

(REFERENCE COPY - Not for submission)

## FCC Form 399: Reimbursement Request

Facility 74112 Service: DTV Call WTOG Channel: 19 (UHF)

Sign:

File **0000027117** 

Number:

ID:

FRN: **0028930774** 

Date **06/13** 

Submitted: /2019

# Applicant Information

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

Applicant	Address	Phone	Email	Applicant Type
CBS OPERATIONS INC.  Doing Business As: CBS  OPERATIONS INC.	Daniel G. Ryson 1725 DESALES ST NW SUITE 501 WASHINGTON, DC 20036 United States	+1 (202) 457-4505	dryson@cbs. com	Corporation

# 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
Daniel G Ryson CBS	Daniel G. Ryson 1725 DeSales Street NW Suite 501 Washington, DC 20036 United States	+1 (202) 457-4074	dryson@cbs.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	Temporarily move to an interim site with a broadband antenna. Install a broadband transmitter capable of operating on pre and post transition channels for use when present site is rebuilt with new antenna, transmission line, and transmitter equipment.

#### **Transmitters**

Section	Question	Response
Transmitter Relate 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	
Manufacturer and Type	Model	DCX
	Year	2001
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 kW

## Primary Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	ULXTED-80
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	50.6 kW
	Justification for New Transmitter	Comark will not re-tune any IOT transmitter (see Attachment 1). Proposed "upgraded" transmitter (see Attachment 15) costs more than "non- upgraded" transmitter (see Attachment 3) which is basis for reimbursement.

#### Primary Transmitter

#### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes

Power   500 kVA		Power	500 kVA
Size 2 inches  Length 200.0 feet  Other Electrical Service Yes  Description 100 linear feet of 4-inch conduit.  HVAC Service Does the replacement transmitter require HVAC Service?  Type Cooling Only  Size 15 tons  Other Size N/A  Transmitter Building Addition/Modification or Leasehold Improvement  Size 3200.0 square feet  Channel 14 Costs Is a channel 14 Mask Filer needed? N/A			
Length Other Electrical Service Pessoription Description 100 linear feet of 4-inch conduit.  HVAC Service Does the replacement transmitter require HVAC Service? Type Cooling Only Size 15 tons Other Size N/A  Transmitter Building Addition/Modification or Leasehold Improvement Size Size Size Size Size Other Size N/A  Ves  Channel 14 Costs Is an RF Consulting Engineer needed? N/A  N/A		Rigid Conduit and Wiring	Yes
Other Electrical Service  Pescription  100 linear feet of 4-inch conduit.  HVAC Service  Does the replacement transmitter require HVAC Service?  Type  Cooling Only  Size  15 tons  Other Size  N/A  Transmitter Building Addition/Modification or Leasehold Improvement  Size  Channel 14 Costs  Is an RF Consulting Engineer needed?  N/A  N/A		Size	2 inches
Description    Description   100 linear feet of 4-inch conduit.		Length	200.0 feet
HVAC Service  Does the replacement transmitter require HVAC Service?  Type  Cooling Only  Size  Other Size  N/A  Transmitter Building Addition/Modification or Leasehold Improvement  Size  Size  Size  Size  Addition, modification, other leashold improvement?  Size  Size  Size  Size  Size  Size  Size  Auguare feet  Channel 14 Costs  Is an RF Consulting Engineer needed?  N/A		Other Electrical Service	Yes
HVAC Service?  Type  Cooling Only  Size  Other Size  N/A  Transmitter Building Addition/Modification or Leasehold Improvement  Does the Transmitter Building require an addition, modification, other leashold improvement?  Size  3200.0 square feet  Channel 14 Costs  Is an RF Consulting Engineer needed?  N/A  Is a channel 14 Mask Filer needed?  N/A		Description	feet of 4- inch
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 3200.0 square feet  Channel 14 Costs Is an RF Consulting Engineer needed? N/A  Is a channel 14 Mask Filer needed? N/A			Yes
Other Size  Transmitter Building Addition/Modification or Leasehold Improvement  Does the Transmitter Building require an addition, modification, other leashold improvement?  Size  3200.0 square feet  Channel 14 Costs  Is an RF Consulting Engineer needed?  N/A  Is a channel 14 Mask Filer needed?  N/A		Туре	_
Transmitter Building Addition/Modification or Leasehold Improvement  Size  Siz		Size	15 tons
Addition/Modification or Leasehold Improvement  Size  Size  Size  3200.0 square feet  Channel 14 Costs  Is an RF Consulting Engineer needed?  N/A  Is a channel 14 Mask Filer needed?  N/A		Other Size	N/A
Channel 14 Costs  Is an RF Consulting Engineer needed?  N/A  Is a channel 14 Mask Filer needed?  N/A	Addition/Modification or	addition, modification, other leashold	Yes
Is a channel 14 Mask Filer needed?  N/A		Size	
	Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
Is additional field engineering time 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		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	Purchase
	Manufacturer	
	Model	ULXTE-60
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	30 kW
	Justification for New Transmitter	Interim transmitter and site required while main tower is reinforced and main site is rebuilt. Broadband PAs specified. See Statement 2.

#### Interim Transmitter

#### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA

	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	Yes
	Description	Prepare electrical engineering drawings for work required at Interim Site. Install electrical wiring for transmitter, racks, etc.
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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	Yes

# Interim

**Other Transmitter Cost Not Listed** 

**Transmitter** Information not provided.

#### **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	Auxiliary (Backup)
	Description of Use	Emergency Only
	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	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	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)	298.0 kW

Manufacturer	
Model	SW-16
Year	1988

#### **New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Auxiliary (Post Transition)
	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	Side Mount
	Antenna position in stack	Not in Stack
	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)	298.0 kW
	Manufacturer	

Model	TFU- 24DSC-R O4
Year	2019
Justification for New Antenna	Existing auxiliary antenna is narrowband and not suitable for use on channel 19.

#### **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?	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	Yes
	transmission line and antenna?	

**Other Antenna Cost Not Listed** 

Information not provided.

#### **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	Bottom
	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)	550.0 kW

Manufacturer	
Model	TFU-30E
Year	1987

#### **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	Not in Stack
	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)	700.0 kW
	Manufacturer	

Model	TFU-27ETT /VP-R O6
Year	2019
Justification for New Antenna	Present owned antenna is narrowband and will not work on post- transition channel.

#### **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
Mounting Adapter	Five foot Mounting Adapter allows antenna to mount onto tower top plate.

#### Interim Antenna

#### **New Antenna Costs**

escription of Use nange Type  vnership  vner  antenna shared?  antenna directional?	Interim  N/A  Rent Temporary  Leased  Florida West Coast Public Broadcasting, Inc.  No
nange Type  vnership  vner  antenna shared?	Rent Temporary  Leased  Florida West Coast Public Broadcasting, Inc.  No
vnership vner antenna shared?	Temporary  Leased  Florida West Coast Public Broadcasting, Inc.  No
vner antenna shared?	Florida West Coast Public Broadcasting, Inc.
antenna shared?	Coast Public Broadcasting, Inc.
antenna directional?	No
Il antenna be located on or in close oximity to an antenna farm?	No
ass	Full Power
ounting	Top Mount
itenna position in stack	Bottom
olarization	Horizontal
ре	Broadband Panel
umber of Stations Supported	1
ımber of Panels/Bays	12
wer Limit	470.00 MHz
pper Limit	713.00 MHz
esign power capacity in use	0.0 %
her Antenna Type	N/A
RP: (Effective Radiated Power)	417.0 kW
anufacturer	
	eximity to an antenna farm?  eass  counting  tenna position in stack  clarization  pe  comber of Stations Supported  comber of Panels/Bays  cover Limit  coper Limit  coper Limit  coper Antenna Type  RP: (Effective Radiated Power)

Model	TUP-05-12- 60-1
Year	2006
Justification for New Antenna	Renting Existing Antenna.

#### Interim Antenna

#### **Other Antenna Costs**

Section	Question	Response
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 an 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

#### Interim Antenna

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

Name	Description
Test Adapter	Test adapter for detailed measurement of interim antenna and line.

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

Auxiliary	Add Transmission Line		
Transmissio	n Line Section	Question	Response
	Existing Transmission Line Description	Type of change	Purchase New
		Use	Auxiliary (Backup)
		Description of Use	Backup
		Ownership	Owned
		Owner	N/A
Existing Transmission Line Manufacturer and Type		Site	N/A
		Is this transmission currently shared with any other stations?	No
		Is Transmission Line in operating condition?	Yes
		Manufacturer	
		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	1000 feet per run	

#### New Transmission Line

#### Auxiliary Transmiss

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	8 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1000 feet per run
	Justification for New Transmission Line	Please see Statement 2.

Other Transmission Line Expenses Not Listed

Auxiliary Other Transmission
Transmission Loine tion not provided.

# Primary Transmission Line

#### **Existing Transmission Line**

on Line Section	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	Waveguide
	Diameter	N/A
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1492 feet per run

#### **New Transmission Line**

Primary	New Transmission Line			
Transmissio	on 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	8 3/16 inches	
		Other Diameter	N/A	
		Segment Length	20 inches	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	1540 feet per run	
		Justification for New Transmission Line	Present waveguide will not work on post- transition channel and must be removed to reduce tower windloading. (Line Length reduced from 1600 to 1540 feet after 3/2019 site survey)	

#### Other Transmission Line Expenses Not Listed

Primary
Transmission of 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	100 feet per run
		Justification for New Transmission Line	Required for interconnect to interim antenna.

Interim Other Transmission Line Expenses Not Listed

Transmission loine 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

#### Auxiliary Tower

#### **Add Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Interim
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1211242
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	27° 50' 51.5" N-
	Longitude (NAD83)	082° 15' 49.4" W-
	Overall Structure Height	1571.83 feet
	Support Structure Height	1451.10 feet
	Ground Elevation Above Mean Sea Level (AMSL)	76.11 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Florida West Coast Public Broadcasting, Inc.
Date Constructed	12/07/1999

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
21808	WEDU	DTV

#### Auxiliary Tower

#### **Tower Modification Costs**

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	No study needed
Tower Reinforcements	Please select whether tower reinforcements are needed:	No reinforcements needed

#### Auxiliary Tower

#### **Tower Rigging Costs**

Section	Question	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
Rent	Monthly Rental Fee for existing Tower, Antenna, Line, and Transmitter Room.

### Primary Tower

#### **Add 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?	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?	Unknown
	Is tower compliant with Rev G?	No
Existing Tower	Do you have a tower registration number?	Yes
Structure Registration	ASR Number	1030952
Coordinates (NAD83 ( North American Datum	Latitude (NAD83)	27° 49' 47.1" N-
of 1983))	Longitude (NAD83)	082° 15' 58.3" W-
	Overall Structure Height	1574.13 feet
	Support Structure Height	1451.75 feet
	Ground Elevation Above Mean Sea Level (AMSL)	74.80 feet
	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	American Towers LLC
	Date Constructed	02/01/2018

#### Primary Tower

#### **Tower Modification Costs**

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major 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
Tower Permit Packages	Construction drawings for tower, ground and building. Required for local permits.

#### Outside Professional

Section	Question	Response
I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	250
	Explanation	Company lacks sufficient internal resources.
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	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	No
Services	For Auxiliary Facility	N/A
	For Main Facility	N/A
	Prepare and file Form FCC License to Cover Application	No

	For Auxiliary Facility	N/A
	For Main Facility	N/A
	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)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	No
	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	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	Yes
	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?	Yes
	Does this relocation require Equipment Storage?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	No
	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 Cost Justification
Interim Transmitter ULXTE-60	\$1,129,250.00	\$1,139,082.22		\$685,468.47	
Other Electrical Service: Prepare electrical engineering drawings for work required at Interim Site. Install electrical wiring for transmitter, racks, etc.	\$4,000.00	\$4,000.00	See Attachment 50 for electrical engineering drawings necessary to seek bids for actual wiring. We will update the estimated cost with a quote once available.	\$4,000.00	N/A
UHF inside RF system including switching	\$147,500.00	\$143,500.00	Includes Attachment 21 Item C. There will also be some labor involved to install switching and transmission line.	\$41,065.29	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	N/A	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$977,574.60	Includes Attachment 21 Items A,B, E and change orders shown in Attachment 22. Does not include RF Accessories, Step-Down transformer, and shipping shown elsewhere.	\$633,859.80	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$9,007.62	See Attachment 21, Item D	\$6,543.38	N/A
Primary Transmitter ULXTED-80	\$1,645,510.00	\$1,566,190.00		\$430,923.86	
Other Building Addition Size: 3200.0	\$91,200.00	\$91,200.00	2 story building with tiltup walls to match existing broadcast facility. Includes galvanized stairs, steel doors, and concrete block walls for separate tenant suites. See Attachments 5 and 6.	N/A	N/A
15 Ton system	\$55,800.00	\$42,400.00	See Attachment 5.	N/A	N/A

Other Electrical	\$3,840.00	\$3,840.00	100' L/F of 4" conduit and	N/A	N/A
Service:			larger		
100 linear			conductor to		
feet of 4-			adequately		
nch conduit.			bring an		
			additional 500		
			KVA power		
			needed for the		
			new		
			transmitters,		
			HVAC, Air		
			handlers, and		
			house power.		
			See		
			Attachment 5.		
2" Rigid	\$5,200.00	\$2,000.00	This cost	N/A	N/A
Conduit and			includes 200 L		
Wiring			/F of 2" conduit		
(Cost per			and conductor		
foot)			to adequately		
			supply the		
			HVAC,		
			Airhandlers and		
			House power.		
			The existing		
			power supply is		
			inadequate for		
			the additional		
			power		
			demands of the		
			new repack		
			equipment. See		
			Attachment 5.		
Transformer	\$48,400.00	\$18,400.00	Install 500 KVA	N/A	N/A
3 phase			transformer to		
/480v - 500			support		
KVA			transmitter,		
			heat		
			exchangers		
			and other		
			equipment on		
			the new repack		
			frequency into		
			the broadband		
			antenna. See		

Switchgear - industrial 800 amp	\$38,200.00	\$14,400.00	New Switchgear required accommodating additional repack equipment. This switch is used with the addition of the 500 KVA transformer installation. This space does lacks required power for multiple transmitters. See Attachment 6.	N/A	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$5,480.00	Pro rata cost. See Attachment 5.	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 50.6 kW	\$1,388,470.00	\$1,388,470.00	See Statement 2A and Attachment 3. Comparable IOT pricing is less expensive than solid state transmitter being proposed.	\$430,923.86	N/A
Sub-total	\$2,774,760.00	\$2,705,272.22	N/A	\$1,116,392.33	N/A
Total for all systems	\$5,853,724.11	\$4,703,388.83	N/A	\$1,438,613.48	N/A

Actual Information	
Description	File Name

engineering drawings for work required at Interim Site. Install electrical wiring for transmitter, racks, etc.	Component Description:	Invoice is for Electrical Engineering drawings at the WTOG Interim site.
	Amount:	\$4,000.00
UHF inside RF system		
including switching	Component Description:	Invoice is for transmitter down payment originally based on Attachment 21 items A, B, C, D, E. The portion shown here is the split appropriate for item C only.
	Amount:	\$20,952.66
	Component Description:	Invoice is for transmitter down payment originally based on
		Attachment 21 items A, B, C, D, E. The portion shown here is the split appropriate
		for item C only.

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW

Component Description: Invoice is for

transmitter down payment originally

based on

Attachment 21 items A, B, C, D, E. The portion shown here is the split appropriate

for items A&B

only.

**Amount:** \$310,446.81

Component Description: Invoice is for

transmitter down payment originally

based on

Attachment 21 items A, B, C, D, E. The portion shown here is the split appropriate for items A&B

only.

**Amount:** \$323,412.99

Transformer 3 phase/480v - 150 KVA		
	Component Description:  Amount:	Invoice is for transmitter down payment originally based on Attachment 21 items A, B, C, D, E. The portion shown here is the split appropriate for items D only. \$3,204.76
	Component Description:  Amount:	Invoice is for transmitter down payment originally based on Attachment 21 items A, B, C, D, E. The portion shown here is the split appropriate for items D only. (Fractional cent rounded up to assure split cost equals total invoice.) \$3,338.62
=	Information not provided.	
Size: 3200.0	Information not provided.  Information not provided.	
Size: 3200.0  15 Ton system  Other Electrical Service: 100		
Size: 3200.0  15 Ton system  Other Electrical Service: 100 linear feet of 4-inch conduit.  2" Rigid Conduit and Wiring	Information not provided.	
Other Building Addition Size: 3200.0  15 Ton system  Other Electrical Service: 100 linear feet of 4-inch conduit.  2" Rigid Conduit and Wiring (Cost per foot)  Transformer 3 phase/480v - 500 KVA	Information not provided.  Information not provided.	

Service entrance 3 phase /800 amp/208 volt	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 50.6 kW	Component Description:	Invoice is for main
		transmitter down
		payment originally
		based on
		Attachment 2,
		which has since
		been superseded
		by Attachment 2A.
		See Statement 2.
	Amount:	\$430,923.86

#### **Antennas**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TUP-05-12- 60-1	\$374,144.11	\$11,099.11		\$11,099.11	
Test Adapter	\$4,914.11	\$4,914.11	See Attachment 30 for quote. Also Includes shipping shown in invoice 237003, Attachment 33B.	\$4,914.11	Includes shipping.
Interim antenna rental and installation - Cost will depend on antenna size and height and /or complexity of tower.	\$115,500.00	\$0.00	Antenna Rental Cost included in Tower Rent.	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,185.00	Please see estimates in Attachment 34 (preliminary measurement) and Attachment 36 (final measurement).	\$6,185.00	N/A

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$0.00	Renting an existing but unused antenna.	N/A	N/A
Primary Antenna TFU-27ETT /VP-R O6	\$323,090.00	\$228,388.00		\$109,385.10	
Mounting Adapter	\$11,610.00	\$11,610.00	Please see the Statement in Attachment 42 for information regarding a Change Order impacting this cost category.	\$11,610.00	N/A
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	\$15,250.00	\$13,583.00	See Attachment 13 Line Item 3	\$6,112.35	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See Attachment 13 - Line item 24	\$2,880.00	N/A

UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized	\$289,500.00	\$196,795.00	See Attachment 13 Line 1 minus \$29,175 for non- reimbursable V-Pol contribution and \$500 for a portion of the Mounting Adapter change order. Please see Attachment 42 for more information.	\$88,782.75	N/A
Auxiliary Antenna TFU- 24DSC-R O4	\$269,180.00	\$144,575.00		\$3,275.00	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$16,425.00	See Attachment 16 Line Item 3. This is for the comparable Dielectric TFU- 16DSC-R O4 antenna, not the upgraded Dielectric TFU- 24DSC-R O4 antenna (Attachment 19) that we're	N/A	N/A

Elbow					
	\$12,300.00	\$9,150.00	See	N/A	N/A
complex,			Attachment 16		
single			Line Item 4.		
channel, at			This is for the		
antenna			comparable		
input, per 6			Dielectric TFU-		
1/8.			16DSC-R O4		
feedline (if			antenna, not		
needed)			the upgraded		
			Dielectric TFU-		
			24DSC-R O4		
			antenna		
			(Attachment		
			19) that we're		
			installing.		
Sweep test	\$6,730.00	\$3,275.00	Auxiliary and	\$3,275.00	N/A
of existing			Interim		
antenna			antenna were		
			measured at		
			the same time		
			so		
			measurement		
			cost was split		
			50/50 between		
			cost		
			categories.		
			See		
			Attachment		
			38.		
UHF -	\$227,000.00	\$115,725.00	See	N/A	N/A
	\$227,000.00	\$115,725.00	See Attachment 16	N/A	N/A
Lower	\$227,000.00	\$115,725.00		N/A	N/A
Lower Power	\$227,000.00	\$115,725.00	Attachment 16	N/A	N/A
Lower Power Side	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1.	N/A	N/A
Lower Power Side Mount,	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the	N/A	N/A
Lower Power Side Mount, One	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the comparable	N/A	N/A
UHF - Lower Power Side Mount, One station antenna	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the comparable Dielectric TFU-	N/A	N/A
Lower Power Side Mount, One station	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the comparable Dielectric TFU- 16DSC-R O4	N/A	N/A
Lower Power Side Mount, One station antenna 200-500	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the comparable Dielectric TFU- 16DSC-R O4 H-Pol antenna,	N/A	N/A
Lower Power Side Mount, One station antenna 200-500 kW,	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the comparable Dielectric TFU- 16DSC-R O4 H-Pol antenna, not the	N/A	N/A
Lower Power Side Mount, One station antenna 200-500 kW, elliptically	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the comparable Dielectric TFU- 16DSC-R O4 H-Pol antenna, not the upgraded (due	N/A	N/A
Lower Power Side Mount, One station antenna 200-500 kW, elliptically or	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the comparable Dielectric TFU- 16DSC-R O4 H-Pol antenna, not the upgraded (due to higher gain)	N/A	N/A
Lower Power Side Mount, One station antenna 200-500 kW, elliptically or circularly	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the comparable Dielectric TFU- 16DSC-R O4 H-Pol antenna, not the upgraded (due to higher gain) Dielectric TFU-	N/A	N/A
Lower Power Side Mount, One station antenna 200-500 kW, elliptically or circularly	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the comparable Dielectric TFU- 16DSC-R O4 H-Pol antenna, not the upgraded (due to higher gain) Dielectric TFU- 24DSC-R O4 antenna	N/A	N/A
Lower Power Side Mount, One station antenna	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the comparable Dielectric TFU- 16DSC-R O4 H-Pol antenna, not the upgraded (due to higher gain) Dielectric TFU- 24DSC-R O4 antenna (Attachment	N/A	N/A
Lower Power Side Mount, One station antenna 200-500 kW, elliptically or circularly	\$227,000.00	\$115,725.00	Attachment 16 Line Item 1. This is for the comparable Dielectric TFU- 16DSC-R O4 H-Pol antenna, not the upgraded (due to higher gain) Dielectric TFU- 24DSC-R O4 antenna	N/A	N/A

Total for all	\$5,853,724.11	\$4,703,388.83	N/A	\$1,438,613.48	N/A
systems					

20mponems		
Actual Information Description	File Name	
Test Adapter	Component Description:	Test adapter for 7- inch line. Required to determine that WEDU antenna and transmission line are viable and do not need to be replaced.
Interim antenna rental and installation - Cost will depend on antenna size and height and/or complexity of tower.	Amount:  Information not provided.	\$4,914.11
Sweep test of existing antenna	Component Description:  Amount:	Interim and Aux antenna and line were measured in the same trip so measurement cost was divided between cost categories. (Note: The company name includes an ampersand that Form won't accept.) \$3,275.00
	Component Description:	See Attachment 34 for quotation
	Amount:	\$2,910.00

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Information not provided.	
Mounting Adapter	Component Description:	Mounting Adapter
		Down Payment. See Exhibit 13 for quote.
	Amount:	\$11,610.00
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if	Component Description:	Elbow Complex down payment.
needed)		See Attachment  13 for quote.
	Amount:	\$6,112.35
Sweep test of existing		
antenna	Component Description:	Sweep Test down payment. See Attachment 13 for
	Amount:	quote. \$2,880.00
UHF - High Power Top Mount (200-1000 kW), One		
station antenna , elliptically or circularly polarized	Component Description:	Primary Antenna Minus V-Pol down payment. See Attachment 13 for
	Amount:	quote. \$88,782.75
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	

Sweep test of existing antenna **Component Description:** Interim and Aux antenna and line were measured in the same trip so measurement cost was divided between cost categories. (Note: The company name includes an ampersand that Form won't accept.) \$3,275.00 **Amount:** UHF - Lower Power Side Information not provided. Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized

#### **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	\$20,200.00	\$0.00		\$0.00	
Rigid Transmission Line - copper, 6 1/8"	\$20,200.00	\$0.00	Transmission Line Rent included in Tower Rent.	N/A	N/A
Primary Transmission Line	\$534,380.00	\$338,085.00		\$152,138.25	
Rigid Transmission Line - copper, 8 3 /16"	\$534,380.00	\$338,085.00	See Attachment 13, Line Item 4 and Attachment 39.	\$152,138.25	N/A
Auxiliary Transmission Line	\$347,000.00	\$338,000.00		\$0.00	
Rigid Transmission Line - copper, 8 3 /16"	\$347,000.00	\$338,000.00	Widelity Cost Catalog Price	N/A	N/A
Sub-total	\$901,580.00	\$676,085.00	N/A	\$152,138.25	N/A
Total for all systems	\$5,853,724.11	\$4,703,388.83	N/A	\$1,438,613.48	N/A

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

Rigid Transmission Line - copper, 6 1/8"	Information not provided.	
Rigid Transmission Line - copper, 8 3/16"	Component Description:	Primary
		Transmission Line.
		See Attachments
		13 and 39 for
		quotes.
	Amount:	\$152,138.25
Rigid Transmission Line - copper, 8 3/16"	Information not provided.	

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower GTOWER	\$667,200.00	\$649,500.00		\$0.00	
Tall Tower (greater than 500')	\$210,500.00	\$205,000.00	Cost Catalog Pricing.	N/A	N/A
Major tower reinforcement /modifications	\$421,000.00	\$409,500.00	Cost Catalog Pricing.	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,600.00	Cost Catalog Pricing.	N/A	N/A
Tower Permit Packages	\$9,400.00	\$9,400.00	Generate construction drawings of tower, ground, and building for local permits. See Attachments 5 and 6.	N/A	N/A
Auxiliary Tower TOWER	\$368,000.00	\$157,500.00		\$34,416.57	

Rent	\$157,500.00	\$157,500.00	\$17,500 per	\$34,416.57	N/A
			month rental		
			fee for		
			existing		
			tower,		
			antenna,		
			transmission		
			line, and		
			transmitter		
			room.		
			Based on		
			presumed		
			nine month		
			construction		
			period (May		
			2019		
			through		
			Phase 7		
			transition in		
			January,		
			2020).		
Tall Tower	\$210,500.00	\$0.00	No Rigging	N/A	N/A
(greater than			Necessary.		
500')			Antenna		
			and Line are		
			existing.		
Sub-total	\$1,035,200.00	\$807,000.00	N/A	\$34,416.57	N/A
Total for all systems	\$5,853,724.11	\$4,703,388.83	N/A	\$1,438,613.48	N/A

Actual Information Description	File Name
Tall Tower (greater than 500')	Information not provided.
Major tower reinforcement /modifications	Information not provided.
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.

Tower Permit Packages	Information not provided.	
Rent		
	Component Description:	June 2019 Rer
	Amount:	\$17,500.00
	Component Description:	May 2019 Ren (Partial Month)
	Amount:	\$16,916.57
Tall Tower (greater than 500')	Information not provided.	

#### **Outside Professional Services**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos
Outside Professional Services	\$98,365.00	\$59,879.50		\$8,982.12	
RF Exposure Measurements	\$21,050.00	\$3,750.00	RF Exposure measurements to demonstrate RF fields are less than FCC limits. See Attachment 5.	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$167.00	See Attachment 5.	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$1,250.00	See Attachment 5.	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$1,350.00	See Attachment 5.	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$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
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,050.00	Cost Catalog Pricing.	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,312.50	Additional engineering work and Construction Permit modification was required when initial site became unavailable. See Exhibits 20, 27, and 29.	\$3,312.50	Unexpecte loss of main and interim site See Statemen 2.
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$5,000.00	See Attachment 5.	\$3,537.50	N/A
Project management of the transition	\$39,500.00	\$37,500.00	Company lacks sufficient internal resources. See also Attachment 5.	\$2,132.12	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
Sub-total	\$98,365.00	\$59,879.50	N/A	\$8,982.12	N/A
Total for all systems	\$5,853,724.11	\$4,703,388.83	N/A	\$1,438,613.48	N/A

Actual Information Description	File Name
RF Exposure Measurements	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
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.
Prepare request for Special Temporary Authorization	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, Construction Permit Application	Information not provided.

Prepare engineering section of FCC Form 2100 (main), **Component Description:** Complete Construction Permit Engineering for Application CP Mod back to Riverview-2 site. Amount: \$800.00 **Component Description:** Prepare CP Engineering for Riverview-1 site. Amount: \$1,387.50 **Component Description:** Preliminary Engineering for CP at Riverview-2 site. Amount: \$1,125.00 Perform engineering study for new channel assignment **Component Description: Evaluate viability** and antenna development of existing Riverview-2 Site. Amount: \$1,062.50 **Component Description:** Preliminary evaluation of WEDU site suitability. Amount: \$725.00

**Component Description:** Evaluate ATC

Riverview-1

antenna and site.

**Amount:** \$937.50

Component Description: Study suitability of

WEDU antenna as primary. See Statement 2.

**Amount:** \$812.50

transition	Component Description:	Project
		Management.
	Amount:	\$2,132.12
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

#### **Other Expenses**

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$77,405.00	\$71,090.00		\$2,925.00	
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	\$5,250.00	See Attachment 12.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Local Zoning	\$4,700.00	\$4,700.00	N/A	N/A	N/A
Non-zoning permits	\$4,700.00	\$4,700.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$30,000.00	\$30,000.00	Assorted disposal cost for equipment and other waste. For example, see Attachments 10 and 11.	N/A	N/A

Equipment Delivery and Handling Charges	\$24,925.00	\$24,925.00	See Attachments 2A and 21 (\$11,000 each) plus Attachment 43 (\$2,925).	\$2,925.00	N/A
MVPD Notification of Channel Change	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Sub-total	\$77,405.00	\$71,090.00	N/A	\$2,925.00	N/A
Total for all systems	\$5,853,724.11	\$4,703,388.83	N/A	\$1,438,613.48	N/A

Actual Information Description	File Name	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
Local Zoning	Information not provided.	
Non-zoning permits	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Equipment Delivery and Handling Charges	Component Description:	Transport of Interim transmitter from storage to interim site.
	Amount:	\$2,925.00

MVPD Notification of
Channel Change

Information not provided.

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$5,853,724.11	\$4,703,388.83	\$1,438,613.48

Reimbursem	entestatus	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. Andrew J Siegel Assistant Secretary

06/13/2019

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. Andrew J Siegel Assistant Secretary

06/13/2019

#### **Attachments**