



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **54940** | Service: **DTV** | Call **WRBW** | Channel: **28 (UHF)**  
ID: | Sign:  
File **0000027496**  
Number:  
FRN: **0005795067** | Date **11/10**  
Submitted: **/2020**

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

Applicant	Address	Phone	Email	Applicant Type
<b>FOX TELEVISION STATIONS, LLC</b>	Joseph M. Di Scipio 400 N. CAPITOL STREET, NW SUITE 890 WASHINGTON, DC 20001 United States	+1 (202) 824-6522	Joe. Discipio@fox.com	Limited Liability Company

## Reimbursement Contact Information Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Dennis Wallace</b> <i>Managing Partner</i> <i>Meintel, Sgrignoli &amp; Wallace, LLC</i>	Dennis Wallace 1282 Smallwood Drive Suite 372 Waldorf, MD 20603 United States	+1 (202) 251-7589	Dennis. Wallace@mswdtv.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	WRBW will replace its antenna, transmission line, and transmitter at the main and auxiliary sites. Aux site will be done first on new channel. Then main site will be changed to new channel.

**Transmitters**

Section	Question	Response
<b>Transmitter Related Expenses</b>	Do you have transmitter related expenses?	Yes

**Auxiliary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Licensed Aux Site
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	Yes
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	Innovator HX
	Year	2007
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	10 kW

**Facility ID's and Call Signs of all stations with whom the transmitter is shared.**

Facility ID	Call Sign
41225	WOFL

**Auxiliary  
Transmitter****New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	THU9EVO-8
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	10 kW
	Justification for New Transmitter	Existing Aux transmitter is obsolete and no longer supported. Manufacturer is out of business.

**Auxiliary  
Transmitter****Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	500 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	200.0 feet
	Other Electrical Service	Yes

	Description	Transmitter Electrical Installation
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Auxiliary  
Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
<b>Removal of Existing Aux Equipment</b>	Removal of Existing Aux Transmitter Equipment.
<b>Remote Control Wiring</b>	Wire Up existing remote control to new transmitter

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	SIGMA CD
	Year	1999
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	46 kW

**Primary Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	THU9EVO-36
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	46 kW
	Justification for New Transmitter	Existing transmitter is obsolete and no longer supported by its manufacturer.

**Primary Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	500 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	200.0 feet
	Other Electrical Service	Yes

	Description	Transmitter Electrical Installation
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
<b>Removal of Existing Equipment</b>	Removal of Existing Equipment
<b>Remote Control Wiring</b>	Wire up existing remote control to new transmitter
<b>Generator - Interim</b>	Interim generator. 50/50 split with WOFL
<b>Generator - Primary</b>	Primary transmitter generator



**Antennas**

Section	Question	Response
<b>Antenna Related Expenses</b>	Do you have antenna related expenses?	Yes

**Auxiliary  
Antenna****Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Retune Existing
	Antenna Use	Auxiliary (Backup)
	Description of Use	Licensed Aux Site
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	2
	Number of Panels	32
	Design power capacity in use	100.0 %

Lower Limit	632.00 MHz
Upper Limit	638.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power) *****	255.0 kW
Manufacturer	Dielectric
Model	TUA-C4-10 /32MSP-1-S
Year	2007

**Facility ID's and Call Signs of all stations with whom the antenna is shared.**

Facility ID	Call Sign
41225	WOFL

**Auxiliary Antenna**

**Adjustment to Existing Antenna**

Section	Question	Response
<b>Sweep Test of Existing Antenna</b>	Do you need a sweep test of existing antenna?	Yes

**Auxiliary Antenna**

**Other Antenna Costs**

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A

**Enter a list of RF channel numbers.**

**RF Channel Number**

33

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28

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**Auxiliary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	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?	Yes	
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Middle
	Polarization	Horizontal
	Type	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) .....	763.0 kW

Manufacturer	
Model	TFU-30GTH 06
Year	1999

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**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	Yes
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Middle
	Polarization	Horizontal
	Type	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)	587.0 kW
	Manufacturer	
Model	ATW24H3-	

	HTO-28H
Year	2017
Justification for New Antenna	Existing antenna will not work on new channel. Antenna requires replacement.

**Primary Antenna**

**Other Antenna Costs**

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	No
	Type	
	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
<b>Elbow Complex</b>	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
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.



**Transmission  
Line**

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

**Auxiliary  
Transmission  
Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Licensed Aux Site
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	Yes
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1450 feet per run

**Facility ID's and Call Signs of  
all stations with whom the  
transmission line is shared.**

Facility ID	Call Sign
54940	WRBW
41225	WOFL



**Auxiliary  
Transmission  
Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Auxiliary (Backup)
	Description of Use	Licensed Aux Site
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1450 feet per run
	Justification for New Transmission Line	Existing line will not work on new channels. Replacement is required.

**Auxiliary  
Transmission  
Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
Layout Installation Drawings	Layout and installation drawings.

**Primary  
Transmission  
Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	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
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1800 feet per run

**Primary  
Transmission  
Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (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
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1800 feet per run
	Justification for New Transmission Line	Existing transmission line lengths will not work for new channel. Replacement is required.

**Primary  
Transmission  
Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
<b>Layout Installation Drawings</b>	Transmission line layout and installation drawings.

**Tower Equipment And Rigging Costs**

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

**Auxiliary Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Licensed Aux Site
	Ownership	Leased
	Is this tower consider Complex?	
	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
	ASR Number	1040401
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	28° 34' 51.9" N-
	Longitude (NAD83)	081° 04' 31.2" W-
	Overall Structure Height	1605.95 feet
	Support Structure Height	1602.67 feet
	Ground Elevation Above Mean Sea Level (AMSL)	65.94 feet
	Structure Type	GTOWER -

	Guyed Structure Used for Communication Purposes
Tower Owner	American Towers, LLC.
Date Constructed	04/16/2008

**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
47746	WOMX-FM	FM
41225	WOFL	DTV
59976	WRUM	FM
53457	WTKS-FM	FM
54940	WRBW	DTV
51983	WJRR	FM

**Auxiliary  
Tower**

**Tower Modification Costs**

Section	Question	Response
<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Major Reinforcements needed



**Auxiliary  
Tower**

**Tower Rigging Costs**

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

**Auxiliary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Primary Tower**

**Existing Tower**

Section	Question	Response
<b>Existing Tower Description</b>	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	Yes
	ASR Number	1063249
<b>Coordinates (NAD83 ( North American Datum of 1983))</b>	Latitude (NAD83)	28° 36' 36.0" N-
	Longitude (NAD83)	081° 03' 34.0" W-
	Overall Structure Height	1694.86 feet
	Support Structure Height	1623.01 feet
	Ground Elevation Above Mean Sea Level (AMSL)	52.49 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	BROWN ROAD

	TOWER, L. L.C.
Date Constructed	03/05/2001

**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
12171	WDSC-TV	DTV
6744	WEFS	DTV
54940	WRBW	DTV
71293	WKMG-TV	DTV
25738	WESH	DTV

**Primary  
Tower**

**Tower Modification Costs**

Section	Question	Response
<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Major Reinforcements needed

**Primary  
Tower**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	750
	Explanation	Outside project management of both main and aux site equipment removal, installation, and verification.
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes

	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
<b>FCC Progress Reports Prep and File</b>	Prepare and File FCC Progress Reports

**Other Expenses**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	Local Zoning	No
	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
<b>Other Miscellaneous Expenses</b>	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

Information not provided.



**Cost Information**

**Transmitters**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Primary Transmitter THU9EVO-36</b>	<b>\$2,087,515.16</b>	<b>\$2,011,515.16</b>		<b>\$235,415.76</b>	
Generator - Interim	<i>\$125,726.16</i>	\$125,726.16	400kW interim generator. 50/50 split with WOFL.	\$125,726.16	N/A
Generator - Primary	<i>\$361,489.00</i>	\$361,489.00	N/A	\$109,689.60	N/A
Remote Control Wiring	<i>\$3,500.00</i>	\$3,500.00	Wire up existing remote control to new transmitter	N/A	N/A
Removal of Existing Equipment	<i>\$25,000.00</i>	\$25,000.00	Removal of existing transmitter equipment	N/A	N/A
Other Electrical Service: Transmitter Electrical Installation	<i>\$40,000.00</i>	\$40,000.00	Transmitter Electrical Installation	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,400,000.00	Catalog	N/A	N/A
Transformer 3 phase /480v - 500	\$48,400.00	\$46,000.00	Catalog	N/A	N/A

KVA					
3" Rigid Conduit and Wiring (Cost per foot)	\$10,400.00	\$9,800.00	Catalog	N/A	N/A
<b>Auxiliary Transmitter THU9EVO-8</b>	<b>\$601,800.00</b>	<b>\$574,300.00</b>		<b>\$0.00</b>	
Remote Control Wiring	<i>\$3,500.00</i>	\$3,500.00	Wire up existing remote control to new transmitter	N/A	N/A
Removal of Existing Aux Equipment	<i>\$20,000.00</i>	\$20,000.00	Remove existing aux transmitter	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$470,000.00	Catalog	N/A	N/A
Transformer 3 phase /480v - 500 KVA	\$48,400.00	\$46,000.00	Catalog	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$10,400.00	\$9,800.00	Catalog	N/A	N/A
Other Electrical Service: Transmitter Electrical Installation	<i>\$25,000.00</i>	\$25,000.00	Aux Transmitter Electrical Installation	N/A	N/A
<b>Sub-total</b>	<b>\$2,689,315.16</b>	<b>\$2,585,815.16</b>	N/A	<b>\$235,415.76</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$6,062,885.16</b>	<b>\$5,799,275.16</b>	N/A	<b>\$545,462.62</b>	<b>N/A</b>

## Components

Actual Information	
Description	File Name
Generator - Interim	<p><b>Component Description:</b> Interim 400kW generator. Invoice shows WRBW portion. 50/50 split with WOFL.</p> <p><b>Amount:</b> \$125,726.16</p>
Generator - Primary	<p><b>Component Description:</b> 30% upon delivery of 800kW generator. Includes upgrade variance.</p> <p><b>Amount:</b> \$109,689.60</p>
Remote Control Wiring	Information not provided.
Removal of Existing Equipment	Information not provided.
Other Electrical Service: Transmitter Electrical Installation	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	Information not provided.
Transformer 3 phase/480v - 500 KVA	Information not provided.
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Remote Control Wiring	Information not provided.
Removal of Existing Aux Equipment	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Information not provided.
Transformer 3 phase/480v -	Information not provided.

500 KVA	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Other Electrical Service: Transmitter Electrical Installation	Information not provided.

**Cost Information**

**Antennas**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Primary Antenna ATW24H3-HTO-28H</b>	<b>\$267,630.00</b>	<b>\$254,600.00</b>		<b>\$0.00</b>	
Elbow complex, single channel, at antenna input, per 7 3/16. feedline (if needed)	\$13,900.00	\$13,200.00	Catalog	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	Catalog	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$235,000.00	Catalog	N/A	N/A
<b>Auxiliary Antenna TUA-C4-10 /32MSP-1-S</b>	<b>\$104,630.00</b>	<b>\$99,400.00</b>		<b>\$0.00</b>	
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$13,000.00	Catalog	N/A	N/A

New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	Catalog	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	Catalog	N/A	N/A
<b>Sub-total</b>	\$372,260.00	\$354,000.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$6,062,885.16	\$5,799,275.16	N/A	\$545,462.62	N/A

### Components

Information not provided.

**Cost Information**

**Transmission Line**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Primary Transmission Line</b>	<b>\$537,000.00</b>	<b>\$511,800.00</b>		<b>\$0.00</b>	
Layout Installation Drawings	<i>\$15,000.00</i>	\$15,000.00	ERI Layout of T/L and Installation Drawings	N/A	N/A
Rigid Transmission Line - copper, 7 3 /16"	\$522,000.00	\$496,800.00	Catalog	N/A	N/A
<b>Auxiliary Transmission Line</b>	<b>\$347,775.00</b>	<b>\$331,825.00</b>		<b>\$0.00</b>	
Layout Installation Drawings	<i>\$11,375.00</i>	\$11,375.00	ERI Layout of Transmission line and installation drawings.	N/A	N/A
Rigid Transmission Line - copper, 6 1 /8" broadband	\$336,400.00	\$320,450.00	Catalog	N/A	N/A
<b>Sub-total</b>	<b>\$884,775.00</b>	<b>\$843,625.00</b>	N/A	<b>\$0.00</b>	N/A
<b>Total for all systems</b>	<b>\$6,062,885.16</b>	<b>\$5,799,275.16</b>	N/A	<b>\$545,462.62</b>	N/A

**Components**

Information not provided.

**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
<b>Primary Tower TOWER</b>	<b>\$868,300.00</b>	<b>\$825,000.00</b>		<b>\$0.00</b>	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	Catalog	N/A	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	Catalog	N/A	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	Catalog	N/A	N/A
<b>Auxiliary Tower GTOWER</b>	<b>\$868,300.00</b>	<b>\$825,000.00</b>		<b>\$244,527.00</b>	
Complex Tower (includes, for example, those with candelabras	\$421,000.00	\$400,000.00	Catalog	\$244,527.00	N/A



and/or  
stacked  
antennas)

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	Catalog	\$0.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	Catalog	N/A	N/A
<b>Sub-total</b>	\$1,736,600.00	\$1,650,000.00	N/A	\$244,527.00	N/A
<b>Total for all systems</b>	\$6,062,885.16	\$5,799,275.16	N/A	\$545,462.62	N/A

## Components

Actual Information	
Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	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.
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	

	<p><b>Component Description:</b> WRBW- Tower and T Bar 50% deposit</p> <p><b>Amount:</b> \$244,527.00</p>
<p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p>	<p><b>Component Description:</b> WRBW- Engineering costs- Full site survey</p> <p><b>Amount:</b> \$24,277.36</p>
<p>Major tower reinforcement /modifications</p>	<p>Information not provided.</p>

**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 Cost Justification
<b>Outside Professional Services</b>	<b>\$275,245.00</b>	<b>\$261,750.00</b>		<b>\$65,519.86</b>	
FCC Progress Reports Prep and File	<i>\$24,000.00</i>	\$24,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	\$24,277.36	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or	\$4,210.00	\$4,000.00	N/A	N/A	N/A

License  
Application

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main),	\$3,155.00	\$3,000.00	N/A	N/A	N/A

Construction  
Permit  
Application

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$118,500.00	\$112,500.00	Catalog	\$41,242.50	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$275,245.00</b>	<b>\$261,750.00</b>	<b>N/A</b>	<b>\$65,519.86</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$6,062,885.16</b>	<b>\$5,799,275.16</b>	<b>N/A</b>	<b>\$545,462.62</b>	<b>N/A</b>

**Components**

Actual Information	
Description	File Name
FCC Progress Reports Prep and File	Information not provided.
Comprehensive coverage verification via field study, if needed	

	<p><b>Component Description:</b> Full Site Survey WRBW- resubmitted per reviewers request to split between stations. This inv for WRBW only. Discounted pricing per quote based on 2 stations. WOFL (fac ID 41225) inv submitted and reimb separately inv 9500078539.</p> <p><b>Amount:</b> \$24,277.36</p>
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section	Information not provided.

of FCC Form 2100 (main), License to Cover Application																	
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), Construction Permit Application	Information not provided.																
Perform engineering study for new channel assignment and antenna development	Information not provided.																
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.																
Project management of the transition	<table border="0"> <tr> <td><b>Component Description:</b></td> <td>RF Consulting /Project Management 1/1 /18 - 12/31/18</td> </tr> <tr> <td><b>Amount:</b></td> <td>\$18,976.25</td> </tr> <tr> <td><b>Component Description:</b></td> <td>RF Consulting /Project Management 1/1 /19 - 12/31/19</td> </tr> <tr> <td><b>Amount:</b></td> <td>\$18,682.50</td> </tr> <tr> <td><b>Component Description:</b></td> <td>RF Consulting /Project Management 1/5 /17 - 12/31/17</td> </tr> <tr> <td><b>Amount:</b></td> <td>\$3,583.75</td> </tr> <tr> <td><b>Component Description:</b></td> <td>WRBW- RF Consulting Services</td> </tr> <tr> <td><b>Amount:</b></td> <td>\$15,686.25</td> </tr> </table>	<b>Component Description:</b>	RF Consulting /Project Management 1/1 /18 - 12/31/18	<b>Amount:</b>	\$18,976.25	<b>Component Description:</b>	RF Consulting /Project Management 1/1 /19 - 12/31/19	<b>Amount:</b>	\$18,682.50	<b>Component Description:</b>	RF Consulting /Project Management 1/5 /17 - 12/31/17	<b>Amount:</b>	\$3,583.75	<b>Component Description:</b>	WRBW- RF Consulting Services	<b>Amount:</b>	\$15,686.25
<b>Component Description:</b>	RF Consulting /Project Management 1/1 /18 - 12/31/18																
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<b>Component Description:</b>	WRBW- RF Consulting Services																
<b>Amount:</b>	\$15,686.25																

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Prepare and or review  
reimbursement form

Information not provided.

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**Cost Information**

**Other Expenses**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$104,690.00</b>	<b>\$104,085.00</b>		<b>\$0.00</b>	
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$1,500.00</i>	\$1,500.00	N/A	N/A	N/A
Equipment Storage	<i>\$20,000.00</i>	\$20,000.00	Storage and staging of equipment.	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$35,000.00</i>	\$35,000.00	Shipping, Transmission Line, Antenna, Transmitters, etc.	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$15,000.00</i>	\$15,000.00	Disposal of glycol & Beam Supplies	N/A	N/A
Non-zoning permits	<i>\$15,000.00</i>	\$15,000.00	Mechanical Permits	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
<b>Sub-total</b>	\$104,690.00	\$104,085.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$6,062,885.16	\$5,799,275.16	N/A	\$545,462.62	N/A

### Components

Information not provided.

**Cost Information** **Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$6,062,885.16	\$5,799,275.16	\$545,462.62

**Reimbursement Status**

<b>Question</b>	<b>Response</b>
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

Certification	Section	Question	Response
	<p><b>Submission of Estimated Expenses Statements</b></p>	<p>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.</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> <li>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</li> </ol>	

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 above-named applicant for the Authorization(s) specified above.

**Angelo  
Servedio**  
*SVP  
Controller*

11/10/2020

Certification	Section	Question	Response
	<b>Submission of Actual Cost Documentation Statements</b>	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>4. The above-named entity acknowledges the submission of the information herein</li> </ol>	

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

<p>must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Angelo Servedio</b>  <i>SVP  Controller</i></p> <p>11/10/2020</p>

**Attachments**