

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

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

Sign:

ID: File

0000027117

Number:

FRN: **0028930774** Date **03/24** 

Submitted: /2021

# Applicant Information

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

Applicant	Address	Phone	Email	Applicant Type
CBS OPERATIONS INVESTMENTS INC. Doing Business As: CBS OPERATIONS INVESTMENTS INC.	Daniel G. Ryson 2020 M. St., NW - Licensing DEPT WASHINGTON, DC 20036 United States	+1 (202) 457- 4505	DRYSON@CBS.	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 ViacomCBS	Daniel G. Ryson 2020 M. St., NW - Licensing DEPT 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 primary site is rebuilt with new antenna, transmission line, and transmitter equipment.

#### **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	
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
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	200.0 feet
	Other Electrical Service	Yes
	Description	100 linear feet of 4- inch conduit.
	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	15 tons
	Other Size	N/A
Addition/Modification or	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	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
	Is additional field engineering time needed?	N/A

#### Primary Transmitter

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

Name	Description
Florida State Sales Tax	Florida State Sales Tax

#### 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 Transmitter

# Other Transmitter Cost Not Listed

Name	Description

Sales Tax State of Flor	ida Sales Tax
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#### **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?	
	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?	Yes

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	Bottom
	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-24EBT /VP-R O6
Year	2021
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?	
	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	7 3/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
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	Two Mounting Adapters required to support stacked antennas.
Feed Through Complex	Feed Through Complex for Upper Antenna in Stack

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

New Transmission Line
Costs

Response
Auxiliary (Backup)
Backup
Purchase New
No
Rigid
6 1/8 inches
N/A
20 inches
N/A
1
1330 feet per run

Justification for New Transmission Line	Please see Statement 2 and Attachment 90. Note: We propose to replace 1,000 feet of 8 3/16- inch line with a greater length of less expensive 6 1/8-inch line to maintain pre- transition coverage
	transition
	excessive transmitter power or tower
	windloading.

Auxiliary Other Transmission Line Expenses Not Listed Transmission Line Expenses Not Listed Description of 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**

<b>Primary</b>
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Transmission Line Question Response **New Transmission Line** Use Primary Costs (Main) Description of Use N/A Change Type Purchase New Is this a request for upgraded equipment? No Type Rigid Diameter 7 3/16 inches N/A Other Diameter Segment Length 20 inches Other Segment Length N/A Number of parallel runs 1 1600 feet Length per run Justification for New Transmission Line WTOG owns no transmission line on the leased tower. Existing WTOG tower found structurally insufficient for repack.

**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	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 Registration	Do you have a tower registration number?	Yes
Negistration	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
FL State Use Tax	Florida 8.5% State Use Tax
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	Move Equipment
	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 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
Structural Engineering Primary Tower	Structural Analysis of Proposed Tower Loading
Tower Permit Packages	Construction drawings for tower, ground and building. Required for local permits.

### Outside Professional

Section	Question	Response
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

# Other Professional Services Expenses Not Listed

al	Services Costs	Description
	Architect Mechanical Electrical	Architect, Mechanical, and Electrical Engineering for Interim Site.
	Electrical Engineering - Primary Transmitter	Electrical Engineering for WTOG Transmitter Installation design, drawings for electrical permits.

# 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	Yes
	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

## Other Expenses Not Listed

Name	Description
Microwave Frequency Coordination	Required Frequency Coordination for Relocation of the WTOG studio-to-transmitter microwave link.
STL and TSL FCC Fees	Application Processing Fees for License Application to relocate studio to transmitter and transmitter to studio microwave equipment. Please see Attachment 109 for a "quotation" of Fees.
Tower Decommission	Tower Decommissioning and Hazardous Materials Removal. See Attachment 115.
UPS Units	Replicate Small Percentage of Prior Site UPS Capability.
Waveguide Switch Controller	Unit that controls the transmitter/antenna system waveguide switch.
Florida State Sales Tax	Florida State Sales Tax

# **Cost Information**

### **Transmitters**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description Interim Transmitter ULXTE-60	Predetermined Cost Estimate \$1,219,241.16	Estimated Cost \$1,229,073.38	Estimated Cost Justification	Actual Cost \$1,101,379.94	Actual Cost Justification
Sales Tax	\$61,260.16	\$61,260.16	State of Florida Sales Tax. Please see Attachment 59 (\$60,005.85) plus Attachment 88 (\$1,254.31).	\$61,260.16	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.	\$100,047.68	N/A

Primary Transmitter ULXTED-80	\$1,766,421.91	\$1,749,460.13		\$1,576,647.73	
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$9,007.62	See Attachment 21, Item D	\$9,007.62	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.	\$915,572.08	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	N/A	N/A	N/A
Electrical Service: Prepare electrical engineering drawings for work required at Interim Site. Install electrical wiring for transmitter, racks, etc.			Attachment 50 for electrical engineering drawings necessary to seek bids for actual wiring. See Attachment 64 for proposal of interim transmitter electrical installation.		

Other	\$91,200.00	\$91,200.00	2 story	N/A	N
Building			building with		
Addition			tiltup walls to		
Size: 3200.0			match		
			existing		
			broadcast		
			facility.		
			Includes		
			galvanized		
			stairs, steel		
			doors, and		
			concrete		
			block walls		
			for separate		
			tenant		
			suites. See		
			Attachments		
			5 and 6.		
15 Ton	\$55,800.00	\$42,400.00	See	N/A	N
system			Attachment 5.		
Other	\$3,840.00	\$3,840.00	100' L/F of 4"	N/A	N
Electrical			conduit and		
Service:			larger		
100 linear			conductor to		
feet of 4-			adequately		
inch conduit.			bring an		
			additional		
			500 KVA		
			power		
			power needed for		
			needed for		
			needed for the new		
			needed for the new transmitters,		
			needed for the new transmitters, HVAC, Air		
			needed for the new transmitters, HVAC, Air handlers,		

2" Rigid	\$5,200.00	\$460.00	Additional	\$460.00	N/A
Conduit and			lights at		
Wiring			transmitter		
(Cost per			and		
foot)			receptacles		
			at switching		
			section.		
			Please see		
			Attachment		
			118 for		
			quotation.		
Transformer	\$48,400.00	\$18,400.00	Install 500	N/A	N/A
3 phase			KVA		
/480v - 500			transformer		
KVA			to support		
			transmitter,		
			heat		
			exchangers		
			and other		
			equipment		
			on the new		
			repack		
			frequency		
			into the		
			broadband		
			antenna.		
			See Attachment		
			5.		
Switchgear	\$38,200.00	\$78,298.22	Labor and	\$66,805.82	N/A
- industrial			Materials for		
800 amp			WTOG		
			transmitter		
			replacement.		
			See		
			Attachments		
			55		
			(\$28,731.00)		
			97A		
			(\$47,863.02),		
			and 129		
			(\$1704.20).		
Service	\$14,400.00	\$5,480.00	Pro rata	N/A	N/A
entrance 3			cost. See		
phase/800 amp/208 volt			Attachment 5.		

UHF - Liquid Cooled Solid State Transmitter 50.6 kW  Florida State Sales Tax	\$1,419,628.38	\$1,419,628.38	Please See Statement 2A. Includes installation; excludes freight. Also includes change orders shown in Attachment	\$1,419,628.38	Sub total is equal to estimated cost.
State Sales			89.		
	\$89,753.53	\$89,753.53	See statement and Table 1 in Attachment 80B. Also sales tax on new change orders shown in Attachment 89.	\$89,753.53	N/A
Sub-total	\$2,985,663.07	\$2,978,533.51	N/A	\$2,678,027.67	N/A
Total for all systems	\$6,663,390.83	\$5,614,138.75	N/A	\$4,573,226.36	N/A

### Components

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

Sales Tax		
	Component Description:	Transmitter RF
		Accessories Sales
		Tax. Please see
		Attachment 88.
	Amount:	\$1,254.31
	Component Description:	Invoice is for
		transmitter
		progress payment.
		The portion shown
		here is the State
		of Florida Sales
		Tax only.
	Amount:	\$60,005.85

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

progress payment. The portion shown here is the split appropriate for item C only.

**Amount:** \$41,857.66

Component Description: RF Accessories.

Please see Exhibit

88.

**Amount:** \$17,124.73

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:** \$20,112.63

Other Electrical Service: Prepare electrical **Component Description:** Invoice is for engineering drawings for Electrical work required at Interim Engineering Site. Install electrical wiring drawings at the for transmitter, racks, etc. WTOG Interim site. Amount: \$4,000.00 **Component Description:** 40% down payment for WTOG transmitter installation and materials. See quote in Attachment 64. **Amount:** \$11,492.40 3" Rigid Conduit and Wiring Information not provided. (Cost per foot) UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW **Component Description:** Interim transmitter installation and proof. RF Accessories, Shipping, and Sales Tax shown separately. Please see Exhibit 88. Amount: \$57,311.25 **Component Description:** Invoice is for transmitter progress payment. The portion shown here is the split appropriate for items A&B only. Amount: \$224,401.03

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

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

Transformer 3 phase/480v -		
150 KVA	Component Description:	Invoice is for
		transmitter
		progress payment.
		The portion shown
		here is the split
		appropriate for
	Amount:	line item D only. \$2,464.24
	Amount:	φ2,404.24
	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 D only.
	Amount:	\$3,204.76
	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 D only.
		(Fractional cent
		rounded up to
		assure split cost
		equals total
	A	invoice.)
	Amount:	\$3,338.62
Other Building Addition	Information not provided.	
Size: 3200.0  15 Ton system	Information not provided.	

2" Rigid Conduit and Wiring (Cost per foot)	Component Description:  Amount:	Lights at transmitter. Receptacles in switching section. Please see Attachment 118 for quote. \$460.00
Transformer 3 phase/480v - 500 KVA	Information not provided.	<b>V</b> 1883 183
Switchgear - industrial 800 amp	Component Description:	Electrical materials for installation of primary
	Amount:	transmitter. Please see Attachments 97 and 98. \$8,000.00
	Component Description:	Electrical installation of Primary WTOG Transmitter.
	Amount:	\$41,567.22
	Component Description:	Down Payment for WTOG Primary Transmitter New Electrical Panel and Circuits.
	Amount:	\$17,238.60
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

transmitter change

orders, installation,

freight, and sales

tax. This is comparable

installation. Other

items listed

separately. Please see Attachment

89A.

**Amount:** \$75,690.77

Component Description: Invoice is for

transmitter change

orders, installation,

freight, and sales

tax. This is change orders.
Other items listed

separately.

**Amount:** \$17,568.77

Component Description: Please see

**Amount:** 

Statement in Attachment 80B.

\$227,280.57

Component Description: Invoice is for main

transmitter

progress payment.

**Amount:** \$668,164.41

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

Florida State Sales Tax

Component Description: Please see

Statement and Table 1 in

Attachment 80B.

**Amount:** \$81,763.40

Component Description: Invoice is for

transmitter change

orders, installation,

freight, and sales tax. This is sales tax. Other items listed separately.

**Amount:** \$7,990.13

# **Cost Information**

#### **Antennas**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description Interim Antenna TUP-05-12- 60-1	Predetermined Cost Estimate \$374,144.11	Estimated Cost \$11,099.11	Estimated Cost Justification	Actual Cost \$11,099.11	Actual Cost Justification
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-24EBT /VP-R O6	\$392,491.00	\$607,780.37		\$559,977.37	
Feed Through Complex	\$21,511.00	\$21,511.00	Required to support existing, top-mounted stacked antenna after replacing bottom-mounted stacked antenna. Please see Attachment 138, line 5 for quote.	\$19,395.90	N/A
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	\$13,900.00	\$653.30	With a change in line size, the elbow complex changed. The estimated \$653.30 represents the increase in estimated cost (see Attachment 138 line item 4) over the value of prior reimbursements in a now-locked cost category.	(\$634.50)	N/A

Elbow	\$15,250.00	\$12,224.70	***System	\$12,224.70	N/A
complex,	. ,	, ,	Notice:	• , -	
single			Estimate		
channel, at			adjusted and		
antenna			locked because		
input, per 8			line has been		
3/16.			superseded.		
feedline (if			***See		
needed)			Attachment 138		
			Line Item 4.		
Sweep test	\$6,730.00	\$6,400.00	See Attachment	\$5,760.00	N/A
of existing			13 - Line item		
antenna			24		
UHF - High	\$289,500.00	\$521,391.37	See Attachment	\$482,191.27	N/A
Power Top			137 for		
Mount			statement and		
(200-1000			reconciliation.		
kW), One			Includes Prior		
station			Antenna write-		
antenna,			down cost		
elliptically or			(\$148,000 minus		
circularly			\$18,609.63 for		
polarized			non-		
poidi1200			reimbursable V-		
			Pol) plus Future		
			Antenna		
			estimated cost		
			(\$415,851.00		
			minus \$23,850		
			for non-		
			reimbursable V-		
			Pol).		
Mounting	\$45,600.00	\$45,600.00	Please see	\$41,040.00	N/A
Adapter			Attachment 138		
			line items 2		
			(\$20,175.00)		
			and 3		
			(\$25,425.00) for		
			two mounting		
			adapters		
			required for this		
			required for this bottom-stacked antenna.		

Auxiliary Antenna TFU- 24DSC-R O4	\$274,440.00	\$198,070.00		\$184,061.25	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$21,750.00	See Attachment 19A for the Dielectric TFU- 24DSC-R O4 side mount bracket estimate.	\$21,750.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,710.00	See Attachment 16A Line Item 4. This is for the comparable Dielectric TFU- 16DSC-R O4 antenna, not the upgraded Dielectric TFU- 24DSC-R O4 antenna (Attachment 19A) that we're installing.	\$10,710.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,260.00	Per Cost Catalog	\$1,750.00	N/A

Sweep test of existing antenna	\$6,730.00	\$9,675.00	Existing Auxiliary and Interim antenna were measured at the same time so measurement cost was split 50 /50 between cost categories. Also includes new antenna measurements. See Attachments 38 and 16A.	\$6,155.00	N/A
UHF - Lower Power Side Mount, One station antenna 200-500 kW, elliptically or circularly polarized	\$227,000.00	\$150,675.00	See Attachment 19A Line Item 1. This is for the Dielectric TFU- 24DSC-R O4 antenna (Attachment 19A) that is now serving as an interim antenna. Cost shown here excludes V-Pol upgrade.	\$143,696.25	N/A
Sub-total	\$1,041,075.11	\$816,949.48	N/A	\$755,137.73	N/A
Total for all systems	\$6,663,390.83	\$5,614,138.75	N/A	\$4,573,226.36	N/A

## Components

Actual Information	
Description	File Name

Test Adapter		
	Component Description:  Amount:	Test adapter for 7- inch line. Required to determine that WEDU antenna and transmission line are viable and do not need to be replaced. \$4,914.11
		, , , , , , , , , , , , , , , , , , ,
Interim antenna rental and installation - Cost will depend on antenna size and height and/or complexity of tower.	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
	Amazzata	accept.)
	Amount:	\$3,275.00
	Component Description:	See Attachment 34
	Amount:	for quotation
	Amount.	\$2,910.00
UHF - High Power Top Mount (200-1000 kW), One station antenna,	Information not provided.	
horizontally polarized		

Feed Through Complex		
	Component Description:	Invoice is progress
		payment for
		antenna, Mounting
		Adapters, Elbow
		Complex, Feedthru
		complex,
		transmission line
		and sweep test.
		This cost is
		antenna feed
		through complex.
		Please see
		Attachment 141A
		for statement and
		reconciliation.
	Amount:	\$19,395.90
		• -,
Elbow complex, single		
channel, at antenna input,	Component Description:	Invoice is progress
nor 7 0/16 focallina /if		
		payment for
		payment for antenna, Mounting
		antenna, Mounting
		antenna, Mounting Adapters, Elbow
		antenna, Mounting Adapters, Elbow Complex, Feedthru
		antenna, Mounting Adapters, Elbow
		antenna, Mounting Adapters, Elbow Complex, Feedthru complex, transmission line
		antenna, Mounting Adapters, Elbow Complex, Feedthru complex, transmission line and sweep test.
		antenna, Mounting Adapters, Elbow Complex, Feedthru complex, transmission line and sweep test. This is a cost
		antenna, Mounting Adapters, Elbow Complex, Feedthru complex, transmission line and sweep test. This is a cost adjustment for a
		antenna, Mounting Adapters, Elbow Complex, Feedthru complex, transmission line and sweep test. This is a cost adjustment for a less expensive
		antenna, Mounting Adapters, Elbow Complex, Feedthru complex, transmission line and sweep test. This is a cost adjustment for a
		antenna, Mounting Adapters, Elbow Complex, Feedthru complex, transmission line and sweep test. This is a cost adjustment for a less expensive elbow complex.
		antenna, Mounting Adapters, Elbow Complex, Feedthru complex, transmission line and sweep test. This is a cost adjustment for a less expensive elbow complex. Please see
per 7 3/16. feedline (if needed)		antenna, Mounting Adapters, Elbow Complex, Feedthru complex, transmission line and sweep test. This is a cost adjustment for a less expensive elbow complex. Please see Attachment 141A

Elbow complex, single channel, at antenna input, **Component Description:** Elbow complex per 8 3/16. feedline (if progress payment. needed) See Attachment 52 for details. Amount: \$6,112.35 **Component Description: Elbow Complex** down payment. See Attachment 13 for quote. Amount: \$6,112.35 Sweep test of existing antenna **Component Description:** Sweep Test of New Antenna and Transmission Line - Progress Payment. See Attachment 52 for details. Amount: \$2,880.00 **Component Description:** Sweep Test down payment. See Attachment 13 for quote. Amount: \$2,880.00

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized

Component Description: Invoice is progress

payment for

antenna, Mounting Adapters, Elbow Complex, Feedthru

complex,

transmission line and sweep test. This cost is antenna H-Pol. Please see

Attachment 141A for statement and reconciliation.

**Amount:** \$299,626.27

Component Description: Primary Antenna

Minus V-Pol

progress payment. Includes Change Orders. See

Attachment 52 for

details.

**Amount:** \$93,782.25

Component Description: Primary Antenna

Minus V-Pol down payment. See Attachment 13 for

quote.

**Amount:** \$88,782.75

## Mounting Adapter

Component Description: Invoice is progress

payment for

antenna, Mounting Adapters, Elbow Complex, Feedthru

complex,

transmission line and sweep test. This cost is

antenna mounting adapter. Please see Attachment 141A for statement and reconciliation.

**Amount:** \$29,430.00

Component Description: Mounting Adapter

Down Payment. See Exhibit 13 for

quote.

**Amount:** \$11,610.00

Side mount brackets for high power antennas (if not included in antenna base cost)

**Component Description:** Invoice is for aux

> antenna, elbow complex, brackets, and line. This cost is side-mount bracket. Please see Attachment 91.

Amount: \$14,358.75

**Component Description:** Invoice is down-

payment for

auxiliary antenna,

line, and accessories including some upgrades. This cost is for comparable brackets. Please see Attachment 62.

Amount: \$7,391.25

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)

**Component Description:** Invoice is for aux

> antenna, elbow complex, brackets, and line. This cost is elbow complex.

Please see Attachment 91. \$5,890.50

**Component Description:** Invoice is down-

Amount:

payment for

auxiliary antenna,

line, and accessories including some upgrades. This cost is for elbow complex. Please see Attachment 62.

Amount: \$4,819.50 Pattern scatter analysis for side mount high/med power **Component Description:** Create multiple antennas (if not included in coverage antenna base cost) prediction maps based on five possible mounting configurations. \$1,750.00 Amount: Sweep test of existing antenna **Component Description:** Invoice is downpayment for auxiliary antenna, line, and accessories including some upgrades. This cost is sweep measurements of antenna. Please see Attachment 62. Amount: \$2,880.00 **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

Amount:

Form won't accept.)

\$3,275.00

UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized

Component Description: Invoice is for aux

antenna, elbow complex, brackets, and line. This cost is aux antenna. Please see

Attachment 91.

**Amount:** \$88,650.00

Component Description: Invoice is down-

payment for

auxiliary antenna,

line, and accessories including some upgrades. This cost is comparable H-Pol antenna. Please see Attachment 62.

**Amount:** \$55,046.25

## **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 Co Justificati
Interim Transmission Line	\$20,200.00	\$340.86		\$340.86	
Rigid Transmission Line - copper, 6 1/8"	\$20,200.00	\$340.86	Transmission Line Rent included in Tower Rent. One connector was required to interface to existing line. Please see Attachment 75.	\$340.86	N/A
Primary Transmission Line	\$1,019,200.00	\$304,276.50		\$264,407.70	
Rigid Transmission Line - copper, 7 3 /16"	\$464,000.00	\$0.00	Due to a reduction in transmission line size, the newly estimated cost is \$10,490.50 less than the total of prior reimbursements.  Because the form will not accept a negative quotation, I've entered zero.	(\$39,868.80)	N/A

Rigid Transmission Line - copper, 8 3 /16"	\$555,200.00	\$304,276.50	***System Notice: Estimate adjusted and locked because line has been superseded.	\$304,276.50	N/A
Auxiliary Transmission Line	\$558,660.00	\$210,371.25		\$208,768.25	
Rigid Transmission Line - copper, 6 1/8"	\$268,660.00	\$110,852.29	We've replaced 1,000 feet of 8 3 /16-inch line with 1,300 feet of less expensive 6 1/8- inch line to maintain pre- transition coverage with less tower loading and transmitter power. Cost shown excludes already reimbursed \$99518.96 in locked cost category.	\$109,249.29	N/A

Rigid Transmission Line - copper, 7 3 /16"	\$290,000.00	\$99,518.96	***System Notice: Estimate adjusted and locked because line has been superseded. ***Please see quote provided as Attachment 19A and Changer Order Attachment 90. Note: We are replacing existing 8 3/16- inch line with less expensive 6 1/8-inch line.	\$99,518.96	N/A
Sub-total	\$1,598,060.00	\$514,988.61	N/A	\$473,516.81	N/A
Total for all systems	\$6,663,390.83	\$5,614,138.75	N/A	\$4,573,226.36	N/A

### Components

Actual Information Description	File Name	
Rigid Transmission Line - copper, 6 1/8"	Component Description: Amount:	Please see Attachment 75 \$340.86
	Component Description:  Amount:	Connector Required to Attach Transmission Line to Antenna System. \$340.86

Rigid Transmission Line -		
copper, 7 3/16"		Investor 1
	Component Description:	Invoice is progress
		payment for
		antenna, Mounting
		Adapters, Elbow
		Complex,
		Feedthru complex,
		transmission line
		and sweep test.
		This is a cost
		adjustment for less
		expensive
		transmission line.
		Please see
		Attachment 141A
		for statement and
		reconciliation.
	Amount:	(\$39,868.80)
Rigid Transmission Line -		
copper, 8 3/16"	Component Description:	Primary
copper, 8 3/16"	Component Description:	Primary Transmission Line
copper, 8 3/16"	Component Description:	
copper, 8 3/16"	Component Description:	Transmission Line
copper, 8 3/16"	Component Description:	Transmission Line Progress
copper, 8 3/16"	Component Description:	Transmission Line Progress Payment. See
copper, 8 3/16"	Component Description:  Amount:	Transmission Line Progress Payment. See Attachment 52 for
copper, 8 3/16"		Transmission Line Progress Payment. See Attachment 52 for details.
copper, 8 3/16"		Transmission Line Progress Payment. See Attachment 52 for details.
copper, 8 3/16"	Amount:	Transmission Line Progress Payment. See Attachment 52 for details. \$152,138.25
copper, 8 3/16"	Amount:	Transmission Line Progress Payment. See Attachment 52 for details. \$152,138.25
copper, 8 3/16"	Amount:	Transmission Line Progress Payment. See Attachment 52 for details. \$152,138.25  Primary Transmission Line.
copper, 8 3/16"	Amount:	Transmission Line Progress Payment. See Attachment 52 for details. \$152,138.25  Primary Transmission Line. See Attachments

Rigid Transmission Line - copper, 6 1/8"

**Component Description:** Auxiliary

transmission line saddle kit. Please see change order in Attachment

101B.

**Amount:** \$115.50

**Component Description:** Auxiliary

**Transmission Line** 

Cut Sections.
Please see

Attachment 130.

**Amount:** \$5,155.50

Component Description: Cut length of

transmission line.

Please see Attachment 92.

**Amount:** \$1,718.50

Component Description: Invoice is for aux

antenna, elbow complex, brackets, and line. This cost is aux line. Please see Attachment

91.

**Amount:** \$102,259.79

Rigid Transmission Line - copper, 7 3/16"

Component Description: Invoice is down-

payment for

auxiliary antenna,

line, and accessories including some upgrades. This

cost is

transmission line.

Please see Attachment 62.

**Amount:** \$99,518.96

## **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
Auxiliary Tower TOWER	\$454,860.00	\$244,360.00		\$242,331.18	
Rent	\$227,500.00	\$227,500.00	\$17,500 per month rental fee for existing tower, antenna, transmission line, and transmitter room.  Based on presumed 13 month construction period (May 1, 2019 through May 31, 2020).	\$226,916.57	N/A

FL State Use Tax	\$16,860.00	\$16,860.00	Florida State Sales and Use Tax calculated using procedures explained in Attachment 69. Tax is \$1,405.00 for most months. The total is based on a May 2019 through May 2020 construction period.	\$15,414.61	N/A
Tall Tower (greater than 500')	\$210,500.00	\$0.00	No Rigging Necessary. Antenna and Line are existing.	N/A	N/A
Primary Tower GTOWER	\$221,400.00	\$734,655.00		\$185,375.00	
Tall Tower (greater than 500')	\$210,500.00	\$723,755.00	Please see quotes in Attachments 132 (auxiliary antenna), 134 for (microwave antenna) and 142 main antenna.	\$183,875.00	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
Structural Engineering Primary Tower	\$1,500.00	\$1,500.00	Please see Attachment 122 for Preliminary Structural Analysis Quote	\$1,500.00	N/A
Sub-total	\$676,260.00	\$979,015.00	N/A	\$427,706.18	N/A
Total for all systems	\$6,663,390.83	\$5,614,138.75	N/A	\$4,573,226.36	N/A

## Components

Actual Information	File Name	
Description	File Name	
Rent		
	<b>Component Description:</b>	May 2019 Rent
		(Partial Month)
	Amount:	\$16,916.57
	Component Description:	Partial
		Reimbursement for
		interim antenna
		and transmitter
		room rent. Please
		see Attachment
		102.
	Amount:	\$17,500.00
	Component Description:	April 2020 Rent
	Amount:	\$17,500.00

Component Description: January 2020 Rent

**Amount:** \$17,500.00

**Component Description:** July 2019 Rent **Amount:** \$17,500.00

Component Description: November 2019

Rent

**Amount:** \$17,500.00

Component Description: October 2019 Rent

**Amount:** \$17,500.00

Component Description: February 2020

Rent.

**Amount:** \$17,500.00

Component Description: December 2019

Rent

**Amount:** \$17,500.00

Component Description: September 2019

Rent.

**Amount:** \$17,500.00

Component Description: March 2020 Rent

**Amount:** \$17,500.00

Component Description: June 2019 Rent

**Amount:** \$17,500.00

Component Description: August 2019 Rent

**Amount:** \$17,500.00

FL State Use Tax

**Component Description: Tower Rental** 

> Florida Sales and Use Tax for April, 2020. Please see Attachment 96.

\$1,382.45 Amount:

**Component Description: Tower Rental** 

> Florida Sales and Use Tax for Partial May and Full June, 2019. Please see Attachment 68A.

Amount: \$2,792.16

**Component Description: Tower Rental** 

> Florida Sales and Use Tax for August, 2019. Please see Attachment 70A.

Amount: \$1,405.00

**Component Description: Tower Rental** 

> Florida Sales and Use Tax for January, 2020.

Please see Attachment 78.

Amount: \$1,405.00

**Component Description: Tower Rental** 

Florida Sales and

Use Tax for September, 2019.

Please see Attachment 71A.

Amount: \$1,405.00 Component Description: Tower Rental

Florida Sales and

Use Tax for December, 2019.

Please see Attachment 82.

**Amount:** \$1,405.00

Component Description: Tower Rental

Florida Sales and

Use Tax for November, 2019.

Please see Attachment 73A.

**Amount:** \$1,405.00

Component Description: Tower Rental

Florida Sales and Use Tax for March, 2020. Please see Attachment 94.

**Amount:** \$1,405.00

Component Description: Tower Rental

Florida Sales and Use Tax for July, 2019. Please see Attachment 69A.

**Amount:** \$1,405.00

Component Description: Tower Rental

Florida Sales and Use Tax for October, 2019. Please see Attachment 72A.

**Amount:** \$1,405.00

Tall Tower (greater than 500')

Information not provided.

Tall Tower (greater than 500')		
000 )	Component Description:	Invoice is for
		relocating STL
		microwave antenna
		to primary tower.
		Includes sales tax
		listed elsewhere.
	Amount:	\$27,380.00
	Component Description:	Invoice includes
		aux antenna and
		line installation plus
		(as explained in
		quote) Florida state
		sales tax listed
		separately.
	Amount:	\$156,495.00
Tower Permit Packages	Information not provided.	
Structural Engineering		
Primary Tower	Component Description:	Preliminary
		Structural Analysis
	Amount:	\$1,500.00

### **Cost Information**

#### **Outside Professional Services**

Where no predetermined cost estimate is available, any estimate provided will also become the predetermined cost (displayed in italics).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos
Outside Professional Services	\$119,865.00	\$81,379.50		\$46,154.72	
Project management of the transition	\$39,500.00	\$37,500.00	Company lacks sufficient internal resources. See also Attachment 5.	\$24,070.63	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.	\$1,050.00	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 Statement 2.
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	\$5,000.00	See Attachment 5.	\$3,537.50	N/A

Total for all systems	\$6,663,390.83	\$5,614,138.75	N/A	\$4,573,226.36	N/A
Sub-total	\$119,865.00	\$81,379.50	N/A	\$46,154.72	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$167.00	See Attachment 5.	N/A	N/A
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
Architect Mechanical Electrical	\$17,500.00	\$17,500.00	Architect, Mechanical, Electrical. Please see proposal provided as Attachment 84. Does not include expenses or additional hourly fees.	\$10,184.09	N/A
Electrical Engineering - Primary Transmitter	\$4,000.00	\$4,000.00	Transmitter installation electrical engineering design for permits. Please see Attachment 99.	\$4,000.00	N/A

### Components

Actual Information Description	File Name
Project management of the transition	

Component Description: Project

Management.

**Amount:** \$2,132.12

Component Description: Project

Management -Through February

28, 2020.

**Amount:** \$2,620.35

Component Description: roject

Management -

Through June 26,

2020.

**Amount:** \$4,237.50

Component Description: Project

Management -Through June 29,

2019.

**Amount:** \$3,450.00

Component Description: Project

Management of project through December, 2019. Please see

Attachment 79A. Includes receipts.

**Amount:** \$3,861.40

Component Description: Project

Management through September 8,

2019.

**Amount:** \$3,150.60

	Component Description:  Amount:	Project Management of project through October, 2019. Please see Attachment 66. \$4,618.66
	Component Description:  Amount:	Project Management of project through July, 2019. Please see Attachment 83. \$3,450.00
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.	
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	Component Description:  Amount:	Prepare Engineering Portions of CP Modification. \$1,050.00

Prepare engineering section of FCC Form 2100 (main), Construction Permit	Component Description:	Complete 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
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Perform engineering study		
or new channel assignment and antenna development	Component Description:	Preliminary evaluation of
		WEDU site
	Amount:	suitability. \$725.00
	Component Description	Ctudy quitability of
	Component Description:	Study suitability of WEDU antenna as
		primary. See
	Amount:	Statement 2. \$812.50
	Component Description:	Evaluate viability
		of existing Riverview-2 Site.
	Amount:	\$1,062.50
	Component Description:	Evaluate ATC Riverview-1
		antenna and site.
	Amount:	\$937.50
Electrical Engineering -		
Primary Transmitter	Component Description:	Transmitter
		installation
		engineering and drawings for local
		permits. Note:
		Form 399 doesn't
		allow the
		ampersand in the
		actual company name.

Amount:

\$4,000.00

Architect Mechanical		
Electrical	Component Description:	Architectural
		Services. Site
		visit. See
		Attachment 84 for
		proposal and
		Attachment 86 for
		invoice. Includes
		travel expenses
		but excludes
		expense markups.
		Note form won't
		accept ampersand
		in vendor name.
	Amount:	\$10,184.09
RF Exposure Measurements	Information not provided.	
ASR modification (prepare	Information not provided.	
FCC Form 854)		

### **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 Cos
Other Expenses	\$242,467.65	\$243,272.65		\$192,683.25	
Florida State Sales Tax	\$12,870.65	\$12,870.65	Florida State sales tax. Please see Attachments 132 (\$10,954.65) and 134 (\$1,916.60) for quotations.	\$12,871.25	Actually, sub-total equals estimated cost.
Waveguide Switch Controller	\$3,815.70	\$3,815.70	Please see Attachment 125 for a quotation for the waveguide switch controller, cable, shipping, and tax. Required to safely control the switch.	\$3,815.70	N/A

UPS Units	\$4,482.96	\$4,482.96	Uninterruptible Power Supply	\$4,482.96	N/A
			Units.		
			Functionally		
			replace a very		
			large unit at		
			the prior		
			WTOG site		
			that could not		
			be rebuilt for		
			repack.		
			Includes tax		
			and freight.		
			Please see		
			Attachment		
			120 for		
			quotation.		
Tower	\$89,745.00	\$89,745.00	Flat rate cost	\$89,745.00	N/A
Decommission			to remove		
			hazardous		
			materials from		
			pre-transition		
			WTOG site		
			that could not		
			economically		
			support		
			repack.		
			Please see		
			Attachment		
			115.		
STL and TSL	\$340.00	\$340.00	Two FCC	\$340.00	N/A
FCC Fees			Wireless		
			Bureau		
			License		
			Modification		
			Application		
			Processing		
			3		
			Fees - \$170		
			Fees - \$170 each. Please		
			each. Please		
			each. Please see		
			each. Please see "quotation" in		
			each. Please see "quotation" in Attachment		
			each. Please see "quotation" in Attachment 109 the		
			each. Please see "quotation" in Attachment		

Microwave Frequency Coordination	\$900.00	\$900.00	Required Frequency Coordination for Relocating WTOG microwave equipment to the new tower. See quote as Attachment 107.	\$900.00	N/A
MVPD Notification of Channel Change	\$1,950.00	\$1,950.00	See quotation in Attachment 105	\$1,950.00	N/A
Equipment Delivery and Handling Charges	\$75,773.34	\$75,773.34	See Attachments 2A and 21 (\$11,000 each) plus Attachment 43 (\$2,925). Includes actual shipping shown in Attachments 88, 89, 101, and 131.	\$64,773.34	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
		\$4,700.00	N/A	N/A	N/A
Non-zoning permits	\$4,700.00	ψ4,7 00.00			

FCC Filing Fees - Special Temporary Authorization request         \$195.00         \$190.00         N/A         N/A         N/A         N/A           FCC Filing Fees - Form 2100 license to cover application         \$335.00         \$335.00         Please see "quote" FCC Media Bureau Fee Filing Guide Attachment 112.         \$2,220.00         Please see "quote" FCC Media Bureau Filing Fee Guide Provided as Attachment 112.         \$2,220.00         N/A           FCC Filing Fee application         \$1,110.00         \$2,220.00         Please see "quote" FCC Media Bureau Filing Fee Guide Provided as Attachment 112.         Applications were filed for both the main and auxiliary antenna.         N/A           DTV Medical Facility Notification         \$11,550.00         \$11,250.00         \$6 8e Attachments 12 and 103. Due to ongoing changes and construction delays, there have been three DTV Notification mailings each at \$3,750         N/A         \$192,683.25         N/A           Sub-total         \$242,467.65         \$243,272.65         N/A         \$192,683.25         N/A           Total for all systems         \$6,663,390.83         \$5,614,138.75         N/A         \$4,573,226.36         N/A						
Fees - Form   2100 license to cover   2100 license to cover application   See Filling   Guide   Attachment   112.	Fees - Special Temporary Authorization	\$195.00	\$190.00	N/A	N/A	N/A
Fees - Form         "quote" - FCC           2100 minor         Media Bureau           change CP         Filing Fee           application         Guide           provided as         Attachment           112.         Applications           were filed for         both the main           and auxiliary         antenna.           DTV Medical         \$11,550.00         \$11,250.00         See         \$11,250.00         N/A           Facility         Notification         12 and 103.         Due to ongoing changes and construction delays, there have been three DTV         Notification mailings each at \$3,750           Sub-total         \$242,467.65         \$243,272.65         N/A         \$192,683.25         N/A           Total for all         \$6,663,390.83         \$5,614,138.75         N/A         \$4,573,226.36         N/A	Fees - Form 2100 license to cover	\$335.00	\$335.00	"quote" FCC Media Bureau Fee Filing Guide Attachment	\$335.00	N/A
Facility         Attachments           Notification         12 and 103.           Due to         ongoing           changes and         construction           delays, there         have been           three DTV         Notification           mailings each         at \$3,750           Sub-total         \$242,467.65         \$243,272.65         N/A         \$192,683.25         N/A           Total for all         \$6,663,390.83         \$5,614,138.75         N/A         \$4,573,226.36         N/A	Fees - Form 2100 minor change CP	\$1,110.00	\$2,220.00	"quote" - FCC Media Bureau Filing Fee Guide provided as Attachment 112. Applications were filed for both the main and auxiliary	\$2,220.00	N/A
<b>Total for all</b> \$6,663,390.83 \$5,614,138.75 N/A \$4,573,226.36 N/A	Facility	\$11,550.00	\$11,250.00	Attachments 12 and 103.  Due to ongoing changes and construction delays, there have been three DTV Notification mailings each	\$11,250.00	N/A
	Sub-total	\$242,467.65	\$243,272.65	N/A	\$192,683.25	N/A
		\$6,663,390.83	\$5,614,138.75	N/A	\$4,573,226.36	N/A

Actual Information Description	File Name	
Florida State Sales Tax	Component Description:	Invoice is for Aux Antenna and line installation. This cost is Florida state sales tax.
	Amount:	\$10,954.65
	Component Description:	Invoice is for relocation of WTOG STL microwave antenna. This cost is FL state sales tax.
	Amount:	\$1,916.60
Waveguide Switch Controller	Component Description:	Includes controller, cable, shipping, and tax. Please see Attachment
	Amount:	125 for quotation. \$3,815.70
UPS Units	Component Description:	Two UPS Units. Please see Attachment 120
	Amount:	for a quotation. \$4,482.96
Tower Decommission	Component Description:	Hazardous Materials Removal. Please
	Amount:	see Attachment 115 for quotation. \$89,745.00

	Component Description:	FCC Application Processing Fee for
		Transmitter to
		Studio microwave
		link.
	Amount:	\$170.00
	Component Description:	FCC Application
		Processing Fee for
		Studio to
		Transmitter
		microwave link.
	Amount:	\$170.00
Microwave Frequency Coordination	O-manual D-mainting	Nanana
	Component Description:	Necessary
		Frequency Coordination for
		relocation of
		WTOG microwave
		equipment to new
		tower. Please see
		Attachment 107
		for quotation.
	Amount:	\$900.00
MVPD Notification of		
Channel Change	Component Description:	MVPD Notification.
		Please see quote
		in Attachment 105.

Equipment Delivery and		
Handling Charges	Component Description:	Shipping of Aux Antenna Saddle
		Kit. Please see
		Attachment 101B.
	Amount:	\$122.94
	Component Description:	Aux Antenna and
		Transmission Line
		Shipping. Please see Attachment
		131.
	Amount:	\$14,180.00
	Component Description:	Interim transmitter
	Component Description.	shipping. Actual
		shipping exceeded
		estimate. Please
		see Attachment
	Amount	88.
	Amount:	\$21,693.50
	Component Description:	Transport of
		Interim transmitter
		from storage to
	Amount:	interim site. \$2,925.00
	Amount.	φ <b>∠</b> , <del>9</del> ∠3.00
	Component Description:	Invoice is for
		transmitter change
		orders, installation,
		freight, and sales tax. This is
		shipping. Other
		items listed
		separately. Please
		see Attachment
		89A.
	Amount:	\$25,851.90

Disposal Costs (for equipment and other waste, net of any salvage value) Information not provided.

Non-zoning permits	Information not provided.	
Local Zoning	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Component Description:	FCC Filing Fee - WTOG Auxiliary Antenna License Application
	Amount:	\$335.00
FCC Filing Fees - Form 2100 minor change CP		
application	Component Description:	FCC Application Processing Fee - WTOG Auxiliary Antenna Construction Permit.
	Amount:	\$1,110.00
	Component Description:	FCC Construction
		Permit Application Filing Fee.
	Amount:	\$1,110.00

DTV Medical Facility Notification

Component Description: Health Care

Notification - Third

Mailing

**Amount:** \$3,750.00

**Component Description:** Health Care

Notification -

Second Mailing.

**Amount:** \$3,750.00

Component Description: Health Care

Notification.

**Amount:** \$3,750.00

## Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$6,663,390.83	\$5,614,138.75	\$4,573,226.36

Reimbursem	enrestiatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	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

03/24/2021

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

03/24/2021

#### **Attachments**