

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 190915 Service: DCA Call WSVF-CD Channel:

Sign:

36 (UHF) File **0000028691**

Number:

ID:

FRN: **0018223693** Date **07/27**

Submitted: /2018

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
GRAY TELEVISION LICENSEE, LLC	50 NORTH MAIN STREET HARRISONBURG, VA 22802 United States	+1 (540) 433-9191	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 be replacing the main antenna and transmission line, retuning the main transmitter, and installing an interim transmitter while the main transmitter is being retuned.

Transmitters

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

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Retune Existing
	Use	Primary (Main)
	Ownership	Owned
	Owner	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	Harris
	Model	UAX2000
		'

Year	2013
Туре	Solid State
Solid State Cooling	Air Cooled
Solid State Power capacity	2.2 kW

Primary Transmitter

Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	Other
	Other Power	2.5 kW
New Exciter	Is a new exciter needed?	No

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	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A

	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold 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

Transmitter Information not provided.

Interim Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Lease New
	Manufacturer	
	Model	UAXT-3R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.5 kW
	Justification for New Transmitter	Renting transmitter while main is being retuned.

Interim Transmitter

Other Transmitter Costs

Service Entrance (3 phases 800A 208V) No	Section	Question	Response
Transformer (480V) Power N/A Rigid Conduit and Wiring No Size N/A Length Other Electrical Service 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? Type N/A Size Other Size N/A Does the Transmitter Building require an addition, modification or Leasehold improvement? Size N/A No No N/A	Electrical Service	Service Entrance (3 phases 800A 208V)	No
Power N/A		Switchgear (industrial 800 amp)	No
Rigid Conduit and Wiring No		Transformer (480V)	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 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? Type N/A Size N/A Other Size N/A Transmitter Building Addition/Modification or Leasehold Improvement Size N/A		Power	N/A
Length Other Electrical Service Pes Description The new transmitter will require reconfiguration of the electrical service on site. 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? Type N/A Size N/A Other Size N/A Transmitter Building Addition/Modification or Leasehold improvement Size N/A Size N/A		Rigid Conduit and Wiring	No
Other Electrical Service 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? Type N/A Size N/A Other Size N/A Transmitter Building Addition/Modification or Leasehold Improvement Size N/A		Size	N/A
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? Type N/A Size N/A Transmitter Building Addition/Modification or Leasehold Improvement Description The new transmitter require reconfiguration as electrical service on site. The electrical service on site. The electrical contractors. No N/A N/A No No N/A		Length	N/A
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?		Other Electrical Service	Yes
HVAC Service? Type N/A Size N/A Other Size N/A Transmitter Building Addition/Modification or Leasehold Improvement Size N/A Does the Transmitter Building require an addition, modification, other leashold improvement? Size N/A		Description	transmitter will require reconfiguration of the electrical service on site. The electrical work cost has been estimated based on verbal guidance from local electrical
Size N/A Other Size N/A Transmitter Building Addition/Modification or Leasehold Improvement Size N/A Does the Transmitter Building require an addition, modification, other leashold improvement? Size N/A	HVAC Service		No
Other Size N/A Transmitter Building Does the Transmitter Building require an addition/Modification or Leasehold improvement? Size N/A		Туре	N/A
Transmitter Building Addition/Modification or Leasehold Improvement Does the Transmitter Building require an addition, modification, other leashold improvement? Size N/A		Size	N/A
Addition/Modification addition, modification, other leashold improvement? Size N/A		Other Size	N/A
Size N/A	Addition/Modification or Leasehold	addition, modification, other leashold	No
Channel 14 Costs Is an RF Consulting Engineer needed? N/A	шргочешеш	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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

Interim Transmitter

Other Transmitter Cost Not Listed

Name	Description
HVAC	Additional HVAC for interim transmitter

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)
	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?	Yes
Existing Antenna	Class	Class A
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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)	13.0 kW

Manufacturer	
Model	AL80-43 (Single Channel with Broadband Nulling System)
Year	2013

Primary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	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?	Yes
New Antenna	Class	Class A
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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)	13.0 kW
	Manufacturer	
	Model	AL80-36

Year	2012
Justification for New Antenna	Current Antenna cannot be retuned.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
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

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

Primary Transmission

Add 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 this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Andrew
	Туре	Flexible Foam
	Diameter	7/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	164 feet per run

Other Transmission Line Expenses Not Listed

Primary

Transmission loinetion not provided.

Primary Transmissi

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	Manufacturer	Andrew
Line Manufacturer and Type	Туре	Flexible Foam
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	164 feet per run

Other Transmission Line Expenses Not Listed **Primary**

Transmission ioinetion not provided.

Interim Transmission

New Transmission Line

n Line Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Туре	Flexible Foam
	Diameter	1 5/8 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	2
	Length	164 feet per run
	Justification for New Transmission Line	Required for the new channel 36 antenna while the channel 43 antenna is broadcasting.

Interim Other Transmission Line Expenses Not Listed Transmission Line tion not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	No
	Others Types of Users	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure	Do you have a tower registration number?	No
Registration	ASR Number	
Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	38° 23' 34.4" N-
1983))	Longitude (NAD83)	078° 46' 12.0" W-
	Overall Structure Height	80.00 feet
	Support Structure Height	80.00 feet
	Ground Elevation Above Mean Sea Level (AMSL)	2921.20 fee

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Rockingham County, VA
Date Constructed	01/01/1979

Other Types of Users

Users
misc unlicensed
Emergency Radio
WVIR TV Trans

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Name	Description
Moving Equipment	Removing main antenna, installing a new antenna

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	712
	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	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	5
	Justification	Yes. NRAO Compliance

Outside
Other Professional Services Expenses Not Listed
Professional Services (Costsided).

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	Yes
	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)?	No
	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 Not Listed

Expenses Information not provided.

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
Interim Transmitter UAXT-3R37	\$136,000.00	\$57,664.00		\$0.00	
HVAC	\$5,000.00	\$5,000.00	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.	\$5,000.00	\$5,000.00	N/A	N/A	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$47,664.00	Rental while the transmitter is being retuned	N/A	N/A
Primary Transmitter UAX2000	\$110,556.70	\$17,556.60		\$0.00	
Other 2.5 kW mask filter	\$5,356.70	\$5,356.70	See attached GatesAir quote GA- 00022587	N/A	N/A

UHF and VHF - minor banding issues	\$105,200.00	\$12,199.90	N/A	N/A	N/A
Sub-total	\$246,556.70	\$75,220.60	N/A	\$0.00	N/A
Total for all systems	\$1,083,584.70	\$515,584.60	N/A	\$29,415.25	N/A

Components

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 AL80-36	\$26,300.00	\$3,840.00		\$0.00	
UHF - Lower Power Side Mount, Class A One Station antenna basic	\$26,300.00	\$3,840.00	N/A	N/A	N/A
Sub-total	\$26,300.00	\$3,840.00	N/A	\$0.00	N/A
Total for all systems	\$1,083,584.70	\$515,584.60	N/A	\$29,415.25	N/A

Components

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
Interim Transmission Line	\$7,872.00	\$7,544.00		\$0.00	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$7,872.00	\$7,544.00	N/A	N/A	N/A
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$7,872.00	\$7,544.00	N/A	\$0.00	N/A
Total for all systems	\$1,083,584.70	\$515,584.60	N/A	\$29,415.25	N/A

Components

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 Primary Tower TOWER	Predetermined Cost Estimate \$618,160.00	Estimated Cost \$262,960.00	Estimated Cost Justification	Actual Cost \$0.00	Actual Cost Justification
Moving Equipment	\$26,560.00	\$26,560.00	See attached Shenandoah Tower quote B17-1358	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$6,400.00	N/A	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$80,000.00	Short tower with candelabra on top	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Sub-total	\$618,160.00	\$262,960.00	N/A	\$0.00	N/A
Total for all systems	\$1,083,584.70	\$515,584.60	N/A	\$29,415.25	N/A

Components

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	\$152,416.00	\$142,550.00		\$29,415.25	
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$2,000.00	N/A	N/A	N/A
Project management of the transition	\$112,496.00	\$106,800.00	N/A	\$24,931.25	N/A
Additional Field Engineering Service, 5 Days	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$196.50	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$3,262.50	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,025.00	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 request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
Sub-total	\$152,416.00	\$142,550.00	N/A	\$29,415.25	N/A
Total for all systems	\$1,083,584.70	\$515,584.60	N/A	\$29,415.25	N/A

Components

30mponomo		
Actual Information Description	File Name	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
Project management of the transition	Component Description: Amount:	Project Management \$988.95
	Component Description: Amount:	Project Management \$1,698.10
	Component Description: Amount:	Project Management \$1,743.75
	Component Description: Amount:	Project Management \$1,938.10

Component Description: Project

management \$2,614,40

Amount: \$2,614.40

Component Description: Project

Management

Amount: \$733.30

Component Description: Project

Management

Amount: \$2,262.90

Component Description: Transition Related

Project

Management Costs

Amount: \$1,500.00

Component Description: Project

Management

Amount: \$28.20

Component Description: Project

Management

Amount: \$2,176.30

Component Description: Project

management

Amount: \$2,692.65

Component Description: Project

Management

Amount: \$2,017.75

Component Description: Project

Management

Amount: \$1,328.55

	Component Description: Amount:	Project Management \$2,406.05
	Component Description: Amount:	Project Management \$1,958.85
	Component Description: Amount:	Project Management \$802.25
Additional Field Engineering Service, 5 Days	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Professional services: complete and file Repack Application for WSVF-CD \$196.50
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	Component Description: Amount:	Perform engineering study for new channel assignment \$325.00

Component Description: Review

correspondence re:

predicted

interference to 11 GHz microwave system from Rural

Broadband application, facilitate interference analysis, discuss with counsel, assist

with prep of objections.

Amount: \$687.50

Component Description: Engineering for

statement of

consent application /new channel study

Amount: \$1,562.50

Component Description: Respond to query

from NRAO Quiet Zone interference office for add'l detail of 11.4 kW 90 day facility. On receipt from NRAO,

prepare

amendment to pending 90 day FCC CP application.

Amount: \$437.50

Component Description: Perform

engineering study for new channel assignment

Amount: \$250.00

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Perform engineering and develop exhibits for CP application
	Amount:	\$1,025.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	

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	\$32,280.00	\$23,470.00		\$0.00	
DTV Medical Facility Notification	\$11,550.00	\$2,755.00	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
Non-zoning permits	\$6,000.00	\$6,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Equipment Storage	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$3,000.00	\$3,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$1,200.00	\$1,200.00	N/A	N/A	N/A

Sub-total	\$32,280.00	\$23,470.00	N/A	\$0.00	N/A
Total for all systems	\$1,083,584.70	\$515,584.60	N/A	\$29,415.25	N/A

Components

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,083,584.70	\$515,584.60	\$29,415.25

Reimburseme	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 Assistant Secretary

07/27/2018

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 Assistant Secretary

07/27/2018

Attachments