



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **4329** | Service: **DTV** | Call **WVUT** | Channel: **31 (UHF)** |  
ID: | Sign:  
File **0000028404**  
Number:  
FRN: **0004159638** | Date **11/25**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>BOARD OF TRUSTEES FOR THE VINCENNES UNIV. University</b> Doing Business As: BOARD OF TRUSTEES FOR THE VINCENNES UNIV.	James Evans 1002 NORTH FIRST STREET VINCENNES, IN 47591 United States	+1 (812) 888- 5352	jevans@vinu. edu	Other

## 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>Jeremy D Ruck , PE .</b> <i>Consulting Engineer</i> <i>Jeremy Ruck &amp; Associates,</i> <i>Inc.</i>	PO Box 415 Canton, IL 61520 United States	+1 (309) 647- 1200	jeremy@jeremyruck. 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		WVUT will be transitioning from channel 22 to 31. Sharing of antennas and/or equipment with other broadcasters will not be required. Transition involves necessary antenna, transmission line, and transmitter changes.

**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	Sigma CD
	Year	1999
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	15 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-6
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	5.5 kW
	Justification for New Transmitter	Current transmitter is single tube IOT. New transmitter is necessary to maintain operation of facility during transition. Additionally, manufacturer has stated parts to re-tune will not be available. See attached engineering statement and quote.

**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	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

**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**

**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?	Yes
	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) .....	57.0 kW

Manufacturer	
Model	TLP-12C
Year	2000



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?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side 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) .....	69.4 kW
	Manufacturer	

Model	TLP-12C /VP
Year	2017
Justification for New Antenna	New antenna required due to change in channel of operation. Licensee will pay cost differential between horizontal and elliptical polarized models. See attached antenna quotation and attached engineering statement.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A

<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	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?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**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	Top 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) .....	22.0 kW
	Manufacturer	
	Model	TFU-36J DA Skull
	Year	1972

	Justification for New Antenna	Described antenna is existing on tower, but is dormant, and was utilized for pre-transition NTSC operations. It will be utilized as an interim antenna during the changeover to the new antenna.
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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?	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
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Flexible Air
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	550 feet per run

Primary  
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Type	Flexible Air
	Diameter	3 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	550 feet per run



	Justification for New Transmission Line	New transmission line will be connected to new antenna. Existing line will be connected to existing channel 22 top mount antenna for interim operation. See attached Dielectric quotation and attached engineering statement.
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**Primary Transmission Line**      **Other Transmission Line Expenses Not Listed**  
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	1 5/8 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	120 feet per run
	Justification for New Transmission Line	This section of transmission line is extension to existing main transmission line to connect with old top-mounted channel 22 antenna, which will be used on interim basis. See attached Dielectric quotation, and attached engineering statement.

Interim

Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Transmission line adapters	Adapters to convert from semi-flexible coaxial cable to 6 1/8" rigid line at top mounted antenna input.

**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	Move Equipment
	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?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1028983
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	38° 39' 06.0" N-
	Longitude (NAD83)	087° 28' 37.0" W-
	Overall Structure Height	565.94 feet
	Support Structure Height	562.00 feet
	Ground Elevation Above Mean Sea Level (AMSL)	499.99 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	BOARD OF TRUSTEES FOR THE VINCENNES UNIVERSITY
Date Constructed	01/01/1971

**FM, AM or TV radio  
broadcasters. Facility ID's,  
Call Signs and Services of  
other broadcast stations with  
whom the tower is shared**

Facility ID	Call Sign	Service
66637	WFML	FM
70241	WVUB	FM
4329	WVUT	DTV

## Primary Tower

### Tower Rigging Costs

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

## Primary Tower

### Other Tower Expenses Not Listed

Information not provided.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	595
	Explanation	WVUT requires the aid of outside project management services in order to fulfill the requirements of the repack. WVUT does not have sufficient resource capacity and expertise in house to handle all tasks.
<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	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A

	Justification	N/A
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**Outside Professional Services Costs**      **Other Professional Services Expenses Not Listed**  
Services 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	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
<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
Transmitter Pre-Installation Site Survey	Transmitter manufacturer requests site survey before installation

## 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-6</b>	<b>\$342,450.00</b>	<b>\$296,131.74</b>		<b>\$157,648.24</b>	
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$230,631.74	Please see Gates quote Q-77607 and change order quote Q-79023 (uploaded into LMS).	\$157,072.57	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	\$575.67	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	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>	<b>\$342,450.00</b>	<b>\$296,131.74</b>	<b>N/A</b>	<b>\$157,648.24</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$1,220,210.00</b>	<b>\$757,605.91</b>	<b>N/A</b>	<b>\$250,619.06</b>	<b>N/A</b>

### Components

Actual Information Description	File Name
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UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	<b>Component Description:</b> <b>Amount:</b>	Down payment for the Transmitter \$72,881.10
	<b>Component Description:</b> <b>Amount:</b>	TOTAL AMOUNT DUE FOR SAME \$9,865.00
	<b>Component Description:</b> <b>Amount:</b>	2nd installment for Transmitter prior to shipping. \$74,326.47
	<b>Component Description:</b> <b>Amount:</b>	Transmitter \$47,600.42
3" Rigid Conduit and Wiring (Cost per foot)	<b>Component Description:</b> <b>Amount:</b>	60 FRN-R FUSE 250 VOLT (SPARES) \$575.67
Transformer 3 phase/480v - 150 KVA	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 TFU-36J DA Skull</b>	<b>\$253,730.00</b>	<b>\$6,400.00</b>		<b>\$6,400.00</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, horizontally polarized	\$247,000.00	\$0.00	Reimbursement not anticipated for interim antenna, as proposed antenna is currently on site, and owned by applicant.	N/A	N/A
<b>Primary Antenna TLP-12C/VP</b>	<b>\$109,830.00</b>	<b>\$35,400.00</b>		<b>\$19,172.00</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	\$103,100.00	\$29,000.00	N/A	\$19,172.00	N/A

<b>Sub-total</b>	\$363,560.00	\$41,800.00	N/A	\$25,572.00	N/A
<b>Total for all systems</b>	\$1,220,210.00	\$757,605.91	N/A	\$250,619.06	N/A

## Components

Actual Information	
Description	File Name
Sweep test of existing antenna	<p><b>Component Description:</b> WVUT Sweep of Interim Antenna and Transmission Line.</p> <p><b>Amount:</b> \$6,400.00</p> <p><b>Component Description:</b> Sweep of interim Antenna and Transmission Line</p> <p><b>Amount:</b> \$6,400.00</p>
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Information not provided.
Sweep test of existing antenna	Information not provided.
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	<p><b>Component Description:</b> We are only asking for reimbursement of Line items 1 &amp; 3 for Primary antenna TLP-12C /VP and mounting hardware</p> <p><b>Amount:</b> \$19,172.00</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>\$7,460.00</b>	<b>\$6,521.28</b>		<b>\$3,453.28</b>	
Transmission line adapters	<i>\$3,500.00</i>	\$3,500.00	Coaxial adapters and transformer to transform from semi-flexible coaxial cable to 6 1/8" EIA rigid at existing interim elbow complex.	\$432.00	N/A
Flexible Air Transmission Line - dielectric, 1 5/8"	\$3,960.00	\$3,021.28	See attached Dielectric quotation.	\$3,021.28	N/A
<b>Primary Transmission Line</b>	<b>\$32,450.00</b>	<b>\$30,907.89</b>		<b>\$30,907.89</b>	

Flexible Air Transmission Line - dielectric, 3"	\$32,450.00	\$30,907.89	See attached Dielectric quotation; Justifying Quotation Broadcasters General Store Quote # 545945A; See Estimated Cost Justification WVUT-310-Primary Transmission Line - Flexible Air Dielectric 3" V.0	\$30,907.89	Subtotal equals estimated cost.
<b>Sub-total</b>	\$39,910.00	\$37,429.17	N/A	\$34,361.17	N/A
<b>Total for all systems</b>	\$1,220,210.00	\$757,605.91	N/A	\$250,619.06	N/A

## Components

Actual Information	
Description	File Name
Transmission line adapters	<p><b>Component Description:</b> Line item 4 for the Reducer 3-50 x 1-50 EIA CU "QS</p> <p><b>Amount:</b> \$432.00</p>
Flexible Air Transmission Line - dielectric, 1 5/8"	<p><b>Component Description:</b> Line item 22 for Flexible Transmission Line</p> <p><b>Amount:</b> \$3,021.28</p>



Flexible Air Transmission  
Line - dielectric, 3"

**Component Description:** MACXLINE 3 1/8"  
50 OHM CUSTOM  
SECTION 204.00"  
OVER FLANGES  
**Amount:** \$955.40

**Component Description:** Line Item 5 for  
Flexible  
Transmission Line  
3" Air Dielectric  
500 feet  
**Amount:** \$23,154.99

**Component Description:** MYAT 3 1/8x 20  
FLANGED RIGID  
LINE SECTION  
W/ ANCHOR  
INSULATOR  
CONNECT OR, O-  
RING &  
HARWARE KIT  
**Amount:** \$6,797.50

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 GTOWER	\$210,500.00	\$125,000.00		\$8,500.00	
Tall Tower (greater than 500')	\$210,500.00	\$125,000.00	N/A	\$8,500.00	N/A
Sub-total	\$210,500.00	\$125,000.00	N/A	\$8,500.00	N/A
Total for all systems	\$1,220,210.00	\$757,605.91	N/A	\$250,619.06	N/A

Components

Actual Information Description	File Name
Tall Tower (greater than 500')	<div>Component Description: Tower Sevrice Down Payment for Transmitter Changeout</div> <div>Amount: \$8,500.00</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>\$208,920.00</b>	<b>\$208,425.00</b>		<b>\$11,823.15</b>	
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
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	\$1,500.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
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	\$99,675.00	Please see attached Widelity quote.	\$10,323.15	N/A
<b>Sub-total</b>	\$208,920.00	\$208,425.00	N/A	\$11,823.15	N/A
<b>Total for all systems</b>	\$1,220,210.00	\$757,605.91	N/A	\$250,619.06	N/A

## Components

Actual Information	
Description	File Name
Comprehensive coverage verification via field study, if needed	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	<b>Component Description:</b>  <b>Amount:</b>	Amendment of WVUT's Form 399 \$292.50
	<b>Component Description:</b>  <b>Amount:</b>	Preparation of CP Application for WVUT for Repack Environment and Form 399 \$2,085.00
	<b>Component Description:</b>  <b>Amount:</b>	WVUT Form 399 Amendment \$292.50
	<b>Component Description:</b>  <b>Amount:</b>	Preparation of CP Application for WVUT for Repack Environment and Form 399 \$2,085.00
	<b>Component Description:</b>  <b>Amount:</b>	WVUT-530-RF Eng - Construction Permit Application (Main) \$1,500.00
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	<div> <div>Component Description:</div> <div>Preparation of CP Application for WVUT for Repack Environment</div> </div> <div> <div>Amount:</div> <div>\$585.00</div> </div>
Project management of the transition	<div> <div>Component Description:</div> <div>Project Management</div> </div> <div> <div>Amount:</div> <div>\$3,505.40</div> </div> <div> <div>Component Description:</div> <div>Project Management</div> </div> <div> <div>Amount:</div> <div>\$256.25</div> </div> <div> <div>Component Description:</div> <div>Project Management</div> </div> <div> <div>Amount:</div> <div>\$2,362.55</div> </div> <div> <div>Component Description:</div> <div>Project Management</div> </div> <div> <div>Amount:</div> <div>\$2,547.70</div> </div> <div> <div>Component Description:</div> <div>Project Management</div> </div> <div> <div>Amount:</div> <div>\$1,651.25</div> </div>

## 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>\$54,870.00</b>	<b>\$48,820.00</b>		<b>\$12,129.50</b>	
Transmitter Pre-Installation Site Survey	<i>\$8,120.00</i>	\$8,120.00	Transmitter manufacturer requires site survey before the installation of the new transmitter	\$8,120.00	N/A
MVPD Notification of Channel Change	<i>\$1,200.00</i>	\$1,200.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$1,500.00</i>	\$1,500.00	N/A	N/A	N/A
Equipment Storage	<i>\$1,500.00</i>	\$1,500.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$5,000.00</i>	\$5,000.00	N/A	\$4,009.50	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$1,000.00</i>	\$1,000.00	N/A	N/A	N/A



DTV Medical Facility Notification	\$11,550.00	\$5,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$54,870.00	\$48,820.00	N/A	\$12,129.50	N/A
<b>Total for all systems</b>	\$1,220,210.00	\$757,605.91	N/A	\$250,619.06	N/A

## Components

Actual Information	
Description	File Name
Transmitter Pre-Installation Site Survey	<p><b>Component Description:</b> Transmitter manufacturer executed site survey before delivery /installation of new transmitter</p> <p><b>Amount:</b> \$8,120.00</p>
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
Equipment Delivery and Handling Charges	<p><b>Component Description:</b> Line Item 31 for RFRIEGHT - Equipment delivery and handling charges</p> <p><b>Amount:</b> \$4,009.50</p>
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.

DTV Medical Facility Notification	Information not provided.
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<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>	\$1,220,210.00	\$757,605.91
			\$250,619.06

<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>Nichole L Carie</b>  <i>Director of Operations</i></p> <p>11/25/2019</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>Nichole L Carie</b>  <i>Director of Operations</i></p> <p>11/25/2019</p>

## Attachments