



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **16817** | Service: **DTV** | Call **WTVS** | Channel: **20 (UHF)** |
ID: | Sign:
File **0000027891**
Number:
FRN: **0002770360** | Date **02/18**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
DETROIT EDUCATIONAL TELEVISION FOUNDATION Doing Business As: WTVS	John Mark RILEY BROADCASTCAST CENTER 1 CLOVER COURT WIXOM, MI 48393 United States	+1 (248) 305- 3788	jmark@dptv. org	Not-for-Profit

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
John Mark <i>VP Engineering</i> <i>Detroit Educational Television Foundation</i>	John Mark 1 Clover Court Wixom, MI 48393 United States	+1 (248) 305- 3760	jmark@dptv. org

**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.	Yes
Briefly describe transition plan	3 stations Install and operate from a new side mount Broadband Antenna installed before implementation of Phase 3 due to WMYD early transition. Install new transmitter filters coax and antenna to operate on post transition assigned frequency of channel 20

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	Visionary DT Dual HP25SDW
	Year	1999
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 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-60
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	38 kW
	Justification for New Transmitter	Current Transmitter Manufacture no longer in business Parts unavailable SS transmitter lower cost than IOT See Attached

**Primary
Transmitter**

Other Transmitter Costs

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

	Size	2 inches
	Length	200.0 feet
	Other Electrical Service	Yes
	Description	Generator replacement Electrical installation for Transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	10 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	1500.0 square feet
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

Name	Description
electrical Sub panel	power distribution for new combiner room
HVAC ice shield	protection for external portion of HVAC
10 ton Heating and cooling unit	antenna combiner room heating and cooling

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?	No
	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	Bottom
	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)	600.0 kW

Manufacturer	
Model	TFU-18GBH-R04
Year	1999

Primary
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	345.0 kW
	Manufacturer	

Model	TFU-24GTH-VP-R 06
Year	2019
Justification for New Antenna	Current antenna does not support new channel Vertical upgrade will be a separate line item on invoice

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?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
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	Leased
	Owner	American Tower
	Is antenna shared?	Yes
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Slot
	Number of Stations Supported	3
	Number of Panels/Bays	24
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	60.0 kW
	Manufacturer	
	Model	TFU-24WB /VP

Year	2018
Justification for New Antenna	Candelabra will need extensive upgrades for repack of 3 stations 1 in phase 3 two in phase 8

Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	3
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	7 3/16 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
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

Enter a list of RF channel numbers.

RF Channel Number
21
43
44

**Interim
Antenna**

Other Antenna Cost Not Listed

Name	Description
combiner installation	installation of combiner by manufacture

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	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1200 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?	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	Cannel reassignment is forbidden channel on current coax

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	Rigid
	Diameter	7 3/16 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	995 feet per run
	Justification for New Transmission Line	no current interim coax cost for coax, 3 elbows and nitrogen generator for pressurization of line

Interim
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Tower
Equipment
And
Rigging
Costs**

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

**Primary
Tower**

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	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	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1003429
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	42° 26' 52.5" N-
	Longitude (NAD83)	083° 10' 23.1" W-
	Overall Structure Height	1086.93 feet
	Support Structure Height	1012.13 feet
	Ground Elevation Above Mean Sea Level (AMSL)	662.07 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Tower, LLC
Date Constructed	06/11/1999

**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
6056	WRCJ-FM	FM
72123	WWJ-TV	DTV
74211	WMYD	DTV

Other Types of Users

Users
WHNE-LD
W292DK
W224CC
W268CN
W232CA
T-Mobil

**Primary
Tower**

Tower Modification Costs

Section	Question	Response
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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:	Minor Reinforcements needed

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra
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	690
	Explanation	Project management fees charged by tower owner
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	2
	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	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	Yes
	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	No
	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

Name	Description
Site Coordination meeting	Coordination meeting of tenants tower owner and all contractors and vendors involved with the deliveries and construction. Travel and Logistical expenses incurred

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	Yes
	Non-zoning permits	No
	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?	No
	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
tower owner permits	Permits for combiner room electrical and construction permits
Employee time	Employee's time spent working on paperwork accounting, transmitter work, and supervision
Interim antenna connection	Coax, switches, forward/reverse power meters to interconnect with interim antenna
Interim antenna tower lease	Tower rental space for interim antenna
Lift equipment rental	fork lift and/or crane for lifting heavy equipment
Site Security	Due to high value equipment stored outside additional security measures needed

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-60	\$1,710,219.00	\$1,127,152.93		\$992,902.32	
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$948,652.93	GatesAir Quote Q-80362	\$859,166.47	N/A
10 ton Heating and cooling unit	<i>\$19,219.00</i>	\$19,219.00	see Justifying Quote WTVS Kropf Mechanical Service Company	\$19,219.00	N/A
HVAC ice shield	<i>\$1,500.00</i>	\$1,500.00	American tower charge	\$0.00	N/A
electrical Sub panel	<i>\$1,700.00</i>	\$1,700.00	American Tower Charge	\$833.34	X
10 Ton system	\$38,900.00	\$15,864.00	Replace 5 ton unit with 10 ton unit due to increased heat load of transmitter Available wall space will not support 2 5 ton units	\$0.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$6,050.00	American tower charge	\$0.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$1,667.00	American tower charge	\$624.84	N/A

Other Electrical Service: Generator replacement Electrical installation for Transmitter	\$127,500.00	\$127,500.00	Electrical costs for 230KW generator and installation replacement due to inadequate power for new transmitter also transmitter electrical installation and decommissioning cost	\$109,308.67	N/A
Other -- Building Addition Size: 1500.0	\$5,000.00	\$5,000.00	American Tower Charge	\$3,750.00	N/A
Sub-total	\$1,710,219.00	\$1,127,152.93	N/A	\$992,902.32	N/A
Total for all systems	\$3,882,207.55	\$2,994,191.48	N/A	\$2,093,445.11	N/A

Components

Actual Information	
Description	File Name
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	<div> Component Description: RIGID TRANSMISSION LINE - COPPER Amount: \$618.75 </div> <div> Component Description: A. Transmitter Amount: \$316,217.64 </div> <div> Component Description: CONTRACT AMOUNT Amount: \$14,350.71 </div>

	Component Description:	2nd PROGRESS INVOICE FOR THE TRANSMITTER REPLACEMENT PROJECT
	Amount:	\$7,392.79
	Component Description:	OTHER
	Amount:	\$40.69
	Component Description:	3rd progress invoice for the transmitter replacement
	Amount:	\$10,871.75
	Component Description:	ULXTE-60 Transmitter
	Amount:	\$185,777.40
	Component Description:	BPME6-UH, BPME 6-1/8" Flanged
	Amount:	\$7,679.10
	Component Description:	ULXTE-60 Transmitter
	Amount:	\$316,217.64
10 ton Heating and cooling unit	Component Description:	Completed the installation of one
	Amount:	\$19,219.00
HVAC ice shield	Information not provided.	

electrical Sub panel	<div> <div> Component Description: Amount: </div> <div> WTVS-110-1st Primary Transmitter - Electrical Sub Panel \$833.34 </div> </div>
10 Ton system	Information not provided.
Switchgear - industrial 800 amp	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	<div> <div> Component Description: Amount: </div> <div> Broadcast Repack \$416.50 </div> </div> <div> <div> Component Description: Amount: </div> <div> 25% deposit for this component \$208.34 </div> </div>
Other Electrical Service: Generator replacement Electrical installation for Transmitter	<div> <div> Component Description: Amount: </div> <div> Remove and replace (1) 150 KW generator \$27,223.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Remove and replace (1) 150kw generator \$81,669.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> 25% deposit on component \$416.67 </div> </div>

Other -- Building Addition Size: 1500.0		
	Component Description:	25% downpayment
	Amount:	on component \$1,250.00
	Component Description:	WTVS-110-1st
		Primary Transmitter
		- Building Addition,
		1,500 sq. ft.
	Amount:	\$2,500.00

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-24WB /VP	\$259,664.75	\$243,134.75		\$189,151.92	
combiner installation	<i>\$8,333.00</i>	\$8,333.00	Per American Tower Project cost estimation	\$6,249.83	a
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	\$16,850.00	\$6,000.00	N/A	\$2,500.00	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	N/A	\$57,500.17	N/A

UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 60 - 65 kW input, elliptically or circularly polarized	\$120,401.75	\$120,401.75	American Tower cost estimate and PO #13-1652	\$120,401.75	The actual amount reimbursed for invoice 460199507 is \$15,000 (not \$97,901.75)
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$2,500.17	X
Primary Antenna TFU-24GTH-VP-R 06	\$308,530.00	\$293,100.00		\$203,123.24	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	\$10,773.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$275,000.00	N/A	\$186,590.24	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Sub-total	\$568,194.75	\$536,234.75	N/A	\$392,275.16	N/A

Total for all systems	\$3,882,207.55	\$2,994,191.48	N/A	\$2,093,445.11	N/A
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Components

Actual Information Description	File Name
combiner installation	<p>Component Description: 25% downpayment on component</p> <p>Amount: \$2,083.33</p> <p>Component Description: WTVS-280-Interim Antenna - Combiner Installation</p> <p>Amount: \$4,166.50</p>
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Elbow complex, broadband, at antenna input, per 7 3/16. feedline (if needed)	<p>Component Description: WTVS-280-Interim Antenna - Elbow Complex, Broadband, 7 3/16"</p> <p>Amount: \$1,666.67</p> <p>Component Description: 25% downpayment for compenent</p> <p>Amount: \$833.33</p>

New combiner, cost per channel (without antenna)		
	Component Description:	25% downpayment on component
	Amount:	\$19,166.67
	Component Description:	WTVS-280-Interim Antenna - New Combiner
	Amount:	\$38,333.50
	Component Description:	PARTIAL PAYMENT FOR NEW COMBINER
	Amount:	N/A

UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 60 - 65 kW input, elliptically or circularly polarized	<div> <div>Component Description:</div> <div>CAPITAL CONTRIBUTION - DETROIT - OAK PARK T1 MI / 282678 / ASSET#282678-BT1 / OAA711327 / FID 1003429 / WTVS Channel 20 Phase 8 / MILESTONE 1 / BROADCAST REPACK / TAX ID: 65-0723837</div> </div> <div> <div>Amount:</div> <div>\$97,901.75</div> </div>
	<div> <div>Component Description:</div> <div>PARTIAL PAYMENT ON UHF HIGH POWER SIDE MOUNT ANTENNA</div> </div> <div> <div>Amount:</div> <div>N/A</div> </div>
	<div> <div>Component Description:</div> <div>WTVS-280-Interim Antenna - UHF High Power Side Mount, E-POL</div> </div> <div> <div>Amount:</div> <div>\$22,500.00</div> </div>
Sweep test of existing antenna	<div> <div>Component Description:</div> <div>WTVS-280-Interim Antenna - Sweep Test</div> </div> <div> <div>Amount:</div> <div>\$833.33</div> </div>
	<div> <div>Component Description:</div> <div>WTVS-280-Interim Antenna - Sweep Test</div> </div> <div> <div>Amount:</div> <div>\$1,666.84</div> </div>

<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="692 174 1007 210">Component Description:</td><td data-bbox="1139 174 1369 286">WTVS-210-Primary Antenna - Elbow Complex, 6 1/8"</td></tr> <tr> <td data-bbox="692 297 807 333">Amount:</td><td data-bbox="1139 297 1257 333">\$5,386.50</td></tr> <tr> <td data-bbox="692 434 1007 470">Component Description:</td><td data-bbox="1139 434 1369 546">WTVS-210-Primary Antenna - Elbow Complex, 6 1/8"</td></tr> <tr> <td data-bbox="692 557 807 593">Amount:</td><td data-bbox="1139 557 1257 593">\$5,386.50</td></tr> </table>	Component Description:	WTVS-210-Primary Antenna - Elbow Complex, 6 1/8"	Amount:	\$5,386.50	Component Description:	WTVS-210-Primary Antenna - Elbow Complex, 6 1/8"	Amount:	\$5,386.50				
Component Description:	WTVS-210-Primary Antenna - Elbow Complex, 6 1/8"												
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Component Description:	WTVS-210-Primary Antenna - Elbow Complex, 6 1/8"												
Amount:	\$5,386.50												
<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="692 719 1007 754">Component Description:</td><td data-bbox="1139 719 1353 799">UHF - High Power Top Mount</td></tr> <tr> <td data-bbox="692 810 807 846">Amount:</td><td data-bbox="1139 810 1273 846">\$93,295.12</td></tr> <tr> <td data-bbox="692 947 1007 983">Component Description:</td><td data-bbox="1139 947 1353 1028">UHF - High Power Top Mount</td></tr> <tr> <td data-bbox="692 1039 807 1075">Amount:</td><td data-bbox="1139 1039 1273 1075">\$93,295.12</td></tr> </table>	Component Description:	UHF - High Power Top Mount	Amount:	\$93,295.12	Component Description:	UHF - High Power Top Mount	Amount:	\$93,295.12				
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Component Description:	UHF - High Power Top Mount												
Amount:	\$93,295.12												
<p>Sweep test of existing antenna</p>	<table> <tr> <td data-bbox="692 1189 1007 1225">Component Description:</td><td data-bbox="1139 1189 1369 1301">WTVS-210-Primary Antenna - Sweep Test</td></tr> <tr> <td data-bbox="692 1312 807 1348">Amount:</td><td data-bbox="1139 1312 1257 1348">\$2,046.67</td></tr> <tr> <td data-bbox="692 1449 1007 1485">Component Description:</td><td data-bbox="1139 1449 1369 1561">WTVS-210-Primary Antenna - Sweep Test</td></tr> <tr> <td data-bbox="692 1572 807 1608">Amount:</td><td data-bbox="1139 1572 1257 1608">\$2,880.00</td></tr> <tr> <td data-bbox="692 1709 1007 1744">Component Description:</td><td data-bbox="1139 1709 1369 1789">25% downpayment on component</td></tr> <tr> <td data-bbox="692 1800 807 1836">Amount:</td><td data-bbox="1139 1800 1235 1836">\$833.33</td></tr> </table>	Component Description:	WTVS-210-Primary Antenna - Sweep Test	Amount:	\$2,046.67	Component Description:	WTVS-210-Primary Antenna - Sweep Test	Amount:	\$2,880.00	Component Description:	25% downpayment on component	Amount:	\$833.33
Component Description:	WTVS-210-Primary Antenna - Sweep Test												
Amount:	\$2,046.67												
Component Description:	WTVS-210-Primary Antenna - Sweep Test												
Amount:	\$2,880.00												
Component Description:	25% downpayment on component												
Amount:	\$833.33												

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	\$331,335.00	\$105,200.00		\$78,755.25	
Rigid Transmission Line - copper, 7 3/16" broadband	\$331,335.00	\$105,200.00	N/A	\$78,755.25	N/A
Primary Transmission Line	\$242,400.00	\$230,400.00		\$176,171.62	
Rigid Transmission Line - copper, 6 1/8"	\$242,400.00	\$230,400.00	N/A	\$176,171.62	N/A
Sub-total	\$573,735.00	\$335,600.00	N/A	\$254,926.87	N/A
Total for all systems	\$3,882,207.55	\$2,994,191.48	N/A	\$2,093,445.11	N/A

Components

Actual Information	
Description	File Name

Rigid Transmission Line - copper, 7 3/16" broadband	<div> Component Description: WTVS-380-Interim Transmission Line - Rigid, Copper, 7 3 /16" </div> <div> Amount: \$52,503.50 </div>
	<div> Component Description: PARTIAL PAYMENT FOR RIGID TRANSMISSION LINE </div> <div> Amount: \$26,251.75 </div>
Rigid Transmission Line - copper, 6 1/8"	<div> Component Description: WTVS-310-Primary Transmission Line - Rigid, Copper, 6 1 /8" </div> <div> Amount: \$88,085.81 </div>
	<div> Component Description: WTVS-310-Primary Transmission Line - Rigid, Copper, 6 1 /8" </div> <div> Amount: \$88,085.81 </div>

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	\$605,300.00	\$575,000.00		\$280,976.24	
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	\$14,600.00	Please remove \$14,600 entry for Tower Mapping & Structural Engineering as FCC did not like two invoices attached in one request.
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$3,000.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$263,376.24	N/A
Sub-total	\$605,300.00	\$575,000.00	N/A	\$280,976.24	N/A
Total for all systems	\$3,882,207.55	\$2,994,191.48	N/A	\$2,093,445.11	N/A

Components

Actual Information Description	File Name
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<p>Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study</p>	<table> <tr> <td data-bbox="707 174 1015 208">Component Description:</td><td data-bbox="1147 174 1378 327">Broadcast Tower Mapping Detroit OakPark Broadcast Repack Line 2</td></tr> <tr> <td data-bbox="707 338 815 371">Amount:</td><td data-bbox="1147 338 1267 371">\$8,267.00</td></tr> <tr> <td data-bbox="707 477 1015 510">Component Description:</td><td data-bbox="1147 477 1378 510">Broadcast structural</td></tr> <tr> <td data-bbox="707 517 815 551">Amount:</td><td data-bbox="1147 517 1267 551">\$6,333.00</td></tr> <tr> <td data-bbox="707 656 1015 689">Component Description:</td><td data-bbox="1147 656 1378 763">TOWER MAPPING & STRUCTURAL ENGINEERING</td></tr> <tr> <td data-bbox="707 775 815 808">Amount:</td><td data-bbox="1147 775 1193 808">N/A</td></tr> </table>	Component Description:	Broadcast Tower Mapping Detroit OakPark Broadcast Repack Line 2	Amount:	\$8,267.00	Component Description:	Broadcast structural	Amount:	\$6,333.00	Component Description:	TOWER MAPPING & STRUCTURAL ENGINEERING	Amount:	N/A
Component Description:	Broadcast Tower Mapping Detroit OakPark Broadcast Repack Line 2												
Amount:	\$8,267.00												
Component Description:	Broadcast structural												
Amount:	\$6,333.00												
Component Description:	TOWER MAPPING & STRUCTURAL ENGINEERING												
Amount:	N/A												
<p>Minor tower reinforcement /modifications</p>	<table> <tr> <td data-bbox="707 947 1015 981">Component Description:</td><td data-bbox="1147 947 1339 1173">WTVS-410- Existing Primary Tower - Minor Tower Reinforcement /Modifications</td></tr> <tr> <td data-bbox="707 1184 815 1218">Amount:</td><td data-bbox="1147 1184 1267 1218">\$2,000.00</td></tr> <tr> <td data-bbox="707 1323 1015 1357">Component Description:</td><td data-bbox="1147 1323 1374 1395">25% downpayment on component</td></tr> <tr> <td data-bbox="707 1402 815 1435">Amount:</td><td data-bbox="1147 1402 1267 1435">\$1,000.00</td></tr> </table>	Component Description:	WTVS-410- Existing Primary Tower - Minor Tower Reinforcement /Modifications	Amount:	\$2,000.00	Component Description:	25% downpayment on component	Amount:	\$1,000.00				
Component Description:	WTVS-410- Existing Primary Tower - Minor Tower Reinforcement /Modifications												
Amount:	\$2,000.00												
Component Description:	25% downpayment on component												
Amount:	\$1,000.00												

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)

Component Description:

WTVS-410-
Existing Primary
Tower - Tower
Rigging, Complex
Tower

Amount:

\$106,363.12

Component Description:

WTVS-410-
Existing Primary
Tower - Tower
Rigging, Complex
Tower

Amount:

\$27,500.00

Component Description:

WTVS-410-
Existing Primary
Tower - Tower
Rigging, Complex
Tower

Amount:

\$106,363.12

Component Description:

25% downpayment
on component

Amount:

\$13,750.00

Component Description:

Tower Permit
Drawing Package

Amount:

\$9,400.00

**Cost
Information**

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$177,430.00	\$173,425.00		\$80,279.70	
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	\$2,500.00	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	\$300.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	\$407.50	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	\$90.00	N/A
Project management of the transition	\$109,020.00	\$109,175.00	Quote Widely Project Management and ATC PO 13-1647 permit filing services	\$73,099.45	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,707.75	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$300.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	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 request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	N/A	N/A
Site Coordination meeting	\$2,500.00	\$2,500.00	N/A	\$1,875.00	N/A
Sub-total	\$177,430.00	\$173,425.00	N/A	\$80,279.70	N/A
Total for all systems	\$3,882,207.55	\$2,994,191.48	N/A	\$2,093,445.11	N/A

Components

Actual Information

Description	File Name
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RF Exposure Measurements	<table> <tr> <td data-bbox="707 174 1015 208">Component Description:</td><td data-bbox="1147 174 1342 365">WTVS-580-Field Engineering Service - Rf Exposure Measurements</td></tr> <tr> <td data-bbox="707 376 815 409">Amount:</td><td data-bbox="1147 376 1265 409">\$1,666.67</td></tr> <tr> <td data-bbox="707 517 1015 551">Component Description:</td><td data-bbox="1147 517 1289 622">25% down payment for component</td></tr> <tr> <td data-bbox="707 633 815 667">Amount:</td><td data-bbox="1147 633 1246 667">\$833.33</td></tr> </table>	Component Description:	WTVS-580-Field Engineering Service - Rf Exposure Measurements	Amount:	\$1,666.67	Component Description:	25% down payment for component	Amount:	\$833.33
Component Description:	WTVS-580-Field Engineering Service - Rf Exposure Measurements								
Amount:	\$1,666.67								
Component Description:	25% down payment for component								
Amount:	\$833.33								
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	<table> <tr> <td data-bbox="707 808 1015 842">Component Description:</td><td data-bbox="1147 808 1347 913">FCC repack Review of WTVS 399</td></tr> <tr> <td data-bbox="707 925 815 958">Amount:</td><td data-bbox="1147 925 1230 958">\$75.00</td></tr> <tr> <td data-bbox="707 1066 1015 1099">Component Description:</td><td data-bbox="1147 1066 1358 1171">FCC repack: Analysis of WTVS impact</td></tr> <tr> <td data-bbox="707 1182 815 1216">Amount:</td><td data-bbox="1147 1182 1246 1216">\$225.00</td></tr> </table>	Component Description:	FCC repack Review of WTVS 399	Amount:	\$75.00	Component Description:	FCC repack: Analysis of WTVS impact	Amount:	\$225.00
Component Description:	FCC repack Review of WTVS 399								
Amount:	\$75.00								
Component Description:	FCC repack: Analysis of WTVS impact								
Amount:	\$225.00								
ASR modification (prepare FCC Form 854)	Information not provided.								
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.								

Attorney Fees - Negotiation of lease and other matters for shared locations	Component Description: Television Repacking Services-WTVS Amount: \$90.00
	Component Description: Invoice for legal services Amount: \$90.00
	Component Description: Television Repacking Services - WTVS Amount: \$60.00
	Component Description: Television Repacking Services - WTVS Amount: \$90.00
	Component Description: Legal Services - Television Repacking Services - WTVS Amount: \$77.50
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	Component Description: Television Repacking Services Amount: \$90.00
Project management of the transition	Component Description: Project Management Amount: \$3,779.45

Component Description:	Project Management
Amount:	\$2,590.10

Component Description:	Project Management
Amount:	\$2,411.75

Component Description:	Project Management
Amount:	\$4,210.05

Component Description:	Project Management
Amount:	\$4,221.70

Component Description:	Project Management
Amount:	\$2,962.90

Component Description:	Project Management
Amount:	\$8,134.35

Component Description:	Project Management
Amount:	\$2,802.70

Component Description:	PO Line 1 - NTP Billable - Project Mgmt
Amount:	\$9,480.00

Component Description:	Project Management
Amount:	\$4,760.70

Component Description:	Project Management
Amount:	\$3,166.55

Component Description:	Project Management
Amount:	\$5,909.75

Component Description:	Project Management
Amount:	\$4,170.20

Component Description:	Please deny this component
Amount:	N/A

Component Description:	25% downpayment for work being done by American Tower
Amount:	\$1,250.00

Component Description:	Project Management
Amount:	\$3,642.90

Component Description:	Project Management
Amount:	\$4,064.85

Component Description:	CONSULTING WORK WITH STAFF TO CREATE A REPACK FACT SHEET.
Amount:	\$450.00

	Component Description: WTVS-510-Project Management Amount: \$2,500.00
	Component Description: Project Management Amount: \$2,591.50
Prepare and or review reimbursement form	Component Description: Legal services to prepare and review reimbursement form in addition to review & filing reports Amount: \$1,617.75 Component Description: Legal services Amount: \$90.00
Address transition timing and coordination issues w/ other stations and wireless	Component Description: Legal Services Amount: \$300.00
Perform engineering study for new channel assignment and antenna development	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.

Site Coordination meeting	Component Description:	WTVS-590-Site Coordination Meeting
	Amount:	\$1,250.00
	Component Description:	25% downpaymaent for this component
	Amount:	\$625.00

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	\$247,328.80	\$246,778.80		\$92,084.82	
Site Security	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Lift equipment rental	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
Interim antenna tower lease	<i>\$65,148.39</i>	\$65,148.39	American Tower cost estimate; DPTV WTVS-610-Interim Antenna Tower Lease Budget Increase Justification	\$43,200.00	N/A
Employee time	<i>\$75,081.10</i>	\$75,081.10	See Attachment	\$10,455.51	Please remove this component. It was resubmitted under outside professional services for repack
tower owner permits	<i>\$750.00</i>	\$750.00	N/A	\$750.00	N/A
Develop and air announcement of upcoming channel change	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A

Equipment Storage	\$8,000.00	\$8,000.00	Outdoor covered storage for equipment and parts	\$2,880.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Local Zoning	\$10,000.00	\$10,000.00	Permits and inspections	N/A	N/A
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	\$1,250.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,750.00	N/A
Interim antenna connection	\$29,799.31	\$29,799.31	Please see Estimated Cost Justification WTVS-610-Interim Antenna Connection v0	\$29,799.31	N/A
Sub-total	\$247,328.80	\$246,778.80	N/A	\$92,084.82	N/A
Total for all systems	\$3,882,207.55	\$2,994,191.48	N/A	\$2,093,445.11	N/A

Components

Actual Information	
Description	File Name
Site Security	Information not provided.
Lift equipment rental	Information not provided.

Interim antenna tower lease	<div> <div> Component Description: Amount: </div> <div> WTVS-610-Interim Antenna Tower Lease \$28,800.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> 25% downpayment on this component \$14,400.00 </div> </div>
Employee time	<div> <div> Component Description: Amount: </div> <div> Project Management \$5,558.54 </div> </div> <div> <div> Component Description: Amount: </div> <div> Project Management \$4,896.97 </div> </div> <div> <div> Component Description: Amount: </div> <div> this component should be removed \$450.00 </div> </div>
tower owner permits	<div> <div> Component Description: Amount: </div> <div> Building permit \$750.00 </div> </div>
Develop and air announcement of upcoming channel change	Information not provided.

Equipment Storage	Component Description:		WTVS-610-Equipment Storage
	Amount:		\$1,440.00
	Component Description:		WTVS-610-Equipment Storage
	Amount:		\$1,440.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.		
Local Zoning	Information not provided.		
MVPD Notification of Channel Change	Component Description:		WTVS-610-MVPD Notification
	Amount:		\$1,250.00
DTV Medical Facility Notification	Component Description:		Medical Notification
	Amount:		\$3,750.00
Interim antenna connection	Component Description:		50 Ohm 2 Way N Power Divider from 500 MHz to 1,000 MHz rated at 10 watts
	Amount:		\$151.66
	Component Description:		#2 Acid brush 1/2" x 6"
	Amount:		\$105.00

Component Description:	50 Ohm 2 Way N Power Divider From 500 MHz to 1,000 MHz Rated at 10 watts
Amount:	\$583.04

Component Description:	18-8 stainless steel hex head screw
Amount:	\$66.89

Component Description:	Hoist block and tackle
Amount:	\$58.29

Component Description:	N Male Right Angle to N Male Right Angle Cable Using LMR-400 Coax and Times Connectors
Amount:	\$875.12

Component Description:	Switch WR1500 H Plane 115 VAC 60000 SER
Amount:	\$20,095.80

Component Description:	Insulator Conductor Adapter 4 1/16" Thin-Stand
Amount:	\$336.84

Component Description:	Clevis Hanger 1 1 /4 IN. 215LB Max Load
Amount:	\$66.73

Component Description:	BPME4M-UH BPME 4-1/16" Flanged
Amount:	\$7,032.75

Component Description:	Hot-water hose, medium-pressure
Amount:	\$111.66

Component Description:	Interim antenna connection
Amount:	\$315.53

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,882,207.55	\$2,994,191.48	\$2,093,445.11

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	No
	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.

<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>William Carignan <i>Controller</i></p> <p>02/18/2020</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> 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>William Carignan <i>Controller</i></p> <p>02/18/2020</p>

Attachments