



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **84802** | Service: **DTV** | Call **WBIH** | Channel: **34 (UHF)** |  
ID: | Sign:  
File **0000028233**  
Number:  
FRN: **0005077524** | Date **10/08**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>RADIANT LIFE MINISTRIES, INC.</b>	PO BOX 1010	+1 (618) 997-	jchautin@hardycarey. com	Not-for- Profit
Doing Business As: RADIANT LIFE MINISTRIES, INC.	MARION, IL 62959 United States	4700		

## 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>Stephen C Simpson</b> <i>Attorney at Law</i>	1250 Connecticut Avenue, NW Suite 700 Washington, DC 20036 United States	+1 (202) 408- 7035	simpson@scsimpsonlaw. 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		Installation of aux antenna and transmission line for operational continuity while main antenna is replaced. Installation of replacement transmitter will be required, and performed in parallel with antenna system changes. WBIH changes to ch. 34 from 29.

**Transmitters**

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

**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	TC-30-I-1- D 30.0 kW
	Year	2001
	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	THU9-16EVO
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	25.5 kW
	Justification for New Transmitter	Manufacturer of current transmitter is out of business. There is no availability of parts or support to retune the existing transmitter to new channel of operation.

**Primary  
Transmitter**

**Other Transmitter Costs**

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

	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	150.0 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**

Information not provided.

**Interim  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	THU9-4EVO
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	6.5 kW
	Justification for New Transmitter	Transmitter necessary due to building size to maintain operational continuity of WBIH during construction of new main transmitter, and new main antenna.

**Interim  
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)	Yes
	Power	150 kVA

	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 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
<b>Inside RF System</b>	Is an additional interior RF system required to support this interim transmitter?	Yes

**Interim Transmitter** **Other Transmitter Cost Not Listed**  
Information not provided.

**Antennas**

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



## Primary Antenna

### Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top 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)	1000.0 kW

Manufacturer	
Model	TFU-29JTT- R S360
Year	2001

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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?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
<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) .....	1000.0 kW
	Manufacturer	

Model	TFU-29ETT-R S360
Year	2017
Justification for New Antenna	Existing antenna is single channel slotted coaxial, which cannot be channel changed. Proposed new antenna is replacement model to existing antenna.

## 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?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches

<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?	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.

**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?	Yes
	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	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	16
	Lower Limit	560.00 MHz
	Upper Limit	596.00 MHz
	Design power capacity in use	10.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	101.5 kW
	Manufacturer	
	Model	TFU-16WB S230
	Year	2017

	Justification for New Antenna	Interim antenna will be used to maintain operational continuity on current channel. Additionally, antenna will function on repack channel in the event of weather and installation delays of full facility.
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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?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	3 1/8 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	Yes
<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

**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	Dielectric
	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	1200 feet per run



Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Transmission Line - Other Parts	Other parts required to reuse existing transmission line

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	500 feet per run
	Justification for New Transmission Line	Interim transmission line is utilized to feed interim antenna previously described. This antenna will ensure operational continuity during main antenna change, transmitter change, and accommodate construction and weather delays.

Interim	Other Transmission Line Expenses Not Listed
Transmission Line	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?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1210735
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	32° 32' 26.7" N-
	Longitude (NAD83)	086° 50' 32.7" W-
	Overall Structure Height	1207.01 feet
	Support Structure Height	1140.08 feet
	Ground Elevation Above Mean Sea Level (AMSL)	467.84 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Flinn Broadcasting Corporation
Date Constructed	10/17/2001

### 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?	Yes

### Primary Tower

#### Other Tower Expenses Not Listed

Name	Description
Interim Antenna Installation	Installation of interim antenna and transmission line near the 350' level

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	40
	Explanation	Land Communications is coordinating and project managing the repack construction activities for WBIH.
<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 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	1
	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	No
	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	No
	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**

Services not provided.

## 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	No
	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**

Name	Description
<b>Door modifications and concrete pad installation</b>	Door modifications required for new equipment installation, and concrete pad required for interim transmitter heat exchanger.



## 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>Interim Transmitter THU9-4EVO</b>	<b>\$489,950.00</b>	<b>\$561,150.85</b>		<b>\$286,267.05</b>	
UHF inside RF system including switching	\$147,500.00	\$140,000.00	N/A	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$355,650.85	The original quote and cost estimate was based on the initial quote from June 2017. That quote expired 30 days from generation. The manufactures current cost, with installation and commissioning is now reflected.	\$275,307.05	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$0.00	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	\$10,960.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	\$0.00	N/A
<b>Primary Transmitter THU9-16EVO</b>	<b>\$1,018,550.00</b>	<b>\$953,201.80</b>		<b>\$909,551.80</b>	

Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$27,912.00	Per Land Communications Budgetary Quote July 9 2017	\$27,912.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$881,639.80	Per Land Communications Budget Quote July 9 2017- This is not an upgrade; It is a replacement for an obsolete transmitter that cannot be re- tuned. Estimated costs from the Manufacturer changes since original quote. Price includes install & commissioning	\$881,639.80	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$7,800.00	\$7,350.00	N/A	\$0.00	N/A
<b>Sub-total</b>	\$1,508,500.00	\$1,514,352.65	N/A	\$1,195,818.85	N/A
<b>Total for all systems</b>	\$2,892,064.53	\$2,985,732.18	N/A	\$1,968,791.66	N/A

## Components

Actual Information	
Description	File Name
UHF inside RF system including switching	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	<div> <b>Component Description:</b> Rohde &amp; Schwarz THU9 6.5Kw Transmitter System         </div> <div> <b>Amount:</b> \$5,746.37         </div>
	<div> <b>Component Description:</b> Interim Transmitter - UHF Liquid Cooled Solid State, 4.9-6.5 kW         </div> <div> <b>Amount:</b> \$269,560.68         </div>
Switchgear - industrial 800 amp	Information not provided.
Transformer 3 phase/480v - 150 KVA	<div> <b>Component Description:</b> Interim Transmitter - 3 Phase, 480 V, 150 KVA Transformer         </div> <div> <b>Amount:</b> \$10,960.00         </div>
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 150 KVA	<div> <b>Component Description:</b> 3 Phase, 480 V, 150 KVA Transformer         </div> <div> <b>Amount:</b> \$27,912.00         </div>
Switchgear - industrial 800 amp	Information not provided.

<p>UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW</p>	<table> <tr> <td data-bbox="707 87 1145 315"> <p><b>Component Description:</b></p> </td><td data-bbox="1145 87 1428 315"> <p>Rohde &amp; Schwarz THU9 25.5Kw Transmitter System</p> </td></tr> <tr> <td data-bbox="707 315 1145 405"> <p><b>Amount:</b></p> </td><td data-bbox="1145 315 1428 405"> <p>\$254,889.38</p> </td></tr> <tr> <td data-bbox="707 405 1145 633"> <p><b>Component Description:</b></p> </td><td data-bbox="1145 405 1428 633"> <p>1st Primary Transmitter - UHF Liquid Cooled Solid State, 21-31 kW</p> </td></tr> <tr> <td data-bbox="707 633 1145 763"> <p><b>Amount:</b></p> </td><td data-bbox="1145 633 1428 763"> <p>\$626,750.42</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>Rohde &amp; Schwarz THU9 25.5Kw Transmitter System</p>	<p><b>Amount:</b></p>	<p>\$254,889.38</p>	<p><b>Component Description:</b></p>	<p>1st Primary Transmitter - UHF Liquid Cooled Solid State, 21-31 kW</p>	<p><b>Amount:</b></p>	<p>\$626,750.42</p>
<p><b>Component Description:</b></p>	<p>Rohde &amp; Schwarz THU9 25.5Kw Transmitter System</p>								
<p><b>Amount:</b></p>	<p>\$254,889.38</p>								
<p><b>Component Description:</b></p>	<p>1st Primary Transmitter - UHF Liquid Cooled Solid State, 21-31 kW</p>								
<p><b>Amount:</b></p>	<p>\$626,750.42</p>								
<p>3" Rigid Conduit and Wiring (Cost per foot)</p>	<p>Information not provided.</p>								

## 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-16WB S230</b>	<b>\$128,620.00</b>	<b>\$124,000.00</b>		<b>\$51,804.00</b>	
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	\$9,340.00	\$8,880.00	N/A	\$0.00	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	\$89,400.00	\$86,720.00	Dielectric Quote #800352CMZ	\$39,024.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	\$9,900.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$2,880.00	N/A

<b>Primary Antenna TFU-29ETT-R S360</b>	<b>\$308,530.00</b>	<b>\$315,780.00</b>		<b>\$283,540.00</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$298,396.00	see Estimated Cost Justification WBIH-210-Primary Antenna - UHF High Power Top Mount, E-POL v0	\$266,156.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,984.00	N/A	\$10,984.00	N/A
<b>Sub-total</b>	<b>\$437,150.00</b>	<b>\$439,780.00</b>	<b>N/A</b>	<b>\$335,344.00</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$2,892,064.53</b>	<b>\$2,985,732.18</b>	<b>N/A</b>	<b>\$1,968,791.66</b>	<b>N/A</b>

## Components

Actual Information	
Description	File Name
Elbow complex, broadband, at antenna input, per 3 1/8. feedline (if needed)	Information not provided.

UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	<b>Component Description:</b>  <b>Amount:</b>	WBIH-280-Interim Antenna - UHF Lower Power Side Mount, One Station, H-POL  \$39,024.00
Side mount brackets for high power antennas (if not included in antenna base cost)	<b>Component Description:</b>  <b>Amount:</b>	WBIH-280-Interim Antenna - Side Mount Bracket  \$9,900.00
Sweep test of existing antenna	<b>Component Description:</b>  <b>Amount:</b>	WBIH-280-Interim Antenna - Sweep Test  \$2,880.00
Sweep test of existing antenna	<b>Component Description:</b>  <b>Amount:</b>	WBIH-210-Primary Antenna - Sweep Test  \$640.00
	<b>Component Description:</b>  <b>Amount:</b>	WBIH-210-Primary Antenna - Sweep Test  \$2,880.00
	<b>Component Description:</b>  <b>Amount:</b>	WBIH-210-Primary Antenna - Sweep Test  \$2,880.00

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<b>Component Description:</b> ANTENNA <b>Amount:</b> \$105,871.95
	<b>Component Description:</b> UHF TOP MOUNT ONE STATION ELLIPTICALLY POLARIZED <b>Amount:</b> \$105,871.95
	<b>Component Description:</b> ANTENNA <b>Amount:</b> \$54,412.10
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<b>Component Description:</b> WBIH-210-Primary Antenna - Elbow Complex, 6 1/8" <b>Amount:</b> \$4,942.80
	<b>Component Description:</b> WBIH-210-Primary Antenna - Elbow Complex, 6 1/8" <b>Amount:</b> \$4,942.80
	<b>Component Description:</b> WBIH-210-Primary Antenna - Elbow Complex, 6 1/8" <b>Amount:</b> \$1,098.40



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	\$29,500.00	\$28,000.00		\$9,336.16	
Flexible Air Transmission Line - dielectric, 3"	\$29,500.00	\$28,000.00	N/A	\$9,336.16	N/A
Primary Transmission Line	\$6,364.35	\$6,364.35		\$6,364.35	
Transmission Line - Other Parts	\$6,364.35	\$6,364.35	Please see Estimated Cost Justification_WBIH-310-Primary Transmission Line - Other Parts	\$6,364.35	N/A
Sub-total	\$35,864.35	\$34,364.35	N/A	\$15,700.51	N/A
Total for all systems	\$2,892,064.53	\$2,985,732.18	N/A	\$1,968,791.66	N/A

Components

Actual Information	
Description	File Name
Flexible Air Transmission Line - dielectric, 3"	<div>Component Description: FLEXIBLE TRANSMISSION LINE</div> <div>Amount: \$9,336.16</div>

Transmission Line - Other Parts		
	<b>Component Description:</b>	WBIH-310-Primary Transmission Line - Other Parts
	<b>Amount:</b>	\$411.10
	<b>Component Description:</b>	WBIH-310-Primary Transmission Line - Other Parts
	<b>Amount:</b>	\$1,849.95
	<b>Component Description:</b>	WBIH-310-Primary Transmission Line - Other Parts
	<b>Amount:</b>	\$1,849.95
	<b>Component Description:</b>	OTHER
	<b>Amount:</b>	\$2,253.35

## 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>\$784,800.00</b>	<b>\$779,160.00</b>		<b>\$344,695.00</b>	
Tall Tower (greater than 500')	\$210,500.00	\$227,160.00	see Estimated Cost Justification WBIH-410- Existing Primary Tower - Tower Rigging - Tall Tower v0	\$227,160.00	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	N/A	\$21,235.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$3,800.00	N/A
Tower Helicopter Lift	<i>\$58,500.00</i>	\$58,500.00	Please see ERI proposal 20191120-405	\$58,500.00	N/A

Interim Antenna Installation	<b>\$68,500.00</b>	\$68,500.00	Per Legacy Tower Services LLC Proposal # WBIH 27- 19-1 Revised	\$34,000.00	N/A
<b>Sub-total</b>	\$784,800.00	\$779,160.00	N/A	\$344,695.00	N/A
<b>Total for all systems</b>	\$2,892,064.53	\$2,985,732.18	N/A	\$1,968,791.66	N/A

## Components

Actual Information	
Description	File Name
Tall Tower (greater than 500')	<b>Component Description:</b>
	Main Antenna Replacement
	<b>Amount:</b>
	\$89,020.80
	<b>Component Description:</b>
	Main Antenna Replacement
	<b>Amount:</b>
	\$111,276.00
	<b>Component Description:</b>
	MAIN ANTENNA REPLACEMENT
	<b>Amount:</b>
	\$22,255.20
	<b>Component Description:</b>
	INSTALL - ANTENNA WEATHER DAYS (1/23, 1/27)
	<b>Amount:</b>
	\$4,608.00

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<div> <b>Component Description:</b> WBIH Structural Analysis  <b>Amount:</b> \$6,000.00 </div> <div> <b>Component Description:</b> Foundation Mapping  <b>Amount:</b> \$15,235.00 </div>
Major tower reinforcement /modifications	<div> <b>Component Description:</b> Engineering/land surveying services  <b>Amount:</b> \$3,800.00 </div>
Tower Helicopter Lift	<div> <b>Component Description:</b> Helicopter to perform installation  <b>Amount:</b> \$58,500.00 </div>
Interim Antenna Installation	<div> <b>Component Description:</b> Antenna System Installation, WBIH, Selma, Alabama  <b>Amount:</b> \$17,000.00 </div> <div> <b>Component Description:</b> Antenna System Installation WBIH, Selma, Alabama  <b>Amount:</b> \$17,000.00 </div>

**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>\$44,925.00</b>	<b>\$138,925.00</b>		<b>\$62,233.30</b>	
Prepare request for Special Temporary Authorization	\$2,050.00	\$2,500.00	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$2,500.00	The estimated cost has been adjusted to include invoice submitted for reimbursement at this time.
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	\$750.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$0.00	N/A

Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$0.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$0.00	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	\$0.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$5,000.00	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$5,000.00	Please s submitt invoice

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$0.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$0.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,500.00	N/A
Project management of the transition	\$6,320.00	\$99,675.00	See WBIH Strategic Support Quote from Widelity, under attachments.	\$51,483.30	invoice received
<b>Sub-total</b>	\$44,925.00	\$138,925.00	N/A	\$62,233.30	N/A
<b>Total for all systems</b>	\$2,892,064.53	\$2,985,732.18	N/A	\$1,968,791.66	N/A

## Components

Actual Information Description	File Name
Prepare request for Special Temporary Authorization	<p><b>Component Description:</b> Prepare STA on FCC Form 2100</p> <p><b>Amount:</b> \$1,250.00</p> <p><b>Component Description:</b> Prepare Ch. 34 STA /FCC Form 2100</p> <p><b>Amount:</b> \$1,250.00</p>



RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Prepare Tech. Portion of Lic. App. \$750.00</p>
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 - 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 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	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>WBIH-530-RF Eng - Construction Permit Application (Main) \$5,000.00</p>

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	<b>Component Description:</b>  <b>Amount:</b>	WBIH-590-Prepare and/or Review Reimbursement Form \$2,500.00
Project management of the transition	<b>Component Description:</b>  <b>Amount:</b>	Project Management \$3,244.95
	<b>Component Description:</b>  <b>Amount:</b>	Project Management \$2,120.35
	<b>Component Description:</b>  <b>Amount:</b>	Project Management \$1,177.50
	<b>Component Description:</b>  <b>Amount:</b>	Project Management \$2,340.15
	<b>Component Description:</b>  <b>Amount:</b>	Project management \$2,147.60
	<b>Component Description:</b>  <b>Amount:</b>	Project Management \$3,473.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,695.70

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,603.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,844.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,761.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,736.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$72.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,807.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,327.90

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,405.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$368.75

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,230.70

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$226.25

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,330.45

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,489.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,619.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,259.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,724.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,476.45

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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>\$80,825.18</b>	<b>\$79,150.18</b>		<b>\$15,000.00</b>	
Equipment Delivery and Handling Charges	<i>\$24,845.18</i>	\$24,845.18	Estimated Cost Justification WBIH-610-Equipment Delivery and Handling V0	\$15,000.00	N/A
Door modifications and concrete pad installation	<i>\$25,000.00</i>	\$25,000.00	N/A	\$0.00	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	\$0.00	N/A
Equipment Storage	<i>\$4,290.00</i>	\$4,290.00	See Estimated Cost Justification WBIH-610-Equipment Storage v0	\$0.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$10,000.00</i>	\$10,000.00	N/A	\$0.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	\$0.00	N/A

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	\$0.00	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$0.00	N/A	\$0.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$0.00	N/A
Develop and air announcement of upcoming channel change	<b>\$1,500.00</b>	\$1,500.00	N/A	\$0.00	N/A
<b>Sub-total</b>	\$80,825.18	\$79,150.18	N/A	\$15,000.00	N/A
<b>Total for all systems</b>	\$2,892,064.53	\$2,985,732.18	N/A	\$1,968,791.66	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Equipment Delivery and Handling Charges	<b>Component Description:</b> WBIH-610-Equipment Delivery and Handling <b>Amount:</b> \$2,000.00
	<b>Component Description:</b> WBIH-610-Equipment Delivery and Handling <b>Amount:</b> \$1,000.00
	<b>Component Description:</b> Equipment Delivery and Handling <b>Amount:</b> \$4,000.00
	<b>Component Description:</b> Equipment Delivery and Handling <b>Amount:</b> \$8,000.00
Door modifications and concrete pad installation	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Equipment Storage	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	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.

DTV Medical Facility Notification	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.



<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$2,892,064.53	\$2,985,732.18
			\$1,968,791.66

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

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>Shane A Chaney</b> CFO</p> <p>10/08/2020</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<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> </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>Shane A Chaney</b> CFO</p> <p>10/08/2020</p>

## Attachments