

(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 **06/27**

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GRAY TELEVISION LICENSEE, LLC	WVLT 6450 PAPERMILL DRIVE KNOXVILLE, TN 37919 United States	+1 (865) 450-8888	robert. folliard@gray. tv	Limited Liability Company

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email	
[Confidential]				

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Samuel Hariton Widelity	Samuel Hariton 4031 University Dr Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widelity.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
	Туре	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	ULXTE90
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	56.4 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
	Туре	Heating and Cooling
	Size	25 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
Improvement	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Mask Filter	Mask filter required for the new transmitter model
Freight	Freight to the station location

Installation and Proof	Installation of the new Transmitter
RF Accessories	Accessories required for new transmitter installation

Antennas

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

Transmission	Seftien .	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

Section	Question	Response
Services Costs 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	Yes

	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	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

Other Professional Services Expenses Not Listed

Services Costs	Description
Sweep Test of Existing Antenna	WVLT's share of sweep test costs during transition as part of ATC Capital Contribution. See ATC document 460204845
Sweep Test of New Primary Antenna	WVLT's share of sweep test costs post- transition as part of ATC Capital Contribution. See ATC document 460204845

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 ULXTE90	\$2,050,396.22	\$1,486,931.29		\$1,018,705.97	
RF Accessories	\$37,998.07	\$37,998.07	Please see attached Gatesair invoice JW30004400- 1	\$26,591.64	N/A
Installation and Proof	\$92,314.35	\$92,314.35	Please see attached Gatesair invoice JW30004400- 1	\$64,620.04	N/A
Freight	\$13,500.00	\$13,500.00	Please see attached Gatesair invoice JW30004400- 1	\$9,450.00	Z
Mask Filter	\$74,854.9 8	\$74,854.98	Please see attached Gatesair invoice JW30004400- 1	\$52,398.48	N/A
Other HVAC Service Type: H Size:25 (Other)	\$31,627.00	\$31,627.00	N/A	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.	\$12,101.82	\$12,101.82	Please see attached Gatesair invoice JW30004400- 1	\$8,471.27	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,224,535.07	Please see attached Gatesair invoice JW30004400- 1	\$857,174.54	N/A
Sub-total	\$2,050,396.22	\$1,486,931.29	N/A	\$1,018,705.97	N/A
Total for all systems	\$2,534,395.85	\$1,957,784.80	N/A	\$1,162,711.32	N/A

Components

Actual Information Description	File Name	
RF Accessories	Component Description: Amount:	RF Accessories \$26,591.64
Installation and Proof	Component Description: Amount:	Installation & Proof \$64,620.04

	Component Description: Amount:	Freight \$9,450.00
Mask Filter	Component Description: Amount:	Mask Filter \$52,398.48
Other HVAC Service Type: H Size:25 (Other)	Information not provided.	
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.	Component Description: Amount:	Electrical Servic \$8,471.27
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Component Description: Amount:	Transmitter \$857,174.54

Cost Antennas

Information Information not provided.

Cost Transmission Line

Information Information not provided.

Cost Tower Equipment and Rigging Costs

Information Information not provided.

Cost Outside Professional Services

Information

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 Co
Outside Professional Services	\$260,930.00	\$256,471.38		\$72,805.35	
Prepare request for Special Temporary Authorization	\$2,050.00	\$625.00	N/A	N/A	N/A
Sweep Test of New Primary Antenna	\$5,000.00	\$5,000.00	See ATC document 460204845 - WVLT's share of sweep test costs post transition as part of ATC Capital Contribution.	\$5,000.00	N/A

Sweep Test of Existing Antenna	\$2,500.00	\$2,500.00	See ATC document 460204845 - WVLT's share of sweep test costs during transition as part of ATC Capital Contribution.	\$2,500.00	N/A
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
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
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

reimbursement form Address transition timing and coordination issues w/ other stations and wireless Project management of the transition Sub-total	\$142,200.00 \$260,930.00	\$135,000.00 \$256,471.38	900 hours at \$150 per hour	\$56,551.85 \$72,805.35	N/A N/A
form Address transition timing and coordination issues w/ other stations and wireless Project management of	\$142,200.00	\$135,000.00	900 hours at	\$56,551.85	N/A
Address transition timing and coordination issues w/ other stations and			taxes included		
	\$2,630.00	\$2,731.25	State and local	\$1,332.00	N/A
Prepare and or review	\$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	\$5,537.50	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

Components

Actual Information Description	File Name
Prepare request for Special Temporary Authorization	Information not provided.

Sweep Test of New Primary Antenna	Component Description: Amount:	Sweep Test of New Primary Antenna \$5,000.00
Sweep Test of Existing Antenna	Component Description: Amount:	Sweep Test of Existing Antenna \$2,500.00
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.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Work on and file WVLT initial repack CP \$196.50
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	support response to review of reimbursement form 399
	Amount:	\$125.00
	Component Description: Amount:	CP application \$1,562.50

Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	Perform engineering study for new channel assignment \$537.50	
	Component Description: Amount:	RF Eng Study \$5,000.00	
Prepare and or review reimbursement form	Information not provided.		
Address transition timing and coordination issues w/ other stations and wireless	Component Description:	Review linked set for WVLT; work on coordination with linked group for	
	Amount:	transition logistics. \$1,332.00	
Project management of the transition	Component Description:	Project	
	Amount:	management \$2,231.90	
	Component Description: Amount:	Project Mgt \$2,927.30	
	Component Description: Amount:	Project management \$1,328.55	
	Component Description:	Project Management	
	Amount:	\$2,397.10	

Component Description: Project

Management

Amount:

\$2,694.40

Component Description:

Project Management

Amount:

\$1,984.45

Component Description:

Project

Amount:

Management \$2,034.20

Project

Component Description:

management

Amount:

\$2,442.65

Component Description:

Project

Amount:

Management \$1,818.75

Component Description:

Amount:

Project Mgt

\$802.25

Component Description:

Project

Amount:

Management

\$2,314.90

Component Description:

Project

Amount:

Management

\$2,071.40

Component Description:

Project

Amount:

Management

\$2,273.85

Component Description:

Project Management

Amount:

\$1,656.85

Component Description:

Amount:

Project Mgt

\$2,656.30

Component Description:

Project Management

Amount:

\$1,927.35

Component Description:

Project

Amount:

Management \$2,881.20

Component Description:

Project

Amount:

Management \$1,941.85

Component Description:

Project

Amount:

Management \$1,642.75

Component Description:

Amount:

Project Mgt \$28.20

Component Description:

Project

Amount:

Management \$2,777.30

Component Description:

Project

Amount:

Management \$1,835.40

Component Description:

Amount:

Project Mgt \$951.45

Component Description:

Amount:

Project Mgt

\$755.80

Component Description:

Transition Related

Project

Management Costs

Amount:

\$2,100.00

Component Description:

Project

Amount:

Management \$3,883.15

Component Description:

Project

Amount:

Management \$2,034.35

Component Description:

Project

Amount:

Management \$2,158.20

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		\$71,200.00	
Tower Analysis	\$7,500.00	\$7,500.00	See vendor invoice	N/A	N/A
Security	\$12,000.00	\$12,000.00	N/A	N/A	N/A
Combiner	\$109,814.63	\$109,814.63	See American Tower attachment	\$71,200.00	N/A
MVPD Notification of Channel Change	\$1,200.00	\$1,200.00	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
Equipment Storage	\$12,000.00	\$12,000.00	N/A	N/A	N/A

Total for all	\$2,534,395.85	\$1,957,784.80	N/A	\$1,162,711.32	N/A
systems					

Components

Actual Information Description	File Name	
Tower Analysis	Information not provided.	
Security	Information not provided.	
Combiner	Component Description: Amount:	Capital Contribution- Knoxville TN \$71,200.00
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Equipment Delivery and Handling Charges	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,534,395.85	\$1,957,784.80	\$1,162,711.32

Reimbursem	entestiatus	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

Section Question Response

Submission of Estimated Expenses Statements

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.

- 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.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

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

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Robert Folliard , III

Assistant Secretary

06/27/2019

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (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).

- 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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

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

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. Robert Folliard , III

Assistant Secretary

06/27/2019

Attachments