



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **11033** | Service: **DTV** | Call **WLLA** | Channel: **22 (UHF)** |  
ID: | Sign:  
File **0000027855**  
Number:  
FRN: **0002940195** | Date **01/03**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>CHRISTIAN FAITH BROADCAST, INC.</b>	Mr. Clyde R. Yost 3809 MAPLE AVENUE CASTALIA, OH 44824 United States	+1 (419) 684-5311	rustyy@cfbroadcast.net	Corporation

## 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	Must remove existing antenna(s), transmitter, transmission line(s), install interim antenna, transmitter, transmission line - install new transmitter. Must add space to building for heat exchangers, pumps. Must reroute ductwork and install different AC.

## Transmitters

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

**Primary  
Transmitter**

**Add 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 Diamond
	Year	2008
	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?	Yes
	Manufacturer	
	Model	ULXTE-30
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	19.2 kW
	Justification for New Transmitter	Gates is no longer making IOT transmitters - Existing transmitter cannot be re-tuned. See attached letter from Gates Air.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes

	Size	2 inches
	Length	100.0 feet
	Other Electrical Service	Yes
	Description	remove old and reroute existing conduit and control cabling
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	10 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	320.0 square feet
<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.

**Antennas**

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

**Primary  
Antenna**

**Add 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 this antenna currently shared with any other stations?	No
	Is this 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	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) .....	350.0 kW

Manufacturer	
Model	JSM-10/22
Year	2019



**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) .....	350.0 kW
	Manufacturer	
	Model	JSM-10/22

	Year	2019
	Justification for New Antenna	Existing antenna cannot be re-tuned. See Cover Letter included with Invoice - WLLA will cover the cost with the upgrade to elliptical polarization

## 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
<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	2
	Lower Limit	518.00 MHz
	Upper Limit	524.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	384.0 kW
	Manufacturer	
	Model	JA/MS-16 /22
	Year	2019

	Justification for New Antenna	Need interim antenna while removing old and installing new
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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?	Yes
<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**

**Add 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 this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1200 feet per run

**Primary** **New Transmission Line**  
**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	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
	Justification for New Transmission Line	The existing line cannot be used on new frequency.

**Primary** **Other Transmission Line Expenses Not Listed**  
**Transmission Line**

Information not provided.



**Interim  
Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	4 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	1100 feet per run
	Justification for New Transmission Line	will need to operate with interim facility while removing old and installing new

**Interim  
Transmission Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
<b>RF Patch Bay</b>	3 port patch bay to switch between Interim and main transmission line

**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?	Unknown
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1004741
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	42° 33' 52.1" N-
	Longitude (NAD83)	085° 27' 31.0" W-
	Overall Structure Height	1080.04 feet
	Support Structure Height	1054.12 feet
	Ground Elevation Above Mean Sea Level (AMSL)	872.04 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Christian Broadcasting Ministry
Date Constructed	05/21/2007

### 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 rigging	may need to rig tower for interim equipment and re-rig for final install

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
<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	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	No
	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	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

**Outside Professional Services Costs**      **Other Professional Services Expenses Not Listed**  
 If wireless is 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	No
	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
employee expense	must bring in employees from OH and overtime for onsite employees
lodging meals incidentals	OH employees lodging and meals
Tower Road Modifications	Must modify road to tower to allow large trucks etc.

## 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 ULXTE-30	\$836,240.00	\$778,158.42		\$663,315.72	
Other -- Building Addition Size: 320.0	<i>\$32,590.00</i>	\$32,590.00	per revised Rick Reed estimate to include Call Letters and Facility ID	\$32,590.00	This cost is reflected in the transmitter cost originally
10 Ton system	\$38,900.00	\$21,120.00	Revised estimate to include the electrical wiring from Severance Electric. The Severance Electric quote was included in other electrical section - but moving to include here. See attachment (Adams Air - Severance Electric)	\$21,120.00	Estimated wiring cost was not included on in the Adams Air Quote but was included in the Severance Electric Quote and is reflected elsewhere on Form 399 see attached New PDF



Other Electrical Service: remove old and reroute existing conduit and control cabling	\$0.00	\$0.00	Price reflected elsewhere	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$2,600.00	\$0.00	Price reflected elsewhere	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$650,148.42	Final Quote from Gates Air includes Mask Filter, Electrical Transformer. Final Engineering determined we need a TPO of 19,200 watts to obtain an ERP of the FCC required 275,000 watts to duplicate the existing coverage.	\$609,605.72	After Engineering was finished - it was determined the transmitter quoted was too small WLLA will need a minimum of 19,200W to reach our ERP of 275,000W. Includes Mask Filter and Electric Transmformer
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A

Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
<b>Sub-total</b>	\$836,240.00	\$778,158.42	N/A	\$663,315.72	N/A
<b>Total for all systems</b>	\$3,198,368.50	\$2,484,367.95	N/A	\$1,171,615.77	N/A

## Components

Actual Information	
Description	File Name
Other -- Building Addition Size: 320.0	<p><b>Component Description:</b> Rick Reed Building Addition Invoice</p> <p><b>Amount:</b> \$32,590.00</p>
10 Ton system	<p><b>Component Description:</b> Install 2- 5 ton AC units includes 2 condensors and 2 Air handlers. Does not include electrical wiring.</p> <p><b>Amount:</b> \$16,120.00</p> <p><b>Component Description:</b> Invoice for Electrical wiring 3 Phase AC Install</p> <p><b>Amount:</b> \$5,000.00</p>
Other Electrical Service: remove old and reroute existing conduit and control cabling	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 150 KVA	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	<table> <tr> <td data-bbox="713 174 1023 210"><b>Component Description:</b></td><td data-bbox="1158 174 1374 327">Final Payment on transmitter - does not include Install - Proof or shipping</td></tr> <tr> <td data-bbox="713 338 826 365"><b>Amount:</b></td><td data-bbox="1158 338 1305 365">\$180,106.78</td></tr> <tr> <td data-bbox="713 477 1023 512"><b>Component Description:</b></td><td data-bbox="1158 477 1358 584">2nd - Payment of total due before shipment</td></tr> <tr> <td data-bbox="713 595 826 622"><b>Amount:</b></td><td data-bbox="1158 595 1305 622">\$214,749.47</td></tr> <tr> <td data-bbox="713 734 1023 770"><b>Component Description:</b></td><td data-bbox="1158 734 1374 1043">1/3 Down payment for WLLA transmitter. Includes Mask Filter RF Accessories, Electrical transformer</td></tr> <tr> <td data-bbox="713 1055 826 1081"><b>Amount:</b></td><td data-bbox="1158 1055 1305 1081">\$214,749.47</td></tr> <tr> <td data-bbox="713 1193 1023 1229"><b>Component Description:</b></td><td data-bbox="1158 1193 1358 1261">1/3 payment prior to shipment</td></tr> <tr> <td data-bbox="713 1272 826 1299"><b>Amount:</b></td><td data-bbox="1158 1272 1305 1299">\$214,749.47</td></tr> </table>	<b>Component Description:</b>	Final Payment on transmitter - does not include Install - Proof or shipping	<b>Amount:</b>	\$180,106.78	<b>Component Description:</b>	2nd - Payment of total due before shipment	<b>Amount:</b>	\$214,749.47	<b>Component Description:</b>	1/3 Down payment for WLLA transmitter. Includes Mask Filter RF Accessories, Electrical transformer	<b>Amount:</b>	\$214,749.47	<b>Component Description:</b>	1/3 payment prior to shipment	<b>Amount:</b>	\$214,749.47
<b>Component Description:</b>	Final Payment on transmitter - does not include Install - Proof or shipping																
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<b>Amount:</b>	\$214,749.47																
Service entrance 3 phase /800 amp/208 volt	Information not provided.																
Switchgear - industrial 800 amp	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 JA /MS-16/22</b>	<b>\$290,890.00</b>	<b>\$85,020.96</b>		<b>\$36,810.48</b>	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$36,810.48	N/A	\$36,810.48	Invoice includes multiple antennas and transmission lines

UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	\$89,400.00	\$36,810.48	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$0.00	Invoice includes Main/Interim antennas - and transmission line for both
<b>Primary Antenna JSM-10/22</b>	<b>\$555,530.00</b>	<b>\$223,650.00</b>		<b>\$112,250.00</b>	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$105,000.00	N/A	\$105,000.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$7,250.00	N/A	\$7,250.00	Invoice includes Main/Interim antennas - and transmission line for both

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$105,000.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$0.00	Invoice includes Main, Interim antennas, and transmission line for both
<b>Sub-total</b>	\$846,420.00	\$308,670.96	N/A	\$149,060.48	N/A
<b>Total for all systems</b>	\$3,198,368.50	\$2,484,367.95	N/A	\$1,171,615.77	N/A

## Components

Actual Information	
Description	File Name
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Sweep test of existing antenna	Information not provided.
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	<p><b>Component Description:</b> Ch 22 Interim Antenna</p> <p><b>Amount:</b> \$36,810.48</p>
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	<p><b>Component Description:</b> Invoice includes Main/Interim antennas - and transmission line for both</p> <p><b>Amount:</b> \$36,810.48</p>

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Invoice includes antennas and transmission lines.</p> <p>\$105,000.00</p>
Sweep test of existing antenna	Information not provided.	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Invoice includes Main/Interim Antennas and transmission line</p> <p>\$7,250.00</p>
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Invoice includes Main/Interim antennas and transmission line</p> <p>\$105,000.00</p>

## Cost Information

### Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Interim Transmission Line</b>	<b>\$125,230.50</b>	<b>\$81,256.77</b>		<b>\$81,256.77</b>	
RF Patch Bay	<i>\$43,830.50</i>	\$43,830.50	N/A	\$43,830.50	N/A
Flexible Air Transmission Line - dielectric, 4"	\$81,400.00	\$37,426.27	N/A	\$37,426.27	Invoice includes Main/Interim antennas - and transmission line for both
<b>Primary Transmission Line</b>	<b>\$242,400.00</b>	<b>\$213,750.80</b>		<b>\$213,750.80</b>	
Rigid Transmission Line - copper, 6 1/8"	\$242,400.00	\$213,750.80	Per Widelity Catalog Pg 17 tables 1 & 2 Ch 22 requires a 20ft section and we are presently using a 19-3/4ft section transmission line. We will need to replace the existing 6-1/8 line. Includes mounting hdwe and tuning sections	\$213,750.80	Invoice includes Main/Interim antennas - and transmission line for both
<b>Sub-total</b>	<b>\$367,630.50</b>	<b>\$295,007.57</b>	N/A	<b>\$295,007.57</b>	N/A



<b>Total for all systems</b>	\$3,198,368.50	\$2,484,367.95	N/A	\$1,171,615.77	N/A
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## Components

Actual Information	
Description	File Name
RF Patch Bay	<p><b>Component Description:</b> Furnish and Install 3 Port Patch Bay</p> <p><b>Amount:</b> \$43,830.50</p>
Flexible Air Transmission Line - dielectric, 4"	<p><b>Component Description:</b> Invoice includes Main/Interim antennas and transmission line for both</p> <p><b>Amount:</b> \$37,426.27</p>
Rigid Transmission Line - copper, 6 1/8"	<p><b>Component Description:</b> Invoice includes Main/Interim antennas and transmission line</p> <p><b>Amount:</b> \$213,750.80</p>

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	\$857,800.00	\$825,000.00		\$0.00	
tower rigging	<i>\$200,000.00</i>	\$200,000.00	Interim Facility install and existing line removal. We will most likely need to rig the tower twice, once for the removal of equipment and install interim equipment. Then a 2nd time to install the primary antenna and transmission line. If Needed	N/A	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	Install new line and antenna. 2nd rigging for installation of new equipment	N/A	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A

Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$857,800.00	\$825,000.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$3,198,368.50	\$2,484,367.95	N/A	\$1,171,615.77	N/A

## Components

Information not provided.

## 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>\$130,700.00</b>	<b>\$123,750.00</b>		<b>\$0.00</b>	
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
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A

Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	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
<b>Sub-total</b>	\$130,700.00	\$123,750.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$3,198,368.50	\$2,484,367.95	N/A	\$1,171,615.77	N/A

## Components

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>\$159,578.00</b>	<b>\$153,781.00</b>		<b>\$64,232.00</b>	
Tower Road Modifications	<i>\$55,475.00</i>	\$55,475.00	N/A	\$55,475.00	N/A
employee expense	<i>\$31,362.00</i>	\$31,362.00	Must take employee off regular duty for the re-pack and project manage. Plus maintain day to day responsibilities. See Attached Employee Expense Exhibit	N/A	N/A
MVPD Notification of Channel Change	<i>\$2,989.00</i>	\$2,989.00	N/A	\$2,989.00	N/A
Equipment Storage	<i>\$8,000.00</i>	\$8,000.00	3 - 45ft containers for temp storage approx. 6 months rental plus drop-off / pick-up	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$17,000.00</i>	\$17,000.00	N/A	N/A	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$15,000.00</b>	\$15,000.00	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
DTV Medical Facility Notification	\$11,550.00	\$5,768.00	N/A	\$5,768.00	N/A
Develop and air announcement of upcoming channel change	<b>\$5,000.00</b>	\$5,000.00	N/A	N/A	N/A
lodging meals incidentals	<b>\$12,672.00</b>	\$12,672.00	See Attached Employee Expense Exhibit	N/A	N/A
<b>Sub-total</b>	\$159,578.00	\$153,781.00	N/A	\$64,232.00	N/A
<b>Total for all systems</b>	\$3,198,368.50	\$2,484,367.95	N/A	\$1,171,615.77	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Tower Road Modifications	<p><b>Component Description:</b> Modifications to tower rd to allow large trucks etc.</p> <p><b>Amount:</b> \$55,475.00</p>
employee expense	Information not provided.
MVPD Notification of Channel Change	<p><b>Component Description:</b> MVPD Notification for WLLA 11033</p> <p><b>Amount:</b> \$2,989.00</p>
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.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
DTV Medical Facility Notification	<p><b>Component Description:</b> Medical Notification WLLA 11033</p> <p><b>Amount:</b> \$5,768.00</p>
Develop and air announcement of upcoming channel change	Information not provided.
lodging meals incidentals	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>	\$3,198,368.50	\$2,484,367.95
			\$1,171,615.77

<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>Richard Hawkins , Hawkins . GM</b></p> <p>01/03/2020</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>Richard Hawkins , Hawkins . GM</b></p> <p>01/03/2020</p>

## Attachments