



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **35908** | Service: **DTV** | Call **WVLT-TV** | Channel: **34 (UHF)** |
ID: | Sign:
File **0000028735**
Number:
FRN: **0018223693** | Date **12/29**
Submitted: **/2017**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GRAY TELEVISION LICENSEE, LLC Doing Business As: WVLT-TV	Robert Folliard 4370 Peachtree Road Atlanta, GA 30319 United States	+1 (202) 750-1585	Robert. Folliard@gray. tv	Limited Liability Company

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Samuel Hariton <i>Widely</i>	Samuel Hariton 4031 University Dr Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widely.com

**Broadcaster
Information
and
Transition
Plan**

Question		Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.		Yes
Briefly describe transition plan		The station will continue to use the existing broadband antenna and transmission line and replacing the existing transmitter with a new transmitter. Interim facilities are not needed.

Transmitters

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

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Sigma DD, 3200P2CFUPG
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 kW

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTE100
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	62.9 kW
	Justification for New Transmitter	Transmitter cannot be retuned and must be replaced.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes

	Description	The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Heating and Cooling
	Size	25 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter **Other Transmitter Cost Not Listed**
Information not provided.

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	No

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	No

Tower Equipment And Rigging Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	No

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	900
	Explanation	Strategic Support
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	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	No

	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	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	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No

	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs **Other Professional Services Expenses Not Listed**
Services not provided.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	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
Combiner	Anticipated 1/3 expense on new combiner TBD by American Tower
Security	On site security during equipment storage period
Tower Analysis	Tower Analysis required by American Tower

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE100	\$1,822,697.91	\$1,822,697.91		\$0.00	
UHF - Liquid Cooled Solid State Transmitter 62.9 kW	<i>\$1,770,014.90</i>	\$1,770,014.90	See attached GatesAir quote GA-00021597 for ULXTE-100 62.9 kW (before mask filter) solid state transmitter, cost per quote \$1,770,014.90.	N/A	N/A
Other Electrical Service: The new transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical contractors.	<i>\$21,056.01</i>	\$21,056.01	See attached Funderburk Electrical Services, Inc. quote for electrician labor on new transmitter install, cost \$11,560. See attached Graybar quotation #0227759928 for electrical panels for new transmitter install, cost \$9,496.01.	N/A	N/A

Other -- HVAC Service Type: H Size:25 (Other)	\$31,627.00	\$31,627.00	N/A	N/A	N/A
Sub-total	\$1,822,697.91	\$1,822,697.91	N/A	\$0.00	N/A
Total for all systems	\$2,297,147.54	\$2,285,426.42	N/A	\$15,299.90	N/A

Components

Information not provided.

Cost Information **Antennas**
Information not provided.

Cost Information **Transmission Line**
Information not provided.

Cost Information **Tower Equipment and Rigging Costs**
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
Outside Professional Services	\$251,380.00	\$248,346.38		\$15,299.90	
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$87,400.00	Allen Dick antenna system has no documentation, will require coverage verification for new channel.	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,458.13	State and local taxes included	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,731.25	State and Local Taxes included	N/A	N/A

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,731.25	State and local taxes included	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,647.00	State and local taxes included	\$537.50	N/A
Project management of the transition	\$142,200.00	\$135,000.00	900 hours at \$150 per hour	\$12,878.40	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,277.50	State and local taxes included	\$1,687.50	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,638.75	State and local taxes included	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,462.50	State and local taxes included	\$196.50	N/A
Sub-total	\$251,380.00	\$248,346.38	N/A	\$15,299.90	N/A
Total for all systems	\$2,297,147.54	\$2,285,426.42	N/A	\$15,299.90	N/A

Components

Actual Information	
Description	File Name
Comprehensive coverage verification via field study, if needed	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare and or review reimbursement form	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Perform engineering study for new channel assignment and antenna development	<div> Component Description: Perform engineering study for new channel assignment </div> <div> Amount: \$537.50 </div>

Project management of the transition

Component Description: Project Mgt
Amount: \$2,656.30

Component Description: Project Mgt
Amount: \$2,927.30

Component Description: Project management
Amount: \$1,328.55

Component Description: Project Mgt
Amount: \$951.45

Component Description: Project Mgt
Amount: \$28.20

Component Description: Project management
Amount: \$1,328.55

Component Description: Project Mgt
Amount: \$802.25

Component Description: Project Mgt
Amount: \$755.80

Component Description: Transition Related Project Management Costs
Amount: \$2,100.00

<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="702 174 1015 210">Component Description:</td><td data-bbox="1147 174 1353 322">support response to review of reimbursement form 399</td></tr> <tr> <td data-bbox="702 336 815 371">Amount:</td><td data-bbox="1147 336 1246 371">\$125.00</td></tr> <tr> <td data-bbox="702 474 1015 510">Component Description:</td><td data-bbox="1147 474 1318 510">CP application</td></tr> <tr> <td data-bbox="702 515 815 551">Amount:</td><td data-bbox="1147 515 1267 551">\$1,562.50</td></tr> </table>	Component Description:	support response to review of reimbursement form 399	Amount:	\$125.00	Component Description:	CP application	Amount:	\$1,562.50
Component Description:	support response to review of reimbursement form 399								
Amount:	\$125.00								
Component Description:	CP application								
Amount:	\$1,562.50								
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>								
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="702 880 1015 916">Component Description:</td><td data-bbox="1147 880 1377 992">Work on and file WVLT initial repack CP</td></tr> <tr> <td data-bbox="702 1001 815 1037">Amount:</td><td data-bbox="1147 1001 1246 1037">\$196.50</td></tr> </table>	Component Description:	Work on and file WVLT initial repack CP	Amount:	\$196.50				
Component Description:	Work on and file WVLT initial repack CP								
Amount:	\$196.50								

Cost
Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$223,069.63	\$214,382.13		\$0.00	
Equipment Storage	<i>\$12,000.00</i>	\$12,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,877.50	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)	\$40,337.00	\$40,337.00	See attached Funderburk Electrical Services, Inc. quote for transformer removal and disposal, cost \$4,912. See attached quote from Kevin Duplantis for transmitter removal and disposal, cost per quote, \$35,425.	N/A	N/A
Equipment Delivery and Handling Charges	\$18,138.00	\$18,138.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$10,000.00	\$10,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$1,200.00	\$1,200.00	N/A	N/A	N/A
Combiner	\$109,814.63	\$109,814.63	See American Tower attachment	N/A	N/A
Security	\$12,000.00	\$12,000.00	N/A	N/A	N/A

Tower Analysis	\$7,500.00	\$7,500.00	See vendor invoice	N/A	N/A
Sub-total	\$223,069.63	\$214,382.13	N/A	\$0.00	N/A
Total for all systems	\$2,297,147.54	\$2,285,426.42	N/A	\$15,299.90	N/A

Components

Information not provided.

Cost Information	Grand Total		
	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,297,147.54	\$2,285,426.42	\$15,299.90

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

Attachments