



(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 **08/10**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
BOARD OF TRUSTEES FOR THE VINCENNES UNIV. University Doing Business As: BOARD OF TRUSTEES FOR THE VINCENNES UNIV.	Nichole Carie 1002 NORTH FIRST STREET VINCENNES, IN 47591 United States	+1 (812) 888- 5283	ncarie@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
Jeremy D Ruck , PE . <i>Consulting Engineer</i> <i>Jeremy Ruck & 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
Existing Transmitter Description	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
Existing Transmitter Manufacturer and Type	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?	Yes
	Manufacturer	
	Model	ULXTE-8
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	4.9 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
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	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
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	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
Combiner for Shared Antenna	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

Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	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
New Antenna Description	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
New 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/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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	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	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
Existing Transmission Line Manufacturer and Type	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
New Transmission Line Costs	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
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional Services Costs**

Section	Question	Response
Outside Project Management Services	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.
Outside RF consulting Engineering Services	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
Attorney and Other Outside Consulting Services	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
RF Field Engineering Services	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
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	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
Permit and Filing Costs	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
Other Miscellaneous Expenses	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
Primary Transmitter ULXTE-8	\$342,450.00	\$314,496.46		\$239,416.81	
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
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$248,996.46	Please see attached GatesAir Quotes Q-77607, Change Order Q-79023, and Quote Q-7848	\$238,841.14	N/A
Sub-total	\$342,450.00	\$314,496.46	N/A	\$239,416.81	N/A
Total for all systems	\$1,220,210.00	\$775,970.63	N/A	\$368,824.23	N/A

Components

Actual Information	
Description	File Name

3" Rigid Conduit and Wiring (Cost per foot)	<div> Component Description: 60 FRN-R FUSE 250 VOLT (SPARES) </div> <div> Amount: \$575.67 </div>
Transformer 3 phase/480v - 150 KVA	Information not provided.
Switchgear - industrial 800 amp	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	<div> Component Description: Down payment for the Transmitter </div> <div> Amount: \$72,881.10 </div>
	<div> Component Description: Transmitter </div> <div> Amount: \$47,600.40 </div>
	<div> Component Description: TOTAL AMOUNT DUE FOR SAME </div> <div> Amount: \$9,865.00 </div>
	<div> Component Description: ULXTE-6 Transmitter </div> <div> Amount: \$34,168.17 </div>
	<div> Component Description: 2nd installment for Transmitter prior to shipping. </div> <div> Amount: \$74,326.47 </div>

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
Interim Antenna TFU-36J DA Skull	\$253,730.00	\$6,400.00		\$6,400.00	
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
Primary Antenna TLP-12C/VP	\$109,830.00	\$35,400.00		\$25,572.00	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	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

Sub-total	\$363,560.00	\$41,800.00	N/A	\$31,972.00	N/A
Total for all systems	\$1,220,210.00	\$775,970.63	N/A	\$368,824.23	N/A

Components

Actual Information	
Description	File Name
Sweep test of existing antenna	<p>Component Description: WVUT Sweep of Interim Antenna and Transmission Line.</p> <p>Amount: \$6,400.00</p> <p>Component Description: Sweep of interim Antenna and Transmission Line</p> <p>Amount: \$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	<p>Component Description: WVUT Main Repack Antenna System Sweep</p> <p>Amount: \$6,400.00</p>
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	<p>Component Description: We are only asking for reimbursement of Line items 1 & 3 for Primary antenna TLP-12C /VP and mounting hardware</p> <p>Amount: \$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
Interim Transmission Line	\$7,460.00	\$6,521.28		\$3,453.28	
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
Primary Transmission Line	\$32,450.00	\$30,907.89		\$30,907.89	

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.
Sub-total	\$39,910.00	\$37,429.17	N/A	\$34,361.17	N/A
Total for all systems	\$1,220,210.00	\$775,970.63	N/A	\$368,824.23	N/A

Components

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

MYAT 3 1/8x 20
FLANGED RIGID
LINE SECTION
W/ ANCHOR
INSULATOR
CONNECT OR, O-
RING &
HARWARE KIT

Amount:

\$6,797.50

Component Description:

Line Item 5 for
Flexible
Transmission Line
3" Air Dielectric
500 feet

Amount:

\$23,154.99

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		\$29,550.00	
Tall Tower (greater than 500')	\$210,500.00	\$125,000.00	N/A	\$29,550.00	N/A
Sub-total	\$210,500.00	\$125,000.00	N/A	\$29,550.00	N/A
Total for all systems	\$1,220,210.00	\$775,970.63	N/A	\$368,824.23	N/A

Components

Actual Information Description	File Name
Tall Tower (greater than 500')	<div><div>Component Description:</div><div>Amount:</div><div>Tower Sevrice</div><div>\$21,050.00</div></div> <div><div>Component Description:</div><div>Amount:</div><div>Tower Sevrice Down Payment for Transmitter Changeout</div><div>\$8,500.00</div></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
Outside Professional Services	\$208,920.00	\$208,425.00		\$21,394.75	
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	\$585.00	N/A
Project management of the transition	\$94,010.00	\$99,675.00	Please see attached Widelity quote.	\$19,309.75	N/A
Sub-total	\$208,920.00	\$208,425.00	N/A	\$21,394.75	N/A
Total for all systems	\$1,220,210.00	\$775,970.63	N/A	\$368,824.23	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	Component Description: Amount:	Amendment of WVUT's Form 399 \$292.50
	Component Description: Amount:	Preparation of CP Application for WVUT for Repack Environment and Form 399 \$2,085.00
	Component Description: Amount:	Preparation of CP Application for WVUT for Repack Environment and Form 399 \$2,085.00
	Component Description: Amount:	WVUT Form 399 Amendment \$292.50
	Component Description: Amount:	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> Component Description: Preparation of CP Application for WVUT for Repack Environment </div> <div> Amount: \$585.00 </div>
Project management of the transition	<div> Component Description: Project Management </div> <div> Amount: \$2,400.35 </div>
	<div> Component Description: Project Management </div> <div> Amount: \$3,505.40 </div>
	<div> Component Description: Project Management </div> <div> Amount: \$256.25 </div>
	<div> Component Description: Project Management </div> <div> Amount: \$2,464.85 </div>
	<div> Component Description: Project Management </div> <div> Amount: \$237.50 </div>
	<div> Component Description: Project Management </div> <div> Amount: \$2,362.55 </div>
	<div> Component Description: Project Management </div> <div> Amount: \$711.25 </div>

Component Description:	Project Management
Amount:	\$2,547.70

Component Description:	Project Management
Amount:	\$538.75

Component Description:	Project Management
Amount:	\$2,633.90

Component Description:	Project Management
Amount:	\$1,651.25

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
Other Expenses	\$54,870.00	\$48,820.00		\$12,129.50	
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
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

Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	N/A	\$4,009.50	N/A
Sub-total	\$54,870.00	\$48,820.00	N/A	\$12,129.50	N/A
Total for all systems	\$1,220,210.00	\$775,970.63	N/A	\$368,824.23	N/A

Components

Actual Information Description	File Name
Transmitter Pre-Installation Site Survey	<p>Component Description: Transmitter manufacturer executed site survey before delivery /installation of new transmitter</p> <p>Amount: \$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.
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.

Equipment Delivery and Handling Charges	<div><div>Component Description:</div><div>Line Item 31 for RFRIEGHT - Equipment delivery and handling charges</div><div>Amount:</div><div>\$4,009.50</div></div>
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Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$1,220,210.00	\$775,970.63	\$368,824.23

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	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"> 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. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 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. 	

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.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Nichole
Carie ,
Carie .**
*Director of
Operations*

08/10/2020

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"> 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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

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>Nichole Carie , Carie . <i>Director of Operations</i></p> <p>08/10/2020</p>

Attachments