



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **65944** | Service: **DTV** | Call **WMPB** | Channel: **22 (UHF)** |  
ID: | Sign:  
File **0000027906**  
Number:  
FRN: **0003857380** | Date **07/14**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>MARYLAND PUBLIC BROADCASTING COMMISSION</b> Doing Business As: MARYLAND PUBLIC TELEVISION	Larry D. Unger, President & CEO 11767 OWINGS MILLS BOULEVARD OWINGS MILLS, MD 21117 United States	+1 (410) 356- 5600	lunger@mpt.org	Government Entity

## 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>Samuel Hariton</b> <i>Widely Inc.</i>	Samuel Hariton 4031 University Dr Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widely.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		Current transmission system consists of a transmitter feeding a transmission line which connects to an antenna on the tower. Work includes connecting new repack channel main/aux transmitters to current broadband line and antenna.

**Transmitters**

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

**Auxiliary  
Transmitter****Add Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Used in case of failure of the main
	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	TDU2- 5K00LV
	Year	2003
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	5.0 kW

**Auxiliary  
Transmitter****New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	MPTV-PRLX- U4
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	6.5 kW
	Justification for New Transmitter	Current transmitter is not supported for a channel change. See attached Transmitter Replace justification letter from manufacturer. An increase of power is part a multi-station agreement provided to the FCC to accommodate moving WETA to channel 31.

**Auxiliary  
Transmitter****Other Transmitter Costs**

Section	Question	Response
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<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.
<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

**Auxiliary  
Transmitter**

**Other Transmitter Cost Not Listed**

Name		Description
Coolant		The coolant used for the transmitter heat exchanger is not included in the transmitter price
Motorized Switch		Switches which transmitter will feed the mask filter. This is not an upgrade as station uses a motorized switch. Current switch can't be utilized and have station remain on-air.
Bag Filter		Bag type water filtration for heat exchanger system. Current pre-repack cooling system has this filtering.
Remote Control Interface		License required to interface transmitter into current remote control system
Rigid Coax Line		Rigid interconnection coax lines from transmitter to filter to antenna switch.

**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	TDU2- 5K00LV
	Year	2003
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	5.0 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	MPTV-PRLX-U4
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	6.5 kW
	Justification for New Transmitter	Current transmitter is not supported for a channel change. See attached Transmitter Replace justification letter from manufacturer. An increase of power is part a multi-station agreement provided to the FCC to accommodate moving WETA to channel 31.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No



	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.
<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**

Name	Description
<b>Primary Transmitter Installation</b>	Primary transmitter install and materials
<b>12-Pole Mask Filter</b>	Sharp tuned mask filter to further protect adjacent channel Class A WMJF-CD, Ch. 23 and WMPT, Ch 21. Part of a multi-party resolution provided to the FCC to accommodate moving WETA to channel 31 .
<b>Coolant</b>	The coolant used for the transmitter heat exchanger is not included in the transmitter price
<b>Site Design and Survey</b>	Incorporates all aspects of the transmitter room design, including power distribution requirements, equipment placement, RF system layout, plumbing, and remote control.
<b>Bag Filter</b>	Bag type water filtration for heat exchanger system. Current pre-repack cooling system has this filtering.
<b>Remote Control Interface</b>	License required to interface transmitter into current remote control system
<b>Motorized Switch</b>	Electric actuated switch to switch main /auxiliary transmitters into antenna. Current transmitter has this capability but switch cannot be moved as it is in pre-repack service.
<b>Rigid Coax Line</b>	Rigid interconnection coax lines from transmitter to filter to antenna switch.

**Antennas**

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	No

**Transmission Line**

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

**Primary  
Transmission Line****Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	Type	Rigid
	Diameter	Other
	Other Diameter	7 inches
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1000 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name		Description
Primary Transmission Line - Tune Elbows		Primary Transmission Line - Tune Elbows

**Tower  
Equipment  
And  
Rigging  
Costs**

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	No

**Outside  
Professional Services Costs**

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	200
	Explanation	Applicant has limited internal resources to oversee installing and commissioning this repack project. It will rely on outside services to manage all work required.
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	No
	Quantity	N/A

	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	No
	Quantity	N/A
	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	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	1

	Justification	Electrical sweep to evaluate suitability of antenna and line on repack channel. 6400 Sweep and tower climber to optimize Ant /line for repack channel. 6400 plus 3000.
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**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
Progress Reporting	Prepare and file 10 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
<b>Permit and Filing Costs</b>	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	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?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	No
	Does this relocation require MVPD Notification of a Channel Change?	Yes



<b>Other Expenses</b>	<b>Other Expenses Not Listed</b> Information not provided.
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## 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 MPTV- PRLX-U4	\$428,007.78	\$414,507.78		\$207,528.78	
Rigid Coax Line	<i>\$2,600.00</i>	\$2,600.00	Rigid interconnection coax lines from transmitter to filter to antenna switch.	\$1,300.00	N/A
Motorized Switch	<i>\$18,110.00</i>	\$18,110.00	Electric actuated switch to switch main /auxiliary transmitters into antenna. Current transmitter has this capability but switch cannot be moved as it is in pre-repack service.	\$9,055.00	N/A
Remote Control Interface	<i>\$2,205.00</i>	\$2,205.00	License required to interface transmitter into current remote control system	\$0.00	N/A

Bag Filter	<b>\$6,975.00</b>	\$6,975.00	Bag type water filtration for heat exchanger system. Current pre-repack cooling system has this filtering.	\$3,487.50	N/A
Site Design and Survey	<b>\$17,673.10</b>	\$17,673.10	see Estimated Cost Justification WMPB-110-1st Primary Transmitter - Transmitter Site Survey and Design v0	\$17,673.10	N/A
Coolant	<b>\$1,000.00</b>	\$1,000.00	The coolant used for the transmitter heat exchanger is not included in the transmitter price	\$0.00	N/A
12-Pole Mask Filter	<b>\$91,463.00</b>	\$91,463.00	Sharp tuned mask filter to further protect adjacent channel Class A WMJF-CD, Ch. 23 and WMPT, Ch 21. Part of a multi-party resolution provided to the FCC to accommodate moving WETA to channel 31 .	\$45,731.50	N/A

Primary Transmitter Installation	<b>\$281.68</b>	\$281.68	WMPB Blue Mountain Delivery Invoice #20813 Budget Revision Justification Letter	\$281.68	N/A
Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	<b>\$14,200.00</b>	\$14,200.00	Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor. See attached electrical quote	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$260,000.00	Current transmitter is not supported for a channel change. See attached Transmitter Replace justification letter from manufacturer. An increase of power is part a multi-station agreement provided to the FCC to accommodate moving WETA to channel 31.	\$130,000.00	N/A

<b>Auxiliary Transmitter MPTV-PRLX-U4</b>	<b>\$316,905.00</b>	<b>\$272,255.00</b>		<b>\$127,425.00</b>	
Remote Control Interface	<b>\$2,205.00</b>	\$2,205.00	License required to interface transmitter into current remote control system	\$0.00	N/A
Motorized Switch	<b>\$16,425.00</b>	\$16,425.00	Switches which transmitter will feed the mask filter. This is not an upgrade as station uses a motorized switch. Current switch can't be utilized and have station remain on-air.	\$0.00	N/A
Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	<b>\$14,200.00</b>	\$14,200.00	Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor. See attached electrical quote	\$0.00	N/A

Coolant	<b>\$1,000.00</b>	\$1,000.00	The coolant used for the transmitter heat exchanger is not included in the transmitter price	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$228,850.00	Current transmitter is not supported for a channel change. See attached Transmitter Replace justification letter from manufacturer. An increase of power is part a multi-station agreement provided to the FCC to accommodate moving WETA to channel 31.	\$122,637.50	N/A
Rigid Coax Line	<b>\$2,600.00</b>	\$2,600.00	Rigid interconnection coax lines from transmitter to filter to antenna switch.	\$1,300.00	N/A
Bag Filter	<b>\$6,975.00</b>	\$6,975.00	N/A	\$3,487.50	N/A
<b>Sub-total</b>	\$744,912.78	\$686,762.78	N/A	\$334,953.78	N/A
<b>Total for all systems</b>	\$905,192.78	\$840,582.78	N/A	\$369,702.33	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Rigid Coax Line	<p><b>Component Description:</b> 20' coax sections primary line 2.4 on main 50 % deposit</p> <p><b>Amount:</b> \$1,300.00</p>
Motorized Switch	<p><b>Component Description:</b> Motorized switch for main. 50% deposit. line 2.6</p> <p><b>Amount:</b> \$9,055.00</p>
Remote Control Interface	Information not provided.
Bag Filter	<p><b>Component Description:</b> bag filter for Main xmtr. 50 % deposit upon ordering. line 2.3</p> <p><b>Amount:</b> \$3,487.50</p>
Site Design and Survey	<p><b>Component Description:</b> SYS-DES-SS- PARLX-UL</p> <p><b>Amount:</b> \$15,300.00</p> <p><b>Component Description:</b> Sweep of antenna system WMPB Baltimore</p> <p><b>Amount:</b> \$2,373.10</p>
Coolant	Information not provided.
12-Pole Mask Filter	<p><b>Component Description:</b> 12 pole design. Item 2.5 on quote 50% deposit</p> <p><b>Amount:</b> \$45,731.50</p>

Primary Transmitter Installation	<p><b>Component Description:</b> 5 Gallons DISTILLED- please note the current price</p> <p><b>Amount:</b> \$281.68</p>
Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	<p><b>Component Description:</b> 50% deposit for Lines 1,2 and 3 on invoice. 11447. System components with installation and check out &amp; proof</p> <p><b>Amount:</b> \$130,000.00</p>
Remote Control Interface	Information not provided.
Motorized Switch	Information not provided.
Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	Information not provided.
Coolant	Information not provided.



UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	<div> <div> <b>Component Description:</b> Motorized Switch line2.5 on quote. 50% deposit </div> <div> <b>Amount:</b> \$8,212.50 </div> </div> <div> <div> <b>Component Description:</b> lines 1-1.17 on quote. for auxiliary unit. 50% deposit </div> <div> <b>Amount:</b> \$114,425.00 </div> </div>
Rigid Coax Line	<div> <div> <b>Component Description:</b> 20' coax section for auxiliary line 2.4 on quote 50% deposit </div> <div> <b>Amount:</b> \$1,300.00 </div> </div>
Bag Filter	<div> <div> <b>Component Description:</b> line 2.3 on quote for auxiliary unit bag filter 50% deposit </div> <div> <b>Amount:</b> \$3,487.50 </div> </div>

Cost Information

Antennas

Information not provided.

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
Primary Transmission Line	\$450.00	\$450.00		\$450.00	
Primary Transmission Line - Tune Elbows	<i>\$450.00</i>	\$450.00	Please see WMPB Transmission Line - Tune Elbows Budget Justification Cover Letter	\$450.00	N/A
Sub-total	\$450.00	\$450.00	N/A	\$450.00	N/A
Total for all systems	\$905,192.78	\$840,582.78	N/A	\$369,702.33	N/A

Components

Actual Information	
Description	File Name
Primary Transmission Line - Tune Elbows	<div><div>Component Description:</div><div>Tune elbows in the TV transmission line as part of the TV Re-Pack</div><div>Amount:</div><div>\$450.00</div></div>

Cost Information

Tower Equipment and Rigging Costs

Information not provided.

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$108,960.00	\$107,050.00		\$21,388.55	
Progress Reporting	<i>\$35,000.00</i>	\$35,000.00	Prepare and file 10 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.	\$551.75	N/A
Additional Field Engineering Service, 1 Days	<i>\$15,800.00</i>	\$15,800.00	Electrical sweep to evaluate suitability of antenna and line on repack channel. \$6400 Sweep and tower climber to optimize Ant /line for repack channel. \$6400 plus \$3000.	\$3,000.00	N/A

Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$5,000.00	Fees related to multi-party resolution agreement with Maryland Public TV, WETA and HME Equity Fund II, LLC. Involved several stations moving channels to accommodate WETA moving from ch 14 to 31.	\$168.50	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$168.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$285.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$0.00	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$0.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$0.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$0.00	N/A
Project management of the transition	\$31,600.00	\$30,000.00	N/A	\$17,215.30	N/A
<b>Sub-total</b>	\$108,960.00	\$107,050.00	N/A	\$21,388.55	N/A
<b>Total for all systems</b>	\$905,192.78	\$840,582.78	N/A	\$369,702.33	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Progress Reporting	<div data-bbox="708 174 1375 327"> <p><b>Component Description:</b> Additional items for other locations and other MPT issues.</p> <p><b>Amount:</b> \$89.25</p> </div> <div data-bbox="708 434 1375 586"> <p><b>Component Description:</b> Legal fees associated with the Repacking Project</p> <p><b>Amount:</b> \$104.50</p> </div> <div data-bbox="708 694 1375 927"> <p><b>Component Description:</b> Legal Fees associated with Progress Reporting for Repacking Project</p> <p><b>Amount:</b> \$31.50</p> </div> <div data-bbox="708 1034 1375 1184"> <p><b>Component Description:</b> Progress Reporting for Repacking Project for WMPB</p> <p><b>Amount:</b> \$142.50</p> </div> <div data-bbox="708 1292 1375 1444"> <p><b>Component Description:</b> Legal fees associated with the repacking project</p> <p><b>Amount:</b> \$79.50</p> </div> <div data-bbox="708 1552 1375 1702"> <p><b>Component Description:</b> Legal fees associated with the repacking project</p> <p><b>Amount:</b> \$104.50</p> </div>
Additional Field Engineering Service, 1 Days	<div data-bbox="708 1839 1366 1991"> <p><b>Component Description:</b> sweep of existing antenna system at WMPB</p> <p><b>Amount:</b> \$3,000.00</p> </div>

Attorney Fees - Negotiation of lease and other matters for shared locations	<b>Component Description:</b>		reimbursement for just the owings mill location WMPB.
	<b>Amount:</b>		\$126.00
	<b>Component Description:</b>		Professional Services
	<b>Amount:</b>		\$42.50
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	<b>Component Description:</b>		Legal fees associated with the repacking project
	<b>Amount:</b>		\$168.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b>		Legal fees for filing form 399/2100
	<b>Amount:</b>		Page 7 of invoice \$285.00
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	Information not provided.		
Perform engineering study for new channel assignment and antenna development	Information not provided.		
Prepare and or review reimbursement form	Information not provided.		
Project management of the transition	<b>Component Description:</b>		Project Management
	<b>Amount:</b>		\$2,162.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,892.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$763.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,388.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$66.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,416.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$162.90

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,280.15

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,466.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$146.10



<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,765.90

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,704.60

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## Cost Information

### Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$50,870.00</b>	<b>\$46,320.00</b>		<b>\$12,910.00</b>	
MVPD Notification of Channel Change	<i>\$1,000.00</i>	\$1,000.00	Notification will need to be made to MVPD's as required. Applicant to explore using an outside firm to determine which facilities will need to be notified and send the appropriate notification letters.	\$0.00	N/A
Equipment Delivery and Handling Charges	<i>\$18,320.00</i>	\$18,320.00	Transmitter shipping and offloading. See transmitter quote options.	\$9,160.00	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$20,000.00</b>	\$20,000.00	Applicant will be required to dispose of the current transmission line and transmitter and heavy oil filled high voltage power supplies. These cannot be disposed of in a typical landfill.	\$0.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$7,000.00	N/A	\$3,750.00	N/A
<b>Sub-total</b>	\$50,870.00	\$46,320.00	N/A	\$12,910.00	N/A
<b>Total for all systems</b>	\$905,192.78	\$840,582.78	N/A	\$369,702.33	N/A

## Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	Information not provided.

Equipment Delivery and Handling Charges	<table> <tr> <td data-bbox="710 174 1018 208"><b>Component Description:</b></td><td data-bbox="1150 174 1374 327">line 2.1 auxiliary transmitter system transportation 50 % deposit</td></tr> <tr> <td data-bbox="710 338 820 371"><b>Amount:</b></td><td data-bbox="1150 338 1270 371">\$2,330.00</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="710 477 1018 510"><b>Component Description:</b></td><td data-bbox="1150 477 1374 589">Transmitter system transportation. 50% deposit</td></tr> <tr> <td data-bbox="710 600 820 633"><b>Amount:</b></td><td data-bbox="1150 600 1270 633">\$2,330.00</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="710 739 1018 772"><b>Component Description:</b></td><td data-bbox="1150 739 1374 851">line 2.2 on auxiliary offloading 50% deposit</td></tr> <tr> <td data-bbox="710 862 820 896"><b>Amount:</b></td><td data-bbox="1150 862 1270 896">\$2,250.00</td></tr> <tr><td colspan="2"> </td></tr> <tr> <td data-bbox="710 1001 1018 1034"><b>Component Description:</b></td><td data-bbox="1150 1001 1331 1068">Offloading 50% deposit</td></tr> <tr> <td data-bbox="710 1079 820 1113"><b>Amount:</b></td><td data-bbox="1150 1079 1270 1113">\$2,250.00</td></tr> </table>	<b>Component Description:</b>	line 2.1 auxiliary transmitter system transportation 50 % deposit	<b>Amount:</b>	\$2,330.00			<b>Component Description:</b>	Transmitter system transportation. 50% deposit	<b>Amount:</b>	\$2,330.00			<b>Component Description:</b>	line 2.2 on auxiliary offloading 50% deposit	<b>Amount:</b>	\$2,250.00			<b>Component Description:</b>	Offloading 50% deposit	<b>Amount:</b>	\$2,250.00
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<b>Amount:</b>	\$2,250.00																						
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.																						
DTV Medical Facility Notification	<table> <tr> <td data-bbox="710 1402 1018 1435"><b>Component Description:</b></td><td data-bbox="1150 1402 1374 1469">Medical Notification Mailing</td></tr> <tr> <td data-bbox="710 1480 820 1514"><b>Amount:</b></td><td data-bbox="1150 1480 1270 1514">\$3,750.00</td></tr> </table>	<b>Component Description:</b>	Medical Notification Mailing	<b>Amount:</b>	\$3,750.00																		
<b>Component Description:</b>	Medical Notification Mailing																						
<b>Amount:</b>	\$3,750.00																						

<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>	\$905,192.78	\$840,582.78
			\$369,702.33

<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.

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.

**Carl R Wolfe**  
*Director,  
Transmission  
and  
Distribution*

07/14/2020



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"> <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>Carl R Wolfe</b>  <i>Director,  Transmission  and  Distribution</i></p> <p>07/14/2020</p>

## Attachments