

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

72145 Service: DTV Channel: 42 (UHF) Facility Call WHDH Sign:

ID:

File 0000027185

Number:

FRN: 0003613825 Date 08/04

> Submitted: /2017

#### **Applicant** Information

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

Applicant	Address	Phone	Email	Applicant Type
WHDH-TV Doing Business As: WHDH-TV	Paul Magnes GOVERNMENT CENTER 7 BULFINCH PLACE BOSTON, MA 02114 United States	+1 (617) 725-0710	pmagnes@whdh.com	Trust

# 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** 

The Preparer is same as the reimbursement contact.

**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	Install interim antenna/transmission line. Broadcast on interim antenna while tower structural work is completed. Install new (upgrade) Solid State Transmitter. Go on air with new Transmitter and main antenna during testing window.

# **Transmitters**

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

# Primary Transmitter

# **Existing Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	DCX Paragon
	Year	2009
	Туре	Inductive Output Tube
	IOT Power Type	Three
	Power Capacity	75 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	ULTE 90
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	53 kW
	Justification for New Transmitter	Unlike with WHDH's existing Comark IOT Transmitter, the requested transmitter will permit WHDH to remain on air at full power during the transition

# 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 Electrician materials and labor to install
Size N/A  Length N/A  Other Electrical Service Yes  Description Electrician materials and labor to
Length N/A  Other Electrical Service Yes  Description Electrician materials and labor to
Other Electrical Service  Pescription  Electrician materials and labor to
Description Electrician materials and labor to
materials and labor to
transmitter
HVAC Service Does the replacement transmitter require Yes HVAC Service?
Type Cooling Only
Size 15 tons
Other Size N/A
Transmitter Building Addition/Modification or Leasehold Improvement  Does the Transmitter Building require an addition, modification, other leashold 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
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# Primary Transmitter

# **Other Transmitter Cost Not Listed**

Name	Description
System Design, Site Survey	Transmitter installation site survey

#### **Antennas**

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

# **Add 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 this antenna currently shared with any other stations?	No
	Is this antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Middle
	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)	1000.0 kW

Manufacturer	
Model	TFU- 24GBH-R 06
Year	1998

# **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?	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	Тор
	Polarization	Elliptical
	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)	1000.0 kW
	Manufacturer	

Model	TFU-28JTH /VP-R 06
Year	2017
Justification for New Antenna	Current Main antenna cannot be retuned to new frequency

#### **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	8 3/16 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
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# **Other Antenna Cost Not Listed**

Name	Description
Bottom Support Pole	Approximate 50' support pole and wedding cake adapter to support main antenna to maintain overall structure height
Feed Through Components	6-1/8" 75 OHM elbows, cut lengths, hangers, and transition to 8-3/16" 75 OHM to extend antenna input through support pole into tower top

## Interim Antenna

# **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	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 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/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)	1000.0 kW
	Manufacturer	
	Model	TFU-16WB
	Year	2017

Justification for New Antenna	Interim
	Antenna
	allows
	station to
	broadcast
	during
	replacement
	of Main
	antenna and
	during major
	tower
	structural
	modifications

# Interim Antenna

#### **Other Antenna Costs**

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	В
	Feed Line Size	6 1/8 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
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

## Interim Antenna

**Other Antenna Cost Not Listed** 

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

# 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	8 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1045 feet per run

# Primary Transmi

# **New Transmission Line**

ansmissio	n Settion	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	8 3/16 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1085 feet per
		Justification for New Transmission Line	Current Transmission line will not work on new Frequency

Primary Other Transmission Line Expenses Not Listed

Transmission loine tion not provided.

# Interim

# **New Transmission Line**

Transmissio	n Line Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Rigid
		Diameter	6 1/8 inches
		Segment Length	20'
		Other Segment Length	
		Number of parallel runs	1
		Length	910 feet per run
	Justification for New Transmission Line	To feed Interim Antenna required for transition	

Interim Other Transmission Line Expenses Not Listed

**Transmission**nioinetion 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	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1005862
Coordinates (NAD83 ( North American Datum of	Latitude (NAD83)	42° 18' 41.0" N-
1983))	Longitude (NAD83)	071° 12' 58.0" W-
	Overall Structure Height	1062.30 fe
	Support Structure Height	1009.50 fe
	Ground Elevation Above Mean Sea Level (AMSL)	108.60 fee

Structure Type	other -
Tower Owner	WHDH TV
Date Constructed	04/20/1962

# 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

# Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	760
	Explanation	Internal project management. 760 hours anticipated
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	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 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	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	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside
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)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
	Does this relocation require Equipment Storage?	No
	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.

# **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 ULTE 90	\$1,945,600.00	\$1,809,691.00		\$0.00	
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,654,891.00	N/A	N/A	N/A
Other Electrical Service: Electrician materials and labor to install transmitter	\$86,500.00	\$86,500.00	N/A	N/A	N/A
15 Ton system	\$55,800.00	\$53,000.00	N/A	N/A	N/A
System Design, Site Survey	\$15,300.00	\$15,300.00	N/A	N/A	N/A
Sub-total	\$1,945,600.00	\$1,809,691.00	N/A	\$0.00	N/A
Total for all systems	\$4,723,940.00	\$4,300,902.39	N/A	\$0.00	N/A

# Components

# **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
Interim Antenna TFU-16WB	\$155,300.00	\$152,888.00		\$0.00	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, horizontally polarized	\$111,720.00	\$111,720.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$12,768.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
Primary Antenna TFU- 28JTH/VP-R 06	\$490,740.00	\$406,184.80		\$0.00	
Feed Through Components	\$22,300.00	\$22,300.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 8 3 /16. feedline (if needed)	\$15,250.00	\$14,488.00	N/A	N/A	N/A

UHF - High Power Top Mount (200- 1000 kW), One station antenna , elliptically or circularly polarized         \$289,500.00         \$206,036.80         N/A         N/A         N/A         N/A           Sweep test of existing antenna         \$6,730.00         \$6,400.00         N/A         N/A         N/A           Bottom Support Pole         \$156,960.00         \$156,960.00         N/A         N/A         N/A           Sub-total         \$646,040.00         \$559,072.80         N/A         \$0.00         N/A           Total for all systems         \$4,723,940.00         \$4,300,902.39         N/A         \$0.00         N/A						
existing antenna         Bottom Support Pole       \$156,960.00       \$156,960.00       N/A       N/A       N/A       N/A         Sub-total       \$646,040.00       \$559,072.80       N/A       \$0.00       N/A         Total for all       \$4,723,940.00       \$4,300,902.39       N/A       \$0.00       N/A	Power Top Mount (200- 1000 kW), One station antenna , elliptically or circularly	\$289,500.00	\$206,036.80	N/A	N/A	N/A
Sub-total         \$646,040.00         \$559,072.80         N/A         \$0.00         N/A           Total for all         \$4,723,940.00         \$4,300,902.39         N/A         \$0.00         N/A	·	\$6,730.00	\$6,400.00	N/A	N/A	N/A
<b>Total for all</b> \$4,723,940.00 \$4,300,902.39 N/A \$0.00 N/A		\$156,960.00	\$156,960.00	N/A	N/A	N/A
	Sub-total	\$646,040.00	\$559,072.80	N/A	\$0.00	N/A
		\$4,723,940.00	\$4,300,902.39	N/A	\$0.00	N/A

# Components

# **Cost** Information

#### **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	\$183,820.00	\$171,706.40		\$0.00	
Rigid Transmission Line - copper, 6 1/8"	\$183,820.00	\$171,706.40	N/A	N/A	N/A
Primary Transmission Line	\$376,495.00	\$265,167.19		\$0.00	
Rigid Transmission Line - copper, 8 3/16"	\$376,495.00	\$265,167.19	N/A	N/A	N/A
Sub-total	\$560,315.00	\$436,873.59	N/A	\$0.00	N/A
Total for all systems	\$4,723,940.00	\$4,300,902.39	N/A	\$0.00	N/A

# Components

# **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 other	\$1,275,100.00	\$1,212,500.00		\$0.00	
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	N/A	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$1,000,000.00	N/A	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,500.00	Complex self supporting tower. Structural analysis came in higher than \$12,000.00	\$0.00	N/A
Sub-total	\$1,275,100.00	\$1,212,500.00	N/A	\$0.00	N/A
Total for all systems	\$4,723,940.00	\$4,300,902.39	N/A	\$0.00	N/A

# Components

# **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 Outside Professional Services	Predetermined Cost Estimate \$261,305.00	Estimated Cost \$247,750.00	Estimated Cost Justification	Actual Cost \$0.00	Actual Cost Justification
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	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	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	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

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
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	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	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
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File	\$3,680.00	\$3,500.00	N/A	N/A	N/A

engineering study for new channel assignment and antenna development  Prepare and or \$2,630.00 \$2,500.00 N/A review reimbursement form  Project \$120,080.00 \$114,000.00 N/A management of the transition  Sub-total \$261,305.00 \$247,750.00 N/A						
review reimbursement form  Project \$120,080.00 \$114,000.00 N/A management of the transition  Sub-total \$261,305.00 \$247,750.00 N/A Total for all \$4,723,940.00 \$4,300,902.39 N/A	d	\$7,360.00	\$7,000.00	N/A	N/A	N/A
management of the transition  Sub-total \$261,305.00 \$247,750.00 N/A  Total for all \$4,723,940.00 \$4,300,902.39 N/A		\$2,630.00	\$2,500.00	N/A	N/A	N/A
<b>Total for all</b> \$4,723,940.00 \$4,300,902.39 N/A	of	\$120,080.00	\$114,000.00	N/A	N/A	N/A
		\$261,305.00	\$247,750.00	N/A	\$0.00	N/A
-		\$4,723,940.00	\$4,300,902.39	N/A	\$0.00	N/A

# Components

# **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	\$35,580.00	\$35,015.00		\$0.00	
MVPD Notification of Channel Change	\$3,500.00	\$3,500.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Non-zoning permits	\$5,000.00	\$5,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	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
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
Sub-total	\$35,580.00	\$35,015.00	N/A	\$0.00	N/A
Total for all systems	\$4,723,940.00	\$4,300,902.39	N/A	\$0.00	N/A

# Components

# Cost Information

# **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,723,940.00	\$4,300,902.39	\$0.00

Reimbursem	envestiatus	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. James
Edmund
Shultis
Director of
Engineering

08/04/2017

#### **Attachments**