



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility	46727	Service:	LPT	Call	W23EU-D	Channel:	23 (UHF)
ID:		Sign:					
File	0000089900						
Number:							
FRN:	0018223693	Eligibility	Eligible	Date	11/30		
		Status:		Submitted:	/2020		

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GRAY TELEVISION LICENSEE, LLC	4370 PEACHTREE ROAD, NE ATLANTA, GA 30319 United States	+1 (404) 504-9828	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	W20CS-D is planning to purchase a new like-for-like transmitter and a like-for-like antenna. The transmission line will be reused. The existing tower will be used, with no reinforcements necessary.

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)
	Ownership	Owned
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	TTU20F /TUA100FA
	Year	1998
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	25 W

**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	UAXTE-1
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	.4 kW
	Justification for New Transmitter	Re-tuning the existing main transmitter is not an option because the unit is end-of- life and not supported by the manufacturer.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
Other Transmitter Costs	Does the transmitter installation require a Transmitter Building Site Survey /Installation?	No
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Rigid Conduit and Wiring	No

	Other Electrical Service	Yes
	Description	minor electrical service upgrade
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	Other
	Other Size	1 tons
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No

Primary Transmitter

Other Transmitter Cost Not Listed

Name		Description
Internal Transmission Line		Internal Transmission Line

Antennas

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Ownership	Owned
	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	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	ERP: (Effective Radiated Power)	0.69 kW
	Manufacturer	
	Model	AL8O-20
	Year	1999

**Primary
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Change Type	Purchase New
	Ownership	Owned
	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	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Circular
	Type	Slotted Coaxial
	ERP: (Effective Radiated Power)	0.69 kW
	Manufacturer	
	Model	AL80-23-C
	Year	2018
	Justification for New Antenna	The new antenna is required because the existing antenna was cut to frequency and cannot operate on the new channel.

**Primary
Antenna**

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	No

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

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	Move Equipment
	Tower Use	Primary (Main)
	Ownership	Owned
	Is this tower consider Complex?	No
	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	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	No
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	43° 34' 04.0" N-
	Longitude (NAD83)	073° 00' 30.0" W-
	Overall Structure Height	196.19 feet

	Support Structure Height	182.08 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1290.01 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Gray Television
	Date Constructed	06/17/2016

**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
57476	WPTZ	DTV
46728	WCAX-TV	DTV
35232	WEZF	FM
69952	WVPS	FM

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	254
	Explanation	W20CS-D requires the aid of outside project management services in order to fulfill the requirements of the repack. W20CS-D does not have sufficient resource capacity and expertise in house to handle all of the reimbursement filing, expense tracking, etc.
Outside RF consulting Engineering Services	Perform engineering study for displacement application	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
	Prepare Form 601	Yes

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
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Form 399 assistance or other program management costs	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No

Outside Professional Services Costs **Other Professional Services Expenses Not Listed**

Is this information provided.

**Other
Expenses**

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Permit and Filing Costs	FCC Construction Permit Major Change	Yes
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	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?	No
Point to Point Microwave (STL/ICR)	Frequency Coordination for Unidirection System	No
	Frequency Coordination for Bi-Direction System	No
	New Point to Point Microwave System	No

**Other
Expenses**

Other Expenses Not Listed

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
Primary Transmitter UAXTE-1	\$34,067.04	\$60,329.44		\$59,729.92	
UHF - Air Cooled Solid State Transmitter 320 - 700 Watts	\$28,100.00	\$54,362.40	see Estimated Cost Justification W20CS-D-110-Primary Transmitter - UHF Air-Cooled Solid State, 320 - 700 W v0	\$54,362.40	N/A
Other Electrical Service: minor electrical service upgrade	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Other -- HVAC Service Type: C Size: 1 (Other)	<i>\$4,995.00</i>	\$4,995.00	Excel Plumbing & Heating Quote 05032019	\$4,995.00	N/A
Internal Transmission Line	<i>\$972.04</i>	\$972.04	Please see Estimated Cost Justification W23EU-D-110-Primary Transmitter - Internal Transmission Line v0	\$372.52	N/A

Sub-total	\$34,067.04	\$60,329.44	N/A	\$59,729.92	N/A
Total for all systems	\$145,114.51	\$186,489.91	N/A	\$89,262.29	N/A

Components

Actual Information	
Description	File Name
UHF - Air Cooled Solid State Transmitter 320 - 700 Watts	<p>Component Description: Freight</p> <p>Amount: \$23.54</p> <p>Component Description: Freight</p> <p>Amount: \$3,330.05</p> <p>Component Description: UAXTE-1 - UAXTE-8</p> <p>Amount: \$9,066.16</p> <p>Component Description: UAXTE-1-P2R37 high efficiency transmitter</p> <p>Amount: \$41,942.65</p>
Other Electrical Service: minor electrical service upgrade	Information not provided.
Other -- HVAC Service Type: C Size:1 (Other)	<p>Component Description: Supply and installation</p> <p>Amount: \$4,995.00</p>

Internal Transmission Line		
	Component Description:	Additional Items
		Shipped
	Amount:	\$346.27
	Component Description:	Transmission Line
		Connectors
	Amount:	\$26.25

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 AL80-23-C	\$6,370.47	\$6,370.47		\$6,370.47	
UHF-Low Power, Side Mount, Slotted Coaxial, 0.69 kW input, Circular	<i>\$6,370.47</i>	\$6,370.47	Please see Estimate Cost Justification W23EU-D-210-Primary Antenna - UHF Low Power Side Mount, C-POL v0	\$6,370.47	N/A
Sub-total	\$6,370.47	\$6,370.47	N/A	\$6,370.47	N/A
Total for all systems	\$145,114.51	\$186,489.91	N/A	\$89,262.29	N/A

Components

Actual Information	
Description	File Name
UHF-Low Power, Side Mount, Slotted Coaxial, 0.69kW input, Circular	<div>Component Description:Low power UHF antenna</div> <div>Amount:\$6,370.47</div>

Cost Information

Transmission Line

Information not provided.

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 TOWER	\$56,190.00	\$56,190.00		\$4,400.00	
Tower Rigging Short Tower (less than 500')	\$56,190.00	\$56,190.00	N/A	\$4,400.00	N/A
Sub-total	\$56,190.00	\$56,190.00	N/A	\$4,400.00	N/A
Total for all systems	\$145,114.51	\$186,489.91	N/A	\$89,262.29	N/A

Components

Actual Information	
Description	File Name
Tower Rigging Short Tower (less than 500')	<div>Component Description:TranslatorBoardman Hillremove 20' transmit antenna</div> <div>Amount:\$4,400.00</div>

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	\$42,082.00	\$57,195.00		\$18,761.90	
Attorney Fees - Negotiation of lease and other matters for shared locations	\$3,262.50	\$3,262.50	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$1,577.50	\$1,577.50	N/A	N/A	N/A
Prepare Form 601	\$755.00	\$755.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$3,025.00	\$3,025.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,052.50	\$1,052.50	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$2,102.50	\$2,102.50	N/A	N/A	N/A
Perform engineering study for displacement application	\$1,800.00	\$1,800.00	N/A	\$1,712.50	N/A
Project management of the transition	\$26,797.00	\$41,910.00	See Widelity Strategic Support Quote	\$17,049.40	N/A
Prepare/ Review 399 reimbursement form	\$1,710.00	\$1,710.00	N/A	N/A	N/A
Sub-total	\$42,082.00	\$57,195.00	N/A	\$18,761.90	N/A
Total for all systems	\$145,114.51	\$186,489.91	N/A	\$89,262.29	N/A

Components

Actual Information	
Description	File Name
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare Form 601	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.

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	Information not provided.	
Perform engineering study for displacement application	Component Description: Amount:	Consulting Engineer \$450.00 Component Description: Develop final technical parameters for prospective displacement facility. Amount: \$737.50 Component Description: Consulting Engineer - Hourly Amount: \$525.00
Project management of the transition	Component Description: Amount:	Project Management \$20.70 Component Description: Project Management Amount: \$920.45 Component Description: Project Management Amount: \$1,655.80

Component Description:	Project Management
Amount:	\$708.25

Component Description:	Project Management
Amount:	\$3,590.35

Component Description:	Project Management
Amount:	\$516.55

Component Description:	Project Management
Amount:	\$12.40

Component Description:	Project Management
Amount:	\$25.35

Component Description:	Project Management
Amount:	\$62.45

Component Description:	Project Management
Amount:	\$1,191.30

Component Description:	Project Management
Amount:	\$18.45

Component Description:	Project Management
Amount:	\$75.15

Component Description:	Project Management
Amount:	\$114.85

Component Description:	Project Management
Amount:	\$1,753.40

Component Description:	Project Management
Amount:	\$2,381.20

Component Description:	Project Management
Amount:	\$157.20

Component Description:	Project management
Amount:	\$1,117.90

Component Description:	Cost Reconciliation
Amount:	\$27.75

Component Description:	Project Management
Amount:	\$518.70

Component Description:	Project Management
Amount:	\$25.50

Component Description:	Project Management
Amount:	\$248.90

	Component Description:	Project Management
	Amount:	\$1,258.20
	Component Description:	Project Management
	Amount:	\$648.60
Prepare/ Review 399 reimbursement form	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
Other Expenses	\$6,405.00	\$6,405.00		\$0.00	
FCC Filing Fees - Form 2100 Major change CP application	\$4,960.00	\$4,960.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,110.00	N/A	N/A	N/A
Sub-total	\$6,405.00	\$6,405.00	N/A	\$0.00	N/A
Total for all systems	\$145,114.51	\$186,489.91	N/A	\$89,262.29	N/A

Components

Information not provided.

Cost Information	Grand Total		
	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$145,114.51	\$186,489.91	\$89,262.29

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> 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.

<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>Robert Folliard , III . <i>Assistant Secretary</i></p> <p>11/30/2020</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	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).	
		<ol style="list-style-type: none"> 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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. 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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</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>Robert Folliard , III . <i>Assistant Secretary</i></p> <p>11/30/2020</p>

Attachments