



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **41225** | Service: **DTV** | Call **WOFL** | Channel: **33 (UHF)** |  
ID:  
File **0000027525**  
Number:  
FRN: **0005795067** | Date **07/31**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>FOX TELEVISION STATIONS, LLC</b>	Ann West Bobeck 400 N. CAPITOL STREET, NW SUITE 890 WASHINGTON, DC 20001 United States	+1 (202) 824-6503	ann. bobeck@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.		No
Briefly describe transition plan		The WOFL Tower will require replacement in order to meet current structural standards. A new Aux Transmitter would be installed at Aux site. Then new main site antenna, line, and Transmitter would be installed. Narrative Attached.

**Transmitters**

Section	Question	Response
Transmitter Related Expenses	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 Facility
	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
54940	WRBW

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

Section	Question	Response
New Transmitter	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	Current aux transmitter is obsolete and manufacturer is no longer in business. Transmitter needs replacement for operation on new channel.

**Auxiliary  
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	500 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches

	Length	200.0 feet
	Other Electrical Service	Yes
	Description	Aux Transmitter Electrical Installation. Good faith estimated based upon similar projects. Total electrical costs will not be known until electrical distribution and installation drawings are completed.
<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
Remote Control Wiring	Wire up existing remote control to new aux transmitter.
Remove Existing Equipment	Remove Existing Equipment

**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	DCX-2H
	Year	2000
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	45 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	THU9-72 EVO
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	106 kW
	Justification for New Transmitter	Existing transmitter is obsolete and no longer supported by its manufacturer. Thus, replacement is required. Comark IOT Quote is attached as directed by Reimbursement Contractor.

**Primary  
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	500 kVA
	Rigid Conduit and Wiring	Yes



	Size	3 inches
	Length	300.0 feet
	Other Electrical Service	Yes
	Description	Electrical for New Transmitter Installation. Firm quotes will not be available until electrical drawings are completed and installation layout is completed. New transmitter will require extensive changes.
<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
STL Install		Installation of STL equipment
Generator		Main transmitter generator
Remote Control Wiring		Wire up existing remote control to new transmitter.
Removal of Existing Equipment		Removal of Existing Equipment.

**Antennas**

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

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

Section	Question	Response
Existing Antenna Description	Type of change	Retune Existing
	Antenna Use	Auxiliary (Backup)
	Description of Use	Licensed Aux Facility
	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
Existing Antenna Manufacturer and Type	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	518.00 MHz
Upper Limit	524.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power) .....	227.0 kW
Manufacturer	Dielectric
Model	TUA-C4-10 /32MSP-1-S
Year	2008

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

Facility ID	Call Sign
54940	WRBW

### 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
28
33

Auxiliary  
Antenna

Other Antenna Cost Not Listed

Name	Description
Combiner Layout and Install	Layout of combiner and Installation. Develop layout and installation drawings and permit package for mechanicals.

**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	Not in Stack
	Polarization	Elliptical
	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) .....	607.0 kW

Manufacturer	
Model	TFU-26JTH /VP-R 06
Year	2009

**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	Not in Stack
	Polarization	Elliptical
	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)	770.0 kW
	Manufacturer	
	Model	ATW30H4-



	ETO-33H
Year	2017
Justification for New Antenna	Existing main antenna will not work on new channel. Antenna replacement is required.

## 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	8 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	Yes

	transmission line and antenna?	
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**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
Existing Transmission Line Description	Type of change	Utilize Existing
	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
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	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

**Auxiliary**      **Other Transmission Line Expenses Not Listed**  
**Transmission Line**      **None**      Information not provided.

**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	8 3/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1500 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	8 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1500 feet per run
	Justification for New Transmission Line	Existing line is incorrect length for new channel. Line replacement required.

**Primary**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
<b>Layout</b>	ERI Transmission Line Layout. Develop layout for new transmission line runs building/ice bridge/Tower

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

**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**

Information not provided.

## Primary Tower

### Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Construct New
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1032097
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	28° 36' 14.0" N-
	Longitude (NAD83)	081° 05' 10.0" W-
	Overall Structure Height	1473.08 feet
	Support Structure Height	1407.46 feet
	Ground Elevation Above Mean Sea Level (AMSL)	62.99 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Fox Television

	Stations, LLC
Date Constructed	12/01/1973

**Primary  
Tower**

**Tower Construction Costs**

Section	Question	Response
<b>Construct New Tower</b>	Use	Primary (Main)
	Description of Use	N/A
	Is this a request for upgraded equipment?	No
	Height	1473.00 feet
	Justification for New Tower	Existing tower will not pass structural analysis under REV G.. Modification of the tower is not considered viable solution. See attached letter and quote from ERI regarding tower replacement.

**Primary  
Tower**

**Tower Rigging Costs**

Section	Question	Response
<b>Tower Rigging Costs</b>	Complex Tower	N/A
<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	1000
	Explanation	Outside project management will be required for replacement tower project as well as other aspects of the transition for both the main and aux sites.
<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	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other</b>	Prepare and file Form FCC Construction	Yes

<b>Outside Consulting Services</b>	Permit Application	
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	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	Yes
	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
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**Local Zoning Attorney Fees**

Local Zoning Attorney Fees - See attached quote.

**Prepare and File FCC Progress Report**

Prepare and file FCC Progress Reports - see attached quote.

## Other Expenses

Section	Question	Response
<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	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
<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



<b>Other Expenses</b>	<b>Other Expenses Not Listed</b> Information not provided.
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## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter THU9-72 EVO	\$3,119,606.00	\$2,605,782.00		\$890,089.38	
Generator	<i>\$237,172.00</i>	\$237,172.00	See quote #O1804-0105 TAW Power Systems, attached to invoice	\$125,726.16	N/A
Removal of Existing Equipment	<i>\$15,000.00</i>	\$15,000.00	Removal of existing main transmitter.	N/A	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
STL Install	<i>\$55,994.00</i>	\$55,994.00	ERI STL install quote attached to invoices.	\$27,997.00	N/A
Other Electrical Service: Electrical for New Transmitter Installation. Firm quotes will not be available until	<i>\$113,940.00</i>	\$113,940.00	See quote from Diamond Electrical attached to invoice.	\$102,546.00	N/A

electrical drawings are completed and installation layout is completed. New transmitter will require extensive changes.					
3" Rigid Conduit and Wiring (Cost per foot)	\$15,600.00	\$14,700.00	Catalog	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 86.8 . 106 kW	\$2,630,000.00	\$2,119,476.00	N/A	\$633,820.22	N/A
Transformer 3 phase /480v - 500 KVA	\$48,400.00	\$46,000.00	Catalog	N/A	N/A
<b>Auxiliary Transmitter THU9EVO-8</b>	<b>\$616,920.00</b>	<b>\$589,420.00</b>		<b>\$0.00</b>	
Remove Existing Equipment	<b>\$15,000.00</b>	\$15,000.00	Removal of 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	\$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
Other Electrical Service: Aux Transmitter Electrical Installation. Good faith estimated based upon similar projects. Total electrical costs will not be known until electrical distribution and installation drawings are completed.	<b>\$45,120.00</b>	\$45,120.00	See attached vendor quote for electrical installation of new transmitter. Aux electrical costs will be similar to main transmitter costs.	N/A	N/A
Remote Control Wiring	<b>\$3,500.00</b>	\$3,500.00	Wire up existing remote control to new transmitter.	N/A	N/A
<b>Sub-total</b>	\$3,736,526.00	\$3,195,202.00	N/A	\$890,089.38	N/A
<b>Total for all systems</b>	\$9,647,399.14	\$8,540,200.14	N/A	\$4,277,573.74	N/A

## Components

Actual Information	
Description	File Name
Generator	

	<b>Component Description:</b> Main transmitter generator <b>Amount:</b> \$125,726.16
Removal of Existing Equipment	Information not provided.
Remote Control Wiring	Information not provided.
STL Install	<b>Component Description:</b> ERI STL Install. 50% at time of order. <b>Amount:</b> \$27,997.00
Other Electrical Service: Electrical for New Transmitter Installation. Firm quotes will not be available until electrical drawings are completed and installation layout is completed. New transmitter will require extensive changes.	<b>Component Description:</b> Electrical work for transmitter <b>Amount:</b> \$102,546.00
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 86.8 . 106 kW	<b>Component Description:</b> Transmitter 50% down. Includes upgrade. Variance and quotes attached. <b>Amount:</b> \$633,820.22
Transformer 3 phase/480v - 500 KVA	Information not provided.
Remove Existing Equipment	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Information not provided.
Transformer 3 phase/480v - 500 KVA	Information not provided.

3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Other Electrical Service: Aux Transmitter Electrical Installation. Good faith estimated based upon similar projects. Total electrical costs will not be known until electrical distribution and installation drawings are completed.	Information not provided.
Remote Control Wiring	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 ATW30H4- ETO-33H</b>	<b>\$311,480.00</b>	<b>\$295,900.00</b>		<b>\$0.00</b>	
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 , elliptically or circularly polarized	\$289,500.00	\$275,000.00	Catalog	N/A	N/A
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	\$15,250.00	\$14,500.00	Catalog	N/A	N/A
<b>Auxiliary Antenna TUA-C4-10 /32MSP-1-S</b>	<b>\$119,630.00</b>	<b>\$114,400.00</b>		<b>\$0.00</b>	
Combiner Layout and Install	<i>\$15,000.00</i>	\$15,000.00	Install combiner and interconnecting coaxial lines at	N/A	N/A

			Aux site. \$ 2,500/Day x 6 Days.		
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>	\$431,110.00	\$410,300.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$9,647,399.14	\$8,540,200.14	N/A	\$4,277,573.74	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
Primary Transmission Line	\$531,875.00	\$506,375.00		\$0.00	
Rigid Transmission Line - copper, 8 3 /16"	\$520,500.00	\$495,000.00	Catalog	N/A	N/A
Layout	<i>\$11,375.00</i>	\$11,375.00	ERI Estimate for T/L layout and plan. See attached quote.	N/A	N/A
Auxiliary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$531,875.00	\$506,375.00	N/A	\$0.00	N/A
Total for all systems	\$9,647,399.14	\$8,540,200.14	N/A	\$4,277,573.74	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
Primary Tower TOWER	\$0.00	\$0.00		\$0.00	
Auxiliary Tower GTOWER	\$210,500.00	\$0.00		\$0.00	
Tall Tower (greater than 500')	\$210,500.00	\$0.00	N/A	N/A	N/A
Primary Tower	\$4,084,490.00	\$3,747,885.00		\$3,271,665.75	
Tall Tower (greater than 500')	\$210,500.00	\$0.00	Catalog	N/A	N/A
New tower between 1000' and 1500' without elevator, presumptive soil conditions	\$3,873,990.00	\$3,747,885.00	See ERI Quote Attached. Replacement of tower required due to Rev G of Structural Standard.	\$3,271,665.75	N/A
Sub-total	\$4,294,990.00	\$3,747,885.00	N/A	\$3,271,665.75	N/A
Total for all systems	\$9,647,399.14	\$8,540,200.14	N/A	\$4,277,573.74	N/A

Components

Actual Information Description	File Name
Tall Tower (greater than 500')	Information not provided.

Tall Tower (greater than 500')	Information not provided.	
New tower between 1000' and 1500' without elevator, presumptive soil conditions	<b>Component Description:</b>  <b>Amount:</b>	ERI- Phase 2 tower permitting 50% deposit \$5,500.00
	<b>Component Description:</b>  <b>Amount:</b>	Custom tower with T-Bar. 50% prior to shipping. \$881,160.00
	<b>Component Description:</b>  <b>Amount:</b>	ASM- Updated boundary survey Tower site and transmission bldg. Resubmitted to include the correct vendor quote \$5,000.00
	<b>Component Description:</b>  <b>Amount:</b>	ERI- Tower with T bar 50% deposit- WOFL \$1,767,032.00
	<b>Component Description:</b>  <b>Amount:</b>	Custom Tower with T-Bar. 30% prior to mobilization. \$540,384.20
	<b>Component Description:</b>  <b>Amount:</b>	ERI- Tower Corrosion Assessment \$11,130.00

<b>Component Description:</b>	ERI- tower reinforcement 50% deposit
<b>Amount:</b>	\$55,959.55

<b>Component Description:</b>	ERI- Phase 2 Tower permitting remaining 50% due.
<b>Amount:</b>	\$5,500.00

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## 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>\$409,135.00</b>	<b>\$437,280.00</b>		<b>\$107,063.61</b>	
Project management of the transition	\$158,000.00	\$150,000.00	Catalog Estimate 1,000 hours	\$63,417.36	N/A
Prepare and File FCC Progress Report	<i>\$27,030.00</i>	\$27,030.00	Prepare and file quarterly reports. See attached vendor quote.	N/A	N/A
Local Zoning Attorney Fees	<i>\$55,000.00</i>	\$55,000.00	Estimate for attorneys for zoning and permitting for new tower. See attached quote from Holland & Knight.	\$19,368.89	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	Catalog	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	Catalog	\$24,277.36	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	Catalog	N/A	N/A
RF Consulting	\$2,105.00	\$2,000.00	Catalog	N/A	N/A

Engineer Fees-  
Aux Antenna:  
Prepare  
engineering  
section of FCC  
Form 2100,  
Construction  
Permit  
Application

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	Catalog	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	Catalog	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	Catalog	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	Catalog	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$50,000.00	Good Faith Estimate of environmental studies and assessments required by State of Florida for construction of new tower. \$250/Hour X 200 hours	N/A	N/A

NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	Catalog	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$7,000.00	Catalog	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	Catalog	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	Catalog	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	Catalog	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	Catalog	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$3,000.00	Catalog	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	Catalog	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	New Tower	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	Catalog Estimate	N/A	N/A
<b>Sub-total</b>	\$409,135.00	\$437,280.00	N/A	\$107,063.61	N/A
<b>Total for all systems</b>	\$9,647,399.14	\$8,540,200.14	N/A	\$4,277,573.74	N/A

## Components

Actual Information	
Description	File Name
Project management of the transition	<p><b>Component Description:</b> Project Management/RF Consulting 1/1/19-12/31/19</p> <p><b>Amount:</b> \$1,077.08</p>



	<p><b>Component Description:</b> Project Management/RF Engineering 1/5 /2017 - 12/31/17</p> <p><b>Amount:</b> \$3,583.75</p>
	<p><b>Component Description:</b> Project Management/RF Engineering 1/4 /18-12/31/18</p> <p><b>Amount:</b> \$594.03</p>
	<p><b>Component Description:</b> Project Management/RF Engineering 1/1 /19-12/31/19</p> <p><b>Amount:</b> \$17,096.25</p>
	<p><b>Component Description:</b> Project Management/RF Consulting 1/1/18-12/31/18.</p> <p><b>Amount:</b> \$18,153.75</p>
	<p><b>Component Description:</b> RF consulting services- WOFL</p> <p><b>Amount:</b> \$22,912.50</p>
	<p><b>Component Description:</b> Project Management/RF Consulting 1/1/17-12/31/17</p> <p><b>Amount:</b> \$22,912.50</p>
Prepare and File FCC Progress Report	Information not provided.
Local Zoning Attorney Fees	

	<b>Component Description:</b> tower zoning variance legal fees	
	<b>Amount:</b> \$5,505.00	
	<b>Component Description:</b> Tower Zoning Variance srvs 5/7 /18 - 5/31/18	
	<b>Amount:</b> \$502.50	
	<b>Component Description:</b> Tower zoning variance legal fees	
	<b>Amount:</b> \$472.50	
	<b>Component Description:</b> Tower zoning variance legal fees	
	<b>Amount:</b> \$270.00	
	<b>Component Description:</b> Tower Zoning Variance srvs 6/12 /18 - 7/31/18	
	<b>Amount:</b> \$5,516.39	
	<b>Component Description:</b> Tower Zoning Variance srvs 6/6 /18 - 6/30/18	
	<b>Amount:</b> \$3,780.00	
	<b>Component Description:</b> Tower Zoning Variance srvs 8/1 /18 - 8/31/18	
	<b>Amount:</b> \$4,065.00	
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	<b>Component Description:</b> WOFL full site survey	
	<b>Amount:</b> \$24,277.36	

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), 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.
Prepare and or review reimbursement form	Information not provided.
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
NEPA Section 106 environmental review, if needed	Information not provided.
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	Information not provided.

File FCC Form 2100 (main), Construction Permit Application	
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.
ASR modification (prepare FCC Form 854)	Information not provided.
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.

## 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>\$243,763.14</b>	<b>\$243,158.14</b>		<b>\$8,755.00</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>\$13,500.00</i>	\$13,500.00	On Site Cargo Container Storage for transmission line materials, tower materials, transmitter. \$1,500 x 9 Months = \$13,500.	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$69,368.14</i>	\$69,368.14	Tower and Guy Wire and materials delivery from Indiana to Florida per ERI. See attached ERI Freight Quote.	N/A	N/A
Disposal	<i>\$80,000.00</i>	\$80,000.00	Removal and	N/A	N/A

Costs (for equipment and other waste, net of any salvage value)			disposal of old tower and guy materials, \$45K. Disposal Main TX \$ 20K. Disposal Aux TX \$ 15K See attached vendor Quote.		
Non-zoning permits	<b>\$56,205.00</b>	\$56,205.00	Estimated building permit fee for new tower. Orange County, Florida. 1.5% of tower project total cost. (\$3,747,000 x 1.5%) = \$56,205.	N/A	N/A
Local Zoning	<b>\$5,000.00</b>	\$5,000.00	Replacement tower zoning submittals.	\$1,560.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	Catalog	N/A	N/A

DTV Medical Facility Notification	\$11,550.00	\$11,000.00	Catalog	\$7,195.00	N/A
<b>Sub-total</b>	\$243,763.14	\$243,158.14	N/A	\$8,755.00	N/A
<b>Total for all systems</b>	\$9,647,399.14	\$8,540,200.14	N/A	\$4,277,573.74	N/A

## Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
Local Zoning	<p><b>Component Description:</b> WOFL Special exception Fee for Communication Tower- Zoning Application</p> <p><b>Amount:</b> \$1,560.00</p>
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Form	Information not provided.

2100 minor change CP  
application

DTV Medical Facility  
Notification

**Component Description:**

DTV Notification  
Service for medical  
facilities

**Amount:**

\$7,195.00



Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$9,647,399.14	\$8,540,200.14	\$4,277,573.74

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<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

07/31/2020

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	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).	
		<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> SVP Controller</p> <p>07/31/2020</p>

## Attachments