



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **67786** | Service: **DTV** | Call **WTCT** | Channel: **30 (UHF)** |  
ID: | Sign:  
File **0000027991**  
Number:  
FRN: **0005077524** | Date **05/18**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>RADIANT LIFE MINISTRIES, INC.</b>	Michael Daly PO Box 1010 MARION, IL 62959 United States	+1 (618) 997- 4700	mjd@tct. tv	Not-for- Profit

## 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
The Preparer is same as the reimbursement contact.			

## Broadcaster Information and Transition Plan

Question	Response
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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	WTCT has transitioned from ch. 17 to ch. 30 service at its current transmitting location, requiring replacement of its single IOT main transmitter, solid state back up transmitter and main antenna due to channel incompatibility and non-support issues.

## Transmitters

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

**Auxiliary  
Transmitter****Add Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Back up to main
	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	Ranger
	Year	2003
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1 kW

**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	UAXTE
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1 kW
	Justification for New Transmitter	Current transmitter is no longer manufactured or supported by Gates Air (Harris) and is not retunable to channel 30.

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

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	1 inches
	Length	50.0 feet

	Other Electrical Service	No
	Description	N/A
<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**

Information not provided.

**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
	Year	2005
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	30 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?	No
	Manufacturer	
	Model	ULXTE-80
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	50.1 kW
	Justification for New Transmitter	WTCT's existing single tube 30kw IOT txmtr is no longer manufactured or supported and is not retunable to ch 30. WTCT's repack channel and ERP, given equivalent antenna parameters, also requires a higher TPO (50.1Kkw) than a single IOT transmitter can sup

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	50.0 feet
	Other Electrical Service	No
	Description	N/A
<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
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**Transmitter removal**

Due to space restrictions in WTCT's transmitter building, the station will be required to deconstruct its existing main and backup transmitters, install an interim and then new main txmtr

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**Antennas**

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

**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?	No
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	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) .....	800.0 kW

Manufacturer	
Model	ATW22H3- HSO-17S
Year	2003

Primary  
Antenna

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 Manufacturer and Types	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) .....	1000.0 kW
	Manufacturer	

Model	ATW25H3-ETO-30H
Year	2018
Justification for New Antenna	WTCT's existing antenna is a channel specific slotted cylinder antenna and is not compatible with new repack channel.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	
	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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	

<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<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.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	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) .....	25.0 kW
	Manufacturer	
	Model	TFU-WB8-R
	Year	2018



	Justification for New Antenna	Interim antenna required to maintain on air signal continuity during main antenna replacement and tower reinforcement operations.
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## Interim Antenna

### Other Antenna Costs

Section	Question	Response
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an 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?	No

## Interim 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

**Primary Transmission Line****Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	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 Line Manufacturer and Type	Manufacturer	ERI
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	470 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Line extension in Bldg	Main transmitter's rigid tx line will need to be extended approximately 30 feet within the transmitter building to new transmitter location.

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	450 feet per run
	Justification for New Transmission Line	Required for interim antenna installation

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower Equipment And Rigging Costs**

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

**Primary Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1040116
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	37° 33' 26.0" N-
	Longitude (NAD83)	089° 01' 24.0" W-
	Overall Structure Height	498.68 feet
	Support Structure Height	436.35 feet
	Ground Elevation Above Mean Sea Level (AMSL)	839.88 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	TRI STATE CHRISTIAN TV
	Date Constructed	10/10/1982

### Primary Tower

#### Tower Modification Costs

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

### Primary Tower

#### Tower Rigging Costs

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

### Primary Tower

#### Other Tower Expenses Not Listed

Name	Description
Tower Structural Analysis	Tower analysis performed by ERI to determine if modifications are required for proposed post-repack tower load.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	595
	Explanation	WTCT does not have adequate qualified internal staff to manage the construction planning, scheduling, coordination and inspection tasks required to complete this project in a timely and safe manner.
<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	No
	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
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
<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
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Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Construction management expense	Outside construction management services



## 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	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?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
Antenna system unloading	Rigging fee to off load antenna system components after delivery on site

## 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 ULXTE-80</b>	<b>\$1,322,534.90</b>	<b>\$1,309,234.90</b>		<b>\$1,274,606.16</b>	
3" Rigid Conduit and Wiring (Cost per foot)	\$2,600.00	\$2,500.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 50.1 kW	<i>\$1,281,734.90</i>	\$1,281,734.90	Please see Estimated Cost Justification WTCT-110-1st Primary Transmitter - ULXTE-80 v0	\$1,274,606.16	N/A
Transmitter removal	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$25,000.00	N/A	N/A	N/A
<b>Auxiliary Transmitter UAXTE</b>	<b>\$126,850.00</b>	<b>\$120,850.00</b>		<b>\$0.00</b>	
1" Rigid Conduit and Wiring	<i>\$850.00</i>	\$850.00	N/A	N/A	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$120,000.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$1,449,384.90</b>	<b>\$1,430,084.90</b>	N/A	<b>\$1,274,606.16</b>	N/A

<b>Total for all systems</b>	\$2,578,965.10	\$2,288,143.46	N/A	\$1,770,841.85	N/A
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## Components

Actual Information Description	File Name
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 50.1 kW	<div> <b>Component Description:</b> Transmitter  <b>Amount:</b> \$408,576.57 </div> <div> <b>Component Description:</b> ULXTE-80 Transmitter  <b>Amount:</b> \$420,868.02 </div> <div> <b>Component Description:</b> Labor and materials per quote for install of electrical system for transmitter at Goreville site  <b>Amount:</b> \$36,585.00 </div> <div> <b>Component Description:</b> 1/3 down payment ULXTE-80 transmitter  <b>Amount:</b> \$408,576.57 </div>
Transmitter removal	Information not provided.
Switchgear - industrial 800 amp	Information not provided.
1" Rigid Conduit and Wiring	Information not provided.
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	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>Interim Antenna TFU-WB8-R</b>	<b>\$0.00</b>	<b>\$0.00</b>		<b>\$0.00</b>	
UHF - High Power, Side Mount, basic slot antenna, 25 kW input, horizontally polarized	<i>\$0.00</i>	\$0.00	Interim antenna was provided for \$0.00 from ERI due to scheduling issues	N/A	N/A
<b>Primary Antenna ATW25H3-ETO-30H</b>	<b>\$303,410.00</b>	<b>\$217,470.36</b>		<b>\$66,063.60</b>	
Sweep test of existing antenna	\$6,730.00	\$6,500.00	Per RF Analytical Quote 18072019-01	\$6,500.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$4,800.00	N/A	N/A	N/A

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$204,250.36	Please see attached DTVPros Quote JEHQ1361-03C, DTVPros Quote JEHQ1361-03D, and ERI Letter of Justification for Top Mount Antenna	\$57,643.60	N/A
UHF - High Power, Side Mount, broadband panel, 23 bay,, 1000 kW input, horizontally polarized	<b>\$1,920.00</b>	\$1,920.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Please see attached DTVPros Quote JEHQ1361-03C	\$1,920.00	N/A
<b>Sub-total</b>	\$303,410.00	\$217,470.36	N/A	\$66,063.60	N/A
<b>Total for all systems</b>	\$2,578,965.10	\$2,288,143.46	N/A	\$1,770,841.85	N/A

## Components

Actual Information	
Description	File Name
UHF - High Power, Side Mount, basic slot antenna, 25 kW input, horizontally polarized	Information not provided.

Sweep test of existing antenna	<div> <b>Component Description:</b> Repack sweep tests per quote</div> <div> <b>Amount:</b> \$4,580.00</div>
	<div> <b>Component Description:</b> WTCT-210-Primary Antenna - Sweep Test</div> <div> <b>Amount:</b> \$1,920.00</div>
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<div> <b>Component Description:</b> Top Mount Antenna</div> <div> <b>Amount:</b> \$57,643.60</div>
UHF - High Power, Side Mount, broadband panel, 23 bay,, 1000 kW input, horizontally polarized	<div> <b>Component Description:</b> WTCT-210-Primary Antenna - UHF High Power Side Mount, H-POL</div> <div> <b>Amount:</b> \$1,920.00</div> <div> <b>Component Description:</b> UHF-High Power Top Mount (200-1000KW) ATW25H3-HTO-30H antenna</div> <div> <b>Amount:</b> \$57,643.61</div>

Cost  
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$26,550.00	\$0.00		\$0.00	
Flexible Air Transmission Line - dielectric, 3"	\$26,550.00	\$0.00	WTCT's interim transmission line was already available on the tower and was used by ERI free of charge	N/A	N/A
Primary Transmission Line	\$18,130.20	\$18,130.20		\$8,887.99	
Line extension in Bldg	<i>\$18,130.20</i>	\$18,130.20	Please see Estimated Cost Justification WTCT-310-Primary Transmission Line - Line Extension in Transmitter Building v0	\$8,887.99	N/A
Sub-total	\$44,680.20	\$18,130.20	N/A	\$8,887.99	N/A
Total for all systems	\$2,578,965.10	\$2,288,143.46	N/A	\$1,770,841.85	N/A

Components

Actual Information Description	File Name
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Flexible Air Transmission Line - dielectric, 3"	Information not provided.	
Line extension in Bldg	<b>Component Description:</b> <b>Amount:</b>	Andrew 1 5/8" Virtual Foam Cable \$4,927.05
	<b>Component Description:</b> <b>Amount:</b>	WTCT-310- Primary Transmission Line - Line Extension in Transmitter Building \$3,960.94

## 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>\$535,300.00</b>	<b>\$398,448.00</b>		<b>\$361,669.20</b>	
Major tower reinforcement /modifications	\$421,000.00	\$249,242.00	Please see Major Reinforcements and Tower Rigging Revision Justification Cover Letter	\$226,593.80	N/A
Short Tower (less than 500')	\$84,200.00	\$141,306.00	Please see Major Reinforcements and Tower Rigging Revision Justification Cover Letter	\$127,175.40	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$4,100.00	Please see attached ERI Proposal 20171219-592	\$4,100.00	N/A
Tower Structural Analysis	<i>\$3,800.00</i>	\$3,800.00	Please see attached ERI Proposal 20171219-592	\$3,800.00	N/A
<b>Sub-total</b>	<b>\$535,300.00</b>	<b>\$398,448.00</b>	<b>N/A</b>	<b>\$361,669.20</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$2,578,965.10</b>	<b>\$2,288,143.46</b>	<b>N/A</b>	<b>\$1,770,841.85</b>	<b>N/A</b>

## Components

Actual Information	File Name
Description	
Major tower reinforcement /modifications	<div> <b>Component Description:</b> Reinforcing Material         </div> <div> <b>Amount:</b> \$116,292.00         </div>
	<div> <b>Component Description:</b> Reinforcing Material         </div> <div> <b>Amount:</b> \$110,301.80         </div>
	<div> <b>Component Description:</b> WTCT-410- Existing Primary Tower - Tower Rigging, Short Tower         </div> <div> <b>Amount:</b> \$58,153.00         </div>
	<div> <b>Component Description:</b> WTCT-410- Existing Primary Tower - Tower Rigging, Short Tower         </div> <div> <b>Amount:</b> \$69,022.40         </div>
Short Tower (less than 500')	
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<div> <b>Component Description:</b> Includes onsite climbing and ground inspections of the subject tower by an ERI engineer to document current condition,         </div> <div> <b>Amount:</b> \$4,100.00         </div>

Tower Structural Analysis	<table><tr><td data-bbox="719 174 1027 210"><b>Component Description:</b></td><td data-bbox="1161 174 1374 329">WTCT-410- Existing Primary Tower - Structural Analysis</td></tr><tr><td data-bbox="719 338 831 367"><b>Amount:</b></td><td data-bbox="1161 338 1281 367">\$3,800.00</td></tr></table>	<b>Component Description:</b>	WTCT-410- Existing Primary Tower - Structural Analysis	<b>Amount:</b>	\$3,800.00
<b>Component Description:</b>	WTCT-410- Existing Primary Tower - Structural Analysis				
<b>Amount:</b>	\$3,800.00				

## 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 Cost Justification
<b>Outside Professional Services</b>	<b>\$222,500.00</b>	<b>\$203,925.00</b>		<b>\$56,219.90</b>	
Construction management expense	<i>\$12,000.00</i>	\$12,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$50,000.00	N/A	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	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	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 - 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	\$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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A

Project management of the transition	\$94,010.00	\$111,675.00	per Widelity Quote	\$56,219.90	N/A
<b>Sub-total</b>	\$222,500.00	\$203,925.00	N/A	\$56,219.90	N/A
<b>Total for all systems</b>	\$2,578,965.10	\$2,288,143.46	N/A	\$1,770,841.85	N/A

## Components

Actual Information	
Description	File Name
Construction management expense	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover 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.
Prepare engineering section of FCC Form 2100 (main), License to Cover 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.	
Prepare and or review reimbursement form	Information not provided.	
Project management of the transition	<b>Component Description:</b> <b>Amount:</b>	Project Management \$40.95
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$1,620.55
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$1,229.70
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$4,513.80
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$1,335.20
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$1,558.20
	<b>Component Description:</b> <b>Amount:</b>	Project Management \$1,372.55



<b>Component Description:</b>	Project Management - May 2018
<b>Amount:</b>	\$2,579.10

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,764.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,661.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,857.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,344.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,347.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,775.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$80.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,881.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,173.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,206.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,197.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,743.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,743.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,583.10

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,377.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,387.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,708.25

**Component Description:**

Project  
Management

**Amount:**

\$2,880.45

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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>\$23,690.00</b>	<b>\$20,085.00</b>		<b>\$3,395.00</b>	
Antenna system unloading	<i>\$1,000.00</i>	\$1,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$2,500.00</i>	\$2,500.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$2,500.00</i>	\$2,500.00	N/A	\$445.00	N/A
Non-zoning permits	<i>\$500.00</i>	\$500.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<b>\$2,000.00</b>	\$2,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$8,000.00	N/A	\$2,950.00	N/A
<b>Sub-total</b>	\$23,690.00	\$20,085.00	N/A	\$3,395.00	N/A
<b>Total for all systems</b>	\$2,578,965.10	\$2,288,143.46	N/A	\$1,770,841.85	N/A

## Components

Actual Information Description	File Name
Antenna system unloading	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	<p><b>Component Description:</b> Lease on 8'X40' Tan Container #1473</p> <p><b>Amount:</b> \$445.00</p>
Non-zoning permits	Information not provided.
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 2100 minor change CP application	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
DTV Medical Facility Notification	<div> <div> <b>Component Description:</b> </div> <div>Medical Notification</div> </div> <div> <div> <b>Amount:</b> </div> <div>\$2,950.00</div> </div>

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,578,965.10	\$2,288,143.46	\$1,770,841.85

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	Yes
	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> </ol>	



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.

<p>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.</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>Michael Daly</b> <i>Secretary</i></p> <p>05/18/2020</p>

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> </ol>	

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.

<p>8. The above-named entity acknowledges that overpayments or payments in error 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>Michael Daly</b>  <i>Secretary</i></p> <p>05/18/2020</p>

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information 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 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 acknowledges that all certifications and attached documentation are considered material representations.</li> <li>2. 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> </ol>	

3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
4. 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.
5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
6. 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.

**Michael  
Daly**  
*Secretary*

05/18/2020

**Attachments**