Interim Antenna**

**Other Antenna Cost Not Listed**

Name	Description
<b>Shipping</b>	antenna shipping
<b>Sales Tax</b>	antenna sales tax



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	Dielectric
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1180 feet per run

**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	Rigid
	Diameter	4 1/16 inches
	Segment Length	20'
	Other Segment Length	
	Number of parallel runs	1
	Length	1010 feet per run
	Justification for New Transmission Line	transmission line required to support interim antenna

**Interim Transmission Line**      **Other Transmission Line Expenses Not Listed**

Name	Description
Sales Tax	sales tax

**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
<b>Existing Tower Description</b>	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Unknown
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	Yes
	ASR Number	1036003
<b>Coordinates (NAD83 ( North American Datum of 1983))</b>	Latitude (NAD83)	33° 29' 26.0" N-
	Longitude (NAD83)	086° 47' 48.0" W-
	Overall Structure Height	1075.12 feet
	Support Structure Height	965.21 feet
	Ground Elevation Above Mean Sea Level (AMSL)	973.74 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	WVTM Hearst Television Inc.
Date Constructed	04/24/1982

**Primary  
Tower**

**Tower Modification Costs**

Section	Question	Response
<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Major Reinforcements needed

**Primary  
Tower**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
<b>Tower Consulting</b>	Consulting for tower analysis and modification

**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	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
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	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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	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

**Other Professional Services Expenses Not Listed**

**Outside Professional Services Costs**

<b>Name</b>	<b>Description</b>
<b>Non-Catalog legal expenses</b>	Non-Catalog expenses for legal advice and services, including financial/reimbursement review, transition reporting, transition procedures, and other transition-related issues
<b>Transmitter Site Survey</b>	Transmitter planning survey & transmitter building drawings
<b>Consulting-Project Management</b>	Project consulting and project management

**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)?	No
	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

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
<b>Contract Labor</b>	labor directly related to the station channel change



**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-6R37</b>	<b>\$199,912.70</b>	<b>\$199,612.70</b>		<b>\$164,740.14</b>	
Electrical Accessories	<i>\$1,942.49</i>	\$1,942.49	manufacturer required surge protection	\$1,942.49	N/A
Sales Tax	<i>\$17,370.00</i>	\$17,370.00	transmitter sales tax per attached GatesAir quote	\$15,033.28	N/A
Additional RF components	<i>\$30,812.32</i>	\$30,812.32	updated Additional RF components required for transmitter operation and integration into current RF environment per GatesAir quote.	\$20,679.06	N/A
Transmitter de-install	<i>\$7,242.84</i>	\$7,242.84	transmitter de-install per updated GatesAir quote	N/A	N/A
Shipping	<i>\$4,500.00</i>	\$4,500.00	transmitter shipping	N/A	N/A

2" Rigid Conduit and Wiring (Cost per foot)	\$7,800.00	\$7,500.00	N/A	N/A	N/A
High VHF - Air Cooled Solid State Transmitter 4.8 kW	<b>\$130,245.05</b>	\$130,245.05	updated GatesAir quote sections A, B & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition.	\$127,085.31	N/A
<b>Auxiliary Transmitter VAXTE-6R37</b>	<b>\$165,817.31</b>	<b>\$165,067.31</b>		<b>\$113,118.32</b>	
Sales Tax	<b>\$14,786.00</b>	\$14,786.00	transmitter sales tax per attached GatesAir quote	N/A	N/A
Shipping	<b>\$4,500.00</b>	\$4,500.00	shipping per GatesAir quote	N/A	N/A
Additional RF components	<b>\$6,594.44</b>	\$6,594.44	updated Additional RF components required for transmitter operation and integration into current RF environment per GatesAir quote.	N/A	N/A

Electrical Accessories	<b><i>\$1,942.49</i></b>	\$1,942.49	manufacturer required surge protection	N/A	N/A
Transmitter de-install	<b><i>\$7,242.84</i></b>	\$7,242.84	transmitter de-install per updated GatesAir quote	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$13,000.00	\$12,250.00	N/A	N/A	N/A
High VHF - Air Cooled Solid State Transmitter 4.8 kW	<b><i>\$117,751.54</i></b>	\$117,751.54	updated GatesAir quote sections A, B & E. This is the transmitter, mask filter, installation and proof per the FCC "transmitter" definition.	\$113,118.32	N/A
<b>Sub-total</b>	\$365,730.01	\$364,680.01	N/A	\$277,858.46	N/A
<b>Total for all systems</b>	\$1,820,494.49	\$1,744,593.85	N/A	\$691,563.94	N/A

## Components

Actual Information	
Description	File Name
Electrical Accessories	<p><b>Component Description:</b> WVTM main transmitter electrical acc</p> <p><b>Amount:</b> \$1,942.49</p>

Sales Tax	<p><b>Component Description:</b> WVTM main transmitter sales tax</p> <p><b>Amount:</b> \$15,033.28</p>
Additional RF components	<p><b>Component Description:</b> WVTM main transmitter RF accessories</p> <p><b>Amount:</b> \$20,679.06</p>
Transmitter de-install	Information not provided.
Shipping	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
High VHF - Air Cooled Solid State Transmitter 4.8 kW	<p><b>Component Description:</b> WVTM main transmitter prior to ship</p> <p><b>Amount:</b> \$21,578.69</p> <p><b>Component Description:</b> Main transmitter 1st deposit</p> <p><b>Amount:</b> \$17,444.00</p> <p><b>Component Description:</b> Main transmitter 2nd deposit</p> <p><b>Amount:</b> \$88,062.62</p>
Sales Tax	Information not provided.
Shipping	Information not provided.
Additional RF components	Information not provided.
Electrical Accessories	Information not provided.
Transmitter de-install	Information not provided.

3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.												
High VHF - Air Cooled Solid State Transmitter 4.8 kW	<table> <tr> <td data-bbox="710 280 1141 347"><b>Component Description:</b></td> <td data-bbox="1141 280 1428 403">WVTM auxiliary transmitter prior to ship</td> </tr> <tr> <td data-bbox="710 403 1141 459"><b>Amount:</b></td> <td data-bbox="1141 403 1428 459">\$10,206.49</td> </tr> <tr> <td data-bbox="710 548 1141 616"><b>Component Description:</b></td> <td data-bbox="1141 548 1428 627">Aux transmitter 2nd deposit</td> </tr> <tr> <td data-bbox="710 627 1141 683"><b>Amount:</b></td> <td data-bbox="1141 627 1428 683">\$88,062.62</td> </tr> <tr> <td data-bbox="710 772 1141 840"><b>Component Description:</b></td> <td data-bbox="1141 772 1428 851">Aux transmitter 1st deposit</td> </tr> <tr> <td data-bbox="710 851 1141 907"><b>Amount:</b></td> <td data-bbox="1141 851 1428 907">\$14,849.21</td> </tr> </table>	<b>Component Description:</b>	WVTM auxiliary transmitter prior to ship	<b>Amount:</b>	\$10,206.49	<b>Component Description:</b>	Aux transmitter 2nd deposit	<b>Amount:</b>	\$88,062.62	<b>Component Description:</b>	Aux transmitter 1st deposit	<b>Amount:</b>	\$14,849.21
<b>Component Description:</b>	WVTM auxiliary transmitter prior to ship												
<b>Amount:</b>	\$10,206.49												
<b>Component Description:</b>	Aux transmitter 2nd deposit												
<b>Amount:</b>	\$88,062.62												
<b>Component Description:</b>	Aux transmitter 1st deposit												
<b>Amount:</b>	\$14,849.21												

**Cost Information**

**Antennas**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Interim Antenna TLS-V8BB</b>	<b>\$109,675.00</b>	<b>\$86,195.00</b>		<b>\$71,457.30</b>	
Sales Tax	<i>\$6,798.00</i>	\$6,798.00	estimated antenna sales tax based on Alabama state and local sales tax rate of 10%	N/A	N/A
Shipping	<i>\$0.00</i>	\$0.00	antenna shipping per attached Dielectric quote	\$0.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$0.00	N/A	\$0.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A
High VHF - High Power Side Mount One Station horizontally polarized	<i>\$72,997.00</i>	\$72,997.00	antenna cost per attached Dielectric quote	\$71,457.30	N/A

<b>Primary Antenna THV-7A7 /VP-R 04</b>	<b>\$350,500.00</b>	<b>\$349,594.00</b>		<b>\$145,902.60</b>	
Shipping	<i>\$7,608.00</i>	\$7,608.00	N/A	\$0.00	N/A
Sales Tax	<i>\$29,134.00</i>	\$29,134.00	estimated antenna sales tax based on Alabama state and local sales tax rate of 10%	N/A	N/A
Additional RF components	<i>\$10,200.00</i>	\$10,200.00	additional RF components required for antenna installation	\$0.00	N/A
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	\$7,600.00	\$7,024.00	N/A	\$0.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A
High VHF - High Power Top Mount One Station elliptically or circularly polarized	<i>\$289,228.00</i>	\$289,228.00	antenna price for comparable replacement antenna per attached Dielectric quote	\$145,902.60	N/A
<b>Sub-total</b>	\$460,175.00	\$435,789.00	N/A	\$217,359.90	N/A
<b>Total for all systems</b>	\$1,820,494.49	\$1,744,593.85	N/A	\$691,563.94	N/A

## Components

Actual Information Description	File Name
Sales Tax	Information not provided.
Shipping	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Sweep test of existing antenna	Information not provided.
High VHF - High Power Side Mount One Station horizontally polarized	<p data-bbox="722 835 1369 943"><b>Component Description:</b> WVTM auxiliary antenna payment 2</p> <p data-bbox="722 954 1294 987"><b>Amount:</b> \$35,728.65</p> <p data-bbox="722 1093 1369 1240"><b>Component Description:</b> WVTM Dielectric Interim Antenna payments 1&amp;2 - 45%; \$35,728.65</p> <p data-bbox="722 1252 1294 1285"><b>Amount:</b> \$35,728.65</p>
Shipping	Information not provided.
Sales Tax	Information not provided.
Additional RF components	Information not provided.
Elbow complex, single channel, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.
Sweep test of existing antenna	Information not provided.



High VHF - High Power Top Mount One Station elliptically or circularly polarized	<b>Component Description:</b> WVTM Dielectric Main Antenna payments 1&2 - 45%: \$145,902.60 <b>Amount:</b> \$145,902.60
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**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
<b>Interim Transmission Line</b>	<b>\$154,320.00</b>	<b>\$119,896.00</b>		<b>\$98,096.40</b>	
Sales Tax	<i>\$10,900.00</i>	\$10,900.00	estimated transmission line sales tax based on Alabama state and local sales tax rate of 10%	N/A	N/A
Rigid Transmission Line - copper, 4 1/16"	\$143,420.00	\$108,996.00	N/A	\$98,096.40	N/A
<b>Primary Transmission Line</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$0.00</b>	
<b>Sub-total</b>	<b>\$154,320.00</b>	<b>\$119,896.00</b>	N/A	<b>\$98,096.40</b>	N/A
<b>Total for all systems</b>	<b>\$1,820,494.49</b>	<b>\$1,744,593.85</b>	N/A	<b>\$691,563.94</b>	N/A

**Components**

Actual Information	
Description	File Name
Sales Tax	Information not provided.

Rigid Transmission Line -  
copper, 4 1/16"

**Component Description:**

WVTM Dielectric  
Interim  
transmission line  
payments 1&2 -  
45%; \$49,048.20

**Amount:**

\$49,048.20

**Component Description:**

WVTM auxiliary  
transmission line  
payment 2

**Amount:**

\$49,048.20

**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>Primary Tower GTOWER</b>	<b>\$660,800.00</b>	<b>\$649,584.36</b>		<b>\$59,484.36</b>	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$46,584.36	additional tower studies, surveys and geotech to confirm level of tower modifications needed	\$46,584.36	N/A
Tower Consulting	<i>\$3,000.00</i>	\$3,000.00	estimated consulting fees	\$900.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	N/A	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$12,000.00	N/A
<b>Sub-total</b>	<b>\$660,800.00</b>	<b>\$649,584.36</b>	<b>N/A</b>	<b>\$59,484.36</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$1,820,494.49</b>	<b>\$1,744,593.85</b>	<b>N/A</b>	<b>\$691,563.94</b>	<b>N/A</b>

**Components**

Actual Information	
Description	File Name

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study

**Component Description:** WVTM tower site land survey  
**Amount:** \$3,524.36

**Component Description:** WVTM Tower Engineering Evaluation invoice 2  
**Amount:** \$3,875.00

**Component Description:** WVTM tower geotechnical investigation  
**Amount:** \$16,210.00

**Component Description:** WVTM tower rigorous analysis 2  
**Amount:** \$3,500.00

**Component Description:** WVTM tower engineering evaluation 1  
**Amount:** \$3,875.00

**Component Description:** WVTM Tower Mapping  
**Amount:** \$5,200.00

**Component Description:** WVTM tower rigorous analysis 1  
**Amount:** \$3,500.00

**Component Description:** WVTM tower structural analysis peer review  
**Amount:** \$6,900.00

Tower Consulting	<p><b>Component Description:</b> WVTM tower consulting Sept-Oct 2018</p> <p><b>Amount:</b> \$100.00</p> <p><b>Component Description:</b> WVTM tower consulting January 2019</p> <p><b>Amount:</b> \$400.00</p> <p><b>Component Description:</b> WVTM tower consulting May 2018</p> <p><b>Amount:</b> \$200.00</p> <p><b>Component Description:</b> WVTM tower consulting Dec 2018</p> <p><b>Amount:</b> \$200.00</p>
Tall Tower (greater than 500')	Information not provided.
Major tower reinforcement /modifications	<p><b>Component Description:</b> WVTM tower reinforcement analysis and design</p> <p><b>Amount:</b> \$10,500.00</p> <p><b>Component Description:</b> WVTM preliminary tower reinforcement analysis</p> <p><b>Amount:</b> \$1,500.00</p>

**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>\$126,570.00</b>	<b>\$123,350.00</b>		<b>\$34,555.34</b>	
Consulting-Project Management	<i>\$30,000.00</i>	\$30,000.00	estimate	\$1,862.14	N/A
Transmitter Site Survey	<i>\$20,600.00</i>	\$20,600.00	Transmitter planning survey & transmitter building drawings per attached quote	\$20,600.00	N/A
Non-Catalog legal expenses	<i>\$20,000.00</i>	\$20,000.00	Non-Catalog expenses for legal advice and services, including financial /reimbursement review, transition reporting, transition procedures, and other transition-related issues	\$5,810.21	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	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
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	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	\$1,819.02	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,425.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,288.97	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	\$1,750.00	N/A
<b>Sub-total</b>	\$126,570.00	\$123,350.00	N/A	\$34,555.34	N/A
<b>Total for all systems</b>	\$1,820,494.49	\$1,744,593.85	N/A	\$691,563.94	N/A

## Components

Actual Information	
Description	File Name

Consulting-Project Management	<p><b>Component Description:</b> WVTM Kube 1</p> <p><b>Amount:</b> \$1,862.14</p>
Transmitter Site Survey	<p><b>Component Description:</b> WVTM GatesAir transmitter site survey. PO attached to invoice. Supporting quote in Attachments.</p> <p><b>Amount:</b> \$20,600.00</p>
Non-Catalog legal expenses	<p><b>Component Description:</b> WVTM non-catalog legal 2</p> <p><b>Amount:</b> \$3,690.01</p> <p><b>Component Description:</b> WVTM non-catalog legal 1</p> <p><b>Amount:</b> \$2,120.20</p>
RF Exposure Measurements	Information not provided.
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.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.

<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p><b>Component Description:</b> WVTM Prepare and File FCC Form 2100, Construction Permit Application 2</p> <p><b>Amount:</b> \$1,054.52</p> <p><b>Component Description:</b> WVTM Prepare and File FCC Form 2100, Construction Permit Application</p> <p><b>Amount:</b> \$764.50</p>
<p>Prepare request for Special Temporary Authorization</p>	<p>Information not provided.</p>
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<p><b>Component Description:</b> WVTM CP engineering section</p> <p><b>Amount:</b> \$1,425.00</p>
<p>Prepare and or review reimbursement form</p>	<p><b>Component Description:</b> WVTM Prepare and /or review reimbursement Form 399 2</p> <p><b>Amount:</b> \$300.07</p> <p><b>Component Description:</b> WVTM Prepare and /or review reimbursement Form 399</p> <p><b>Amount:</b> \$988.90</p>
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>

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Perform engineering study  
for new channel  
assignment and antenna  
development

**Component Description:**

WVTM CP  
engineering study 2

**Amount:**

\$950.00

**Component Description:**

WVTM CP  
engineering study 1

**Amount:**

\$800.00

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**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>\$52,899.48</b>	<b>\$51,294.48</b>		<b>\$4,209.48</b>	
Contract Labor	<i>\$4,209.48</i>	\$4,209.48	accounting labor directly related to the Spectrum Repack project	\$4,209.48	N/A
MVPD Notification of Channel Change	<i>\$2,500.00</i>	\$2,500.00	Attorney assistance in coordinating MVPD notification	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$2,500.00</i>	\$2,500.00	Attorney review to ensure FCC compliance	N/A	N/A
Equipment Storage	<i>\$30,500.00</i>	\$30,500.00	Estimate for 1 year of antenna storage. See attached Dielectric document.	N/A	N/A
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
<b>Sub-total</b>	\$52,899.48	\$51,294.48	N/A	\$4,209.48	N/A
<b>Total for all systems</b>	\$1,820,494.49	\$1,744,593.85	N/A	\$691,563.94	N/A

## Components

Actual Information	
Description	File Name
Contract Labor	<p><b>Component Description:</b> WVTM accounting labor</p> <p><b>Amount:</b> \$4,209.48</p>
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
DTV Medical Facility Notification	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.

FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	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>	\$1,820,494.49	\$1,744,593.85	\$691,563.94

**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
	<p><b>Submission of Estimated Expenses Statements</b></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>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.

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.

**John Drain**  
*Hearst  
Television  
SVP Chief  
Financial  
Officer*

09/14/2019

Certification	Section	Question	Response
	<p><b>Submission of Actual Cost Documentation Statements</b></p>	<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"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

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.

**Douglas Durkee**  
*Hearst Television  
Manager of Spectrum Repack*

09/14/2019

## Attachments