

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility 41674 Service: DTX Call WNDU-TV Channel: 27 (UHF)

ID:

Sign:

04/01

File **0000028730** 

Number:

FRN: **0018223693** Date

Submitted: /2019

# Applicant Information

#### **Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
GRAY TELEVISION LICENSEE, LLC	Robert Folliard 4370 Peachtree Road Atlanta, GA 30319 United States	+1 (202) 750-1585	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.	No
Briefly describe transition plan	The station is replacing both the main and aux antenna systems, transmission lines, and transmitters with new hardware.

#### **Transmitters**

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

# Auxiliary Transmitter

# **Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Backup
	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	
Manufacturer and Type	Model	DCX Gen 1
	Year	1998
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	44 kW

# Auxiliary Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	HPTV- PARLX-U32
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	55 kW
	Justification for New Transmitter	Current Comark DCX Gen 1 from 1998 is not compatible with repack channel 27 and no available parts due to being discontinued

# Auxiliary 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 was 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	Cooling Only
	Size	10 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

# Auxiliary Transmitter

#### **Other Transmitter Cost Not Listed**

Name	Description
Internal RF System	A new internal RF System is necessary for this Auxiliary Transmitter.

# 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	
Manufacturer and Type	Model	DCX Generation
	Year	1998
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	49 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	HPTV- PARLX-U32
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	55 kW
	Justification for New Transmitter	Per manufacturer Current Comark DCX Gen 1 from 1998 is not compatible with repack channel 27 and no available parts due to being discontinued

# 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 was 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?	No
	Туре	N/A
	Size	N/A
	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
Transmitter Remote	Remote controls for transmitter
Site Survey	Basic site survey by GatesAir
Ice shield	Fencing extension for Interim heat exchanger
Renovation	Necessary interior wall work for transmitter building

#### **Antennas**

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

#### **Existing Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Backup
	Ownership	Owned
	Owner	N/A
	Site	N/A
	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?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	32
	Design power capacity in use	100.0 %
	Lower Limit	638.00 MHz
	Upper Limit	644.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	631.0 kW

Manufacturer	
Model	TUP-04-8-1
Year	1995

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Backup
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Broadband Panel
	Number of Stations Supported	1
	Number of Panels/Bays	32
	Lower Limit	548.00 MHz
	Upper Limit	644.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	573.0 kW
	Manufacturer	

Model	TUA-04-8 /32-H-K-1
Year	2017
Justification for New Antenna	Current Dielectric broadband antenna is discontinued and no longer supported starting in 1997-1998

#### **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?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	6 1/8 inches inches
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?	Yes
------------	--	-----

#### **Other Antenna Cost Not Listed**

Name	Description
Top Plate Adapter	Adapter for top of tower to match the bolt pattern of the 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?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Other
	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	Travelling Wave Slot
	ERP: (Effective Radiated Power)	800.0 kW

Manufacturer	
Model	ATW33H3- ETO-42H
Year	2012

#### **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?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Other
	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	Travelling Wave Slot
	ERP: (Effective Radiated Power)	650.0 kW
	Manufacturer	

Model	TFU-31ETT /VP-R 04
Year	2017
Justification for New Antenna	Current ERI antenna single channel on Ch 42, not compatible with repack Ch 27

#### **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?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
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?	Yes
------------	--	-----

#### **Other Antenna Cost Not Listed**

Name	Description
Top Plate Adapter	Adapter for the top of the tower to match the bolt pattern of the new antenna

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

# Auxiliary Transmission Line

#### **Existing Transmission Line**

on Line Settion	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Backup
	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	
Line Manufacturer and Type	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1040 feet per run

# Auxiliary Transmis

#### **New Transmission Line**

ansmissio	n Line Section	Question	Response
New Transmission Line Costs		Use	Auxiliary (Backup)
		Description of Use	Backup
		Change Type	Purchase New
		Is this a request for upgraded equipment?	No
		Туре	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
		Segment Length	Broadband
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1040 feet per run
		Justification for New Transmission Line	Current 19.5' sections are not compatible with Ch 27

Other Transmission Line Expenses Not Listed Auxiliary Other Transmission
Transmission to inetion not provided.

# Primary Transmission Line

#### **Existing Transmission Line**

n Line Settion	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	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	
Line Manufacturer and Type	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1035 feet per run

# Primary Transmi

#### **New Transmission Line**

smissioi	n Line Section	Question	Response
	New Transmission Line Costs	Use	Primary (Main)
		Description of Use	N/A
		Change Type	Purchase New
		Is this a request for upgraded equipment?	No
		Туре	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1035 feet per run
		Justification for New Transmission Line	Current 19.5' sections are not compatible with Ch 27

Other Transmission Line Expenses Not Listed Primary
Transmission bination 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

# Auxiliary Tower

# **Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Backup Tower
	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	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1027597
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	41° 36′ 19.2″ N-
	Longitude (NAD83)	086° 12' 45.0" W-
	Overall Structure Height	877.94 feet
	Support Structure Height	839.88 feet

Ground Elevation Above Mean Sea Level (AMSL)	845.13 feet
Structure Type	NTOWER - Multiple Structures
Tower Owner	Gray Television Group, Inc.
Date Constructed	06/15/2006

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
41675	WNDV-FM	FM
70459	WSND-FM	FM

#### **Other Types of Users**

Users	
Amatuer Radio	

#### Auxiliary 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:	Serious Reinforcements needed

#### Auxiliary Tower

#### **Tower Rigging Costs**

Response

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

# Auxiliary Tower

# Other Tower Expenses Not Listed

Name	Description
Corrosion analysis and ultrasound measurements	Corrosion analysis and ultrasound measurements of lower 480 feet of auxiliary tower
Level 1 Foundation study	Level 1 Foundation study

# 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	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	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1027596
Coordinates (NAD83 ( North American Datum of	Latitude (NAD83)	41° 36′ 20.0" N-
1983))	Longitude (NAD83)	086° 12' 46.0" W-
	Overall Structure Height	1007.86 feet
	Support Structure Height	946.84 feet
	Ground Elevation Above Mean Sea Level (AMSL)	845.13 feet
	Structure Type	NTOWER - Multiple Structures
	Tower Owner	Gray Television Group, Inc.

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
41675	WNDV-FM	FM

#### **Other Types of Users**

Users	
ATF	
FBI	

#### 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:	Serious Reinforcements needed

#### 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

Name	Description
Name	Description

Level II Corrosion Risk Assessment	Level II Corrosion Risk Assessment
Level I Corrosion Risk Assessment	Level I Corrosion Risk Assessment

#### 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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	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	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes

Prepare request for Special Temporary Authority	No
Quantity	N/A
NEPA Section 106 environmental review	Yes
Environmental Assessment	Yes
ASR Modification	Yes
FAA Consultation (including preparation of FAA Form 7460)	Yes
Negotiation of Lease and other Matter for Shared Locations	No
Prepare or Review FCC Form 399 for Reimbursement	Yes
Address transition timing and coordination issues w/ other stations and wireless providers	Yes
Comprehensive coverage verification via field study	No
RF exposure measurements	Yes
Additional Field Engineering Service	No
Number of Days	N/A
Justification	N/A
	Authority  Quantity  NEPA Section 106 environmental review  Environmental Assessment  ASR Modification  FAA Consultation (including preparation of FAA Form 7460)  Negotiation of Lease and other Matter for Shared Locations  Prepare or Review FCC Form 399 for Reimbursement  Address transition timing and coordination issues w/ other stations and wireless providers  Comprehensive coverage verification via field study  RF exposure measurements  Additional Field Engineering Service  Number of Days

Outside
Professional Services Expenses Not Listed
Professional Services © Opstsided.

# Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	Yes
	Is Remediation needed?	Yes
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 Not Listed

**Expenses** Information not provided.

### **Transmitters**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co Justificati
Primary Transmitter HPTV-PARLX- U32	\$1,887,343.29	\$1,332,775.29		\$525,328.43	
Renovation	\$16,050.00	\$16,050.00	N/A	\$11,716.50	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,233,432.00	Comark quote P#4034WNDU- PARLX- 170530	\$466,197.88	N/A
Transmitter Remote	\$2,990.65	\$2,990.65	N/A	\$0.00	N/A
Site Survey	\$15,287.30	\$15,287.30	See attached Comark invoices	\$15,287.30	N/A
Ice shield	\$2,634.34	\$2,634.34	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.	\$62,381.00	\$62,381.00	N/A	\$32,126.75	N/A

Auxiliary Transmitter HPTV-PARLX- U32	\$1,968,900.00	\$1,524,994.00		\$1,220,114.33	
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,372,044.00	Comark quote P#4034WNDU- DCXP2- 170530 Comark quote P#4034WNDU- PARLX- 170530	\$1,220,114.33	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.	\$2,000.00	\$2,000.00	N/A	N/A	N/A
10 Ton system	\$38,900.00	\$10,950.00	See quote from Ideal Consolidated Inc. for 10 ton system	N/A	N/A
Internal RF System	\$140,000.00	\$140,000.00	N/A	N/A	N/A
Sub-total	\$3,856,243.29	\$2,857,769.29	N/A	\$1,745,442.76	N/A
Total for all systems	\$7,845,930.29	\$6,450,141.88	N/A	\$2,752,228.92	N/A

Actual Information Description	File Name	
Renovation	Component Description:  Amount:	Trane/American Standard Cooling Units \$11,716.50
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Component Description: Amount:	System, WNDU U32 D27 PH2 \$466,197.88
Transmitter Remote	Component Description: Amount:	Remote control New 1st Primary Transmitter \$2,842.77
Site Survey	Component Description: Amount:	Site Survey \$7,980.00
	Component Description: Amount:	Basic Site Survey \$7,307.30
Ice shield	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:	Add 1200A neutral per Quote #S21-1018 \$25,813.75
electrical contractors.	Component Description: Amount:	Run code compliant power \$6,313.00

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Component Description:	306 Commercial Chain Link \$875.99
	Amount:	<b>Ф</b> 07 <b>3</b> .99
	Component Description:	New Auxiliary
	Amount:	Transmitter \$476,989.97
	Component Description:	System, WNDU
	Amount:	U32 D42 PH1 \$742,248.37
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	Information not provided.	
electrical contractors.  10 Ton system	Information not provided.	
Internal RF System	Information not provided.	

#### **Antennas**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU-31ETT /VP-R 04	\$313,550.00	\$313,688.00		\$145,424.38	
Top Plate Adapter	\$19,520.00	\$19,520.00	N/A	\$10,736.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$12,768.00	JEHQ1248- 02	\$7,022.40	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,520.00	N/A
UHF - High Power Top Mount One Station antenna elliptically or circularly polarized	\$275,000.00	\$275,000.00	Catalog Cost	\$124,145.98	N/A
Auxiliary Antenna TUA-04-8 /32-H-K-1	\$329,450.00	\$194,513.44		\$127,338.01	

UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized	\$289,500.00	\$155,825.44	N/A	\$96,387.61	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,120.00	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$12,768.00	N/A	\$10,214.40	N/A
Top Plate Adapter	\$19,520.00	\$19,520.00	N/A	\$15,616.00	N/A
Sub-total	\$643,000.00	\$508,201.44	N/A	\$272,762.39	N/A
Total for all systems	\$7,845,930.29	\$6,450,141.88	N/A	\$2,752,228.92	N/A

<b>Actual Information</b>		
Description	File Name	

Top Plate Adapter		
	Component Description:	Top plate
		adapter, New Primary Antenna
	Amount:	\$5,856.00
	Component Description:	Top Plate
		Adapter New
	Amount:	Primary Antenna \$4,880.00
Elbow complex, single		
channel, at antenna input, per 6 1/8. feedline (if needed)	Component Description:	Elbow Complex
per o 170. reedime (ii rieeded)		New Primary
	A	Antenna
	Amount:	\$3,192.00
	Component Description:	Elbow complex,
		New Primary
	Amount:	Antenna
	Amount:	\$3,830.40
Sweep test of existing antenna		
	Component Description:	Sweep test, New
	Amount:	Primary Antenna \$1,920.00
	Amount	ψ1,520.00
	Component Description:	Sweep Test New
	Amount	Primary Antenna
	Amount:	\$1,600.00

UHF - High Power Top Mount One Station antenna **UHF- High Power Component Description:** elliptically or circularly Top Mount (200polarized 1000KW) \$56,429.99 Amount: **UHF-High Power Component Description:** Top Mount (200-1000KW) Amount: \$67,715.99 UHF - High Power Top Mount (200-1000 kW), One **Component Description: UHF** Broadband station antenna, elliptically Panel Top mount or circularly polarized Aux/Interim TV Antenna Amount: \$36,145.35 **Component Description: New Auxiliary** Antenna Amount: \$30,121.13 **Component Description: New Auxiliary** Antenna Amount: \$30,121.13

Sweep test of existing antenna		
antonna	Component Description:	Sweep Test
		Auxiliary/Interim
	Amount:	Antenna \$1,920.00
	Amount:	\$1,920.00
	Component Description:	Auxiliary/Interim
		Antenna Sweep
		Test
	Amount:	\$1,600.00
	Component Description:	Auxiliary/Interim
		Antenna Sweep
		Test
	Amount:	\$1,600.00
Elbow complex, broadband, at antenna input, per 6 1/8.		
feedline (if needed)	Component Description:	Auxiliary/Interim
( )		Antenna - Elbow
	Amazzata	Complex
	Amount:	\$3,192.00
	Component Description:	Auxiliary/Interim
		Antenna Elbow
		Complex
	Amount:	\$3,830.40
	Component Description:	Auxiliary/Interim
		Antenna - Elbow
		Complex

Component Description:	Auxiliary/Interin Antenna Top
	Plate Adapter
Amount:	\$5,856.00
Component Description:	Auxiliary/Interim
	Antenna Top
	Plate Adapter
Amount:	\$4,880.00
Component Description:	Auxiliary/Interim
	Antenna Top
	Plate Adapter
Amount:	\$4,880.00

#### **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
Primary Transmission Line	\$209,070.00	\$152,101.30		\$83,655.69	
Rigid Transmission Line - copper, 6 1/8"	\$209,070.00	\$152,101.30	N/A	\$83,655.69	N/A
Auxiliary Transmission Line	\$241,280.00	\$190,905.35		\$151,763.50	
Rigid Transmission Line - copper, 6 1 /8" broadband	\$241,280.00	\$190,905.35	N/A	\$151,763.50	N/A
Sub-total	\$450,350.00	\$343,006.65	N/A	\$235,419.19	N/A
Total for all systems	\$7,845,930.29	\$6,450,141.88	N/A	\$2,752,228.92	N/A

Actual Information Description	File Name	
Rigid Transmission Line - copper, 6 1/8"	Component Description: Amount:	New Primary Transmission Line \$45,630.38
	Component Description: Amount:	New Primary Transmission Line \$38,025.31

Rigid Transmission Line - copper, 6 1/8" broadband

Component Description: Auxiliary/Interim

Transmission Line

**Amount:** \$47,426.09

Component Description: Interim

Transmission Line

**Amount:** \$56,911.32

Component Description: Auxiliary/Interim

Transmission Line

**Amount:** \$47,426.09

### **Tower Equipment and Rigging Costs**

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower NTOWER	\$1,280,600.00	\$1,214,087.50		\$97,721.25	
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,000,000.00	N/A	\$86,383.75	N/A
Level II Corrosion Risk Assessment	\$4,750.00	\$4,750.00	N/A	\$2,750.00	N/A
Level I Corrosion Risk Assessment	\$750.00	\$750.00	N/A	N/A	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$8,587.50	N/A	\$8,587.50	N/A
Auxiliary Tower NTOWER	\$1,281,650.00	\$1,214,250.00		\$309,581.25	
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	\$180,500.00	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,000,000.00	N/A	\$115,581.25	N/A

Level 1	\$750.00	\$750.00	N/A	\$0.00	N/A
Foundation study					
Corrosion analysis and ultrasound measurements	\$5,800.00	\$5,800.00	See attached invoice and purchase order 072617TD	\$5,800.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$7,700.00	Additional official stamped tower analysis required because of the addition of radomes to aux antenna, radomes required to reduce wind loading and meet tower loading.	\$7,700.00	N/A
Sub-total	\$2,562,250.00	\$2,428,337.50	N/A	\$407,302.50	N/A
Total for all systems	\$7,845,930.29	\$6,450,141.88	N/A	\$2,752,228.92	N/A

<b>Actual Information</b>	
Description	File Name

### Serious tower reinforcement /modifications

Component Description: Perform sub-

surface soil evaluation on

towers -Mobilization

**Amount:** \$5,696.50

Component Description: 75% costs of

Tower

Reinforcement /Modification on 945ft Tower (Primary)

**Amount:** \$56,283.94

Component Description: Perform sub-

surface soil evaluation on

towers - Laboratory

Services

**Amount:** \$2,892.00

**Component Description:** Tower

reinforcement & design drawings Existing Primary

Tower

**Amount:** \$2,750.00

**Component Description:** Tower

reinforcement.
/ModificationsPrimary Tower

**Amount:** \$18,761.31

Level II Corrosion Risk Assessment	Component Description:	Corrosion inspection and Ultrasound
	Amount:	measurements \$2,750.00
Level I Corrosion Risk Assessment	Information not provided.	
Tall Tower (greater than 500')	Information not provided.	
Structural engineering tower load study for well documented tower	Component Description:	Structural Engineering Tower Load study
	Amount:	\$1,000.00
	Component Description:	Structural Engineering Tower Load study -
	Amount:	Primary Tower \$5,450.00
	Component Description:	Take measurements for
		tower modifications and record elevations
	Amount:	\$2,137.50

T 11 T		
Tall Tower (greater than 500')		
,	Component Description:	Aux TWR Rigging,
		Antenna &
		Complete Feedline Removal
	Amount:	\$133,000.00
	Amount:	\$133,000.00
	Component Description:	AUX TWR Rigging,
	Component Besonption.	Antenna &
		Complete feedline
		removal
	Amount:	\$47,500.00
Serious tower reinforcement	t.	
/modifications	Component Description:	75% costs Tower
		Reinforcement
		/Modification on
		840ft Tower
		(Auxiliary)
	Amount:	\$79,771.50
	Component Description:	Tower
	Component Description.	reinforcement &
		design drawings
		Existing Auxiliary
		Tower
	Amount:	\$2,750.00
	Amount.	Ψ2,7 00.00
	Component Description:	Tower Resocket on
		Level 6 B&C
		anchor points
		Auxiliary Tower
	Amount:	\$6,469.25
	Component Description:	Tower
	2	Reinforcement
		/Modification of
	Amount:	\$26,590.50
Level 1 Foundation study	Information not provided	
Level 1 Foundation study	Information not provided.	
Level 1 Foundation study	Amount:  Information not provided.	Auxiliary Tower

Corrosion analysis and		
ultrasound measurements	Component Description:	Corrosion
		inspection and
		Ultrasound
		measurements -
		Primary Tower
	Amount:	\$2,900.00
	Component Description:	Corrosion
		inspection and
		Ultrasound
		measurements of
		tower legs in
		preparation for
		design and
		application of
		reinforcing required
		for re-pack tower
		modifications.
	Amount:	\$2,900.00
Structural engineering tower load study for well		
documented tower	Component Description:	Structural Analysis
accumentou tower	Amount:	\$2,250.00
	Component Description:	Structural Analysis
		of Auxiliary Tower
	Amount:	\$5,450.00

### **Outside Professional Services**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$221,265.00	\$209,250.00		\$74,185.10	
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	\$325.00	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	\$1,327.50	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
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	\$2,875.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,625.00	N/A

Prepare request for Special Temporary Authorization  Project management of the transition	\$4,100.00 \$142,200.00	\$3,000.00 \$135,000.00	N/A	N/A \$67,036.10	N/A
Prepare request for Special Temporary	\$4,100.00	\$3,000.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	\$800.00	N/A

Total for all	\$7,845,930.29	\$6,450,141.88	N/A	\$2,752,228.92	N/A
svstems					

•		
Actual Information Description	File Name	
RF Exposure Measurements	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Component Description: Amount:	Provide response to FAA project status request \$325.00
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.	
NEPA Section 106 environmental review, if needed	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Component Description: Amount:	Professional Services \$1,327.50
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Complete and file repack CP application \$196.50
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:	Perform engineering study for new channel assignment
	Amount:	\$1,950.00
	Component Description:	Engineering Study for New Channel Assignment
	Amount:	\$800.00
	Component Description:	Review technical details of alternate antenna proposal from RFS regarding top-
	Amount:	mount on repack Ch-27. \$125.00
Prepare engineering section of FCC Form 2100 (main),	Component Description:	FCC CP
Application	Amount:	application \$1,625.00
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit	Component Description:	Develop final technical parameters for
Application	Amount:	auxiliary antenna \$800.00
ASR modification (prepare FCC Form 854)	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	
Project management of the		
transition	Component Description:	Project
	Component Description.	Management
	Amount:	\$28.20
		·
	Component Description:	Project
		management
	Amount:	\$2,817.65
	Component Description:	Project
		Management
	Amount:	\$3,593.55
	Component Description:	Project
		Management
	Amount:	\$3,129.40
	Component Description:	Project
		Management
	Amount:	\$4,083.75
	Component Description:	Project
		Management
	Amount:	\$4,104.40
	Component Description:	Project
		Management
	Amount:	\$2,813.80

**Component Description:** 

Amount:

Project

Management \$2,876.70

**Component Description:** 

Project management

Amount:

\$2,471.90

**Component Description:** 

Project

Amount:

Management \$3,558.10

**Component Description:** 

Project

Amount:

Management \$3,495.95

**Component Description:** 

Project

Amount:

Management

\$755.80

**Component Description:** 

**Project** 

Amount:

Management \$3,645.85

**Component Description:** 

Project

Amount:

Management \$2,725.85

**Component Description:** 

**Project** 

Amount:

Management \$2,411.25

**Component Description:** 

Project

Amount:

Management \$2,403.10

**Component Description:** 

**Project** Management

Amount:

\$2,668.05

**Component Description:** 

**Project** 

Amount:

Management \$1,813.95

**Component Description:** 

**Project** 

Amount:

Management \$2,471.50

**Project** 

**Component Description:** 

Management

Amount:

\$3,752.30

**Component Description:** 

Transition Related

**Project** 

Management

Costs

Amount:

\$4,050.00

**Component Description:** 

**Project** 

Management

Amount:

\$2,547.60

**Component Description:** 

**Project** 

Amount:

Management

\$802.25

**Component Description:** 

**Project** 

Amount:

Amount:

Management

\$2,461.65

**Component Description:** 

**Project** 

managment

\$1,553.55

### **Other Expenses**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos
Other Expenses	\$112,822.00	\$103,577.00		\$17,116.98	
MVPD Notification of Channel Change	\$1,500.00	\$1,500.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$11,500.00	\$11,500.00	N/A	N/A	N/A
Equipment Storage	\$6,140.00	\$6,140.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$8,929.00	\$8,929.00	N/A	\$3,125.15	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$43,733.00	\$43,733.00	See attached Comark quote P#4034WNDU- PARLX- 170530 for disposal costs for existing main and auxiliary transmitters See attached TecServ quote for removal & disposal of transmitter coolant	\$10,000.20	N/A

Total for all systems	\$7,845,930.29	\$6,450,141.88	N/A	\$2,752,228.92	N/A
Sub-total	\$112,822.00	\$103,577.00	N/A	\$17,116.98	N/A
			primary tower @ \$3,500 per study.		
			the auxiliary tower and the		
Impact study			each tower,		
AM Pattern Disturbance	\$7,890.00	\$7,000.00	A study will be require for	\$3,991.63	N/A
2100 license to cover application					
FCC Filing Fees - Form	\$335.00	\$325.00	N/A	N/A	N/A
Facility Notification	ψ11,550.00	ψτ,200.00	IVA	INA	14/7
DTV Medical	\$11,550.00	\$4,260.00	N/A	N/A	N/A
AM Pattern Disturbance Remedy	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Temporary Authorization request					
FCC Filing Fees - Special	\$195.00	\$190.00	N/A	N/A	N/A

Actual Information Description	File Name
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.

Handling Charges	Component Description:	Equipment Delivery and Handling Charges
	Amount:	\$3,125.15
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description:	Disposal Costs (for equipment and other waste, net of any salvage value)
	Amount:	\$10,000.20
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
AM Pattern Disturbance Remedy	Information not provided.	
DTV Medical Facility Notification	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
AM Pattern Disturbance		
Impact study	Component Description:	As part of the construction Permit for WNDU
	Amount:	\$1,846.32
	Component Description:	Check phase monitor and power, measure
		the daytime MP's, measure the nighttime MP's,

### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$7,845,930.29	\$6,450,141.88	\$2,752,228.92

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. Roberrt J. Folliard , III

Assistant Secretary

04/01/2019

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 J. Folliard , III

Assistant Secretary

04/01/2019

#### **Attachments**