Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **40618** | Service: **DTV** | Call Sign: **WCPB** | Channel: **16 (UHF)**

File Number: **0000027915**

FRN: **0003857380** | Date Submitted: **04/01/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MARYLAND PUBLIC BROADCASTING COMMISSION	Carl Wolfe, Director, Transmission and Distribution 11767 OWINGS MILLS BOULEVARD OWINGS MILLS, MD 21117 United States	+1 (410) 356-5600	cwolfe@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
Samuel Hariton *Widelity Inc.*	Samuel Hariton 4031 University Dr Suite 100 Fairfax, VA 22030 United States	+1 (339) 222-8107	sam.hariton@widelity.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 installing new transmission line, attaching to antenna and connecting to new repack channel transmitter.

Transmitters

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

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary use in case of main transmitter failure
	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	TDU2-10K0LV
	Year	2003
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	5 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	PRLX-U8
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13 kW
	Justification for New Transmitter	Current transmitter is not supported for a channel change. See attached Transmitter Replace Justification letter from manufacturer. Power upgrade is part of an agreement provided to the FCC to move WCPB to Ch. 16 to accommodate moving WETA to channel 31.

Auxiliary 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.
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 leashold 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

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Rigid Coax Line	Rigid interconnection coax lines from transmitter to filter to antenna switch.
Remote Control Interface	License required to interface transmitter into current remote control system
Coolant	The coolant used for the transmitter heat exchanger is not included in the transmitter price
Bag Filter	Bag type water filtration for heat exchanger system.
Auxiliary Transmitter - Additional Parts	Auxiliary Transmitter - Additional Parts

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	TDU2-10K0LV
	Year	2003
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	5 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-U8
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13 kW
	Justification for New Transmitter	Current transmitter is not supported for a channel change. See attached Transmitter Replace Justification letter from manufacturer. Power upgrade is part of an agreement provided to the FCC to move WCPB to Ch. 16 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.
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 leashold 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

Name	Description
CIF Mask filter	Constant Impedance mask Filter. Station currently utilizes a CIF. The 8-Pole filter is required to protect Land Mobile operations in Washington D.C. with WCPB being assigned ch. 16.
Motorized Switch	Electric actuated switch to switch between antenna and load
Primary Transmitter - Additional Parts	Primary Transmitter - Additional Parts
Remote Control Interface	License required to interface transmitter into current remote control system
Motorized Switch - Filter Input	Switches main or aux transmitter into mask filter
Rigid Coax Line	Rigid interconnection coax lines from transmitter to filter to antenna switch.
Site Design and Survey	Incorporates all aspects of the transmitter room design, including power distribution requirements, equipment placement, RF system layout, plumbing, and remote control.
Coolant	The coolant used for the transmitter heat exchanger is not included in the transmitter price
Bag Filter	Bag type water filtration for heat exchanger system.

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	Retune Existing
	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	Top Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	16
	Design power capacity in use	50.0 %
	Lower Limit	470.00 MHz

Upper Limit	698.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	132.0 kW
Manufacturer	DIE
Model	TUP-16-O4-1
Year	2009

Primary Antenna

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

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	

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
Antenna Optimizing	Optimize match to operate on channel 16 from 28

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	No

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	280
	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
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	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
RF Field Engineering Services	Comprehensive coverage verification via field study	No

RF exposure measurements	No
Additional Field Engineering Service	Yes
Number of Days	1
Justification	Initial sweep of the antenna to verify if antenna could operate on original repack channel 21.

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Progress Reports	Prepare and file 8 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.
RF Eng - Prepare or Review Reimbursement Form	RF Eng - Prepare or Review Reimbursement Form

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	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?	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

Other Expenses

Other Expenses Not Listed

Information not provided.

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-U8	**$656,762.77**	**$634,227.77**		**$623,042.83**	
Primary Transmitter - Additional Parts	***$211.37***	$211.37	Please see Estimated Cost Justification WCPB-110-1st Primary Transmitter - Additional Parts v0	$211.37	N/A
Bag Filter	***$6,975.00***	$6,975.00	Bag type water filtration for heat exchanger system. Current pre-repack cooling system has this filtering. This IS NOT an upgrade.	$6,975.00	N/A
Coolant	***$814.00***	$814.00	The coolant used for the transmitter heat exchanger is not included in the transmitter price. See attached coolant quote.	$736.56	N/A

Site Design and Survey	***$17,437.90***	$17,437.90	see Estimated Cost Justification WCPB-110-1st Primary Transmitter - Transmitter Site Survey and Design v0	$17,437.90	N/A
Rigid Coax Line	***$2,600.00***	$2,600.00	Rigid interconnection coax lines from transmitter to filter to antenna switch. Part of the internal RF systems and will be cut to length needed. This IS NOT an upgrade.	$2,600.00	N/A
Motorized Switch - Filter Input	***$16,425.00***	$16,425.00	Motorized switch switches main or aux transmitter into filter. Station currently uses motorized switch but can't be moved while on pre-repack channel. See narrative budget rev 061918.pdf	$16,425.00	N/A

Remote Control Interface	***$2,197.50***	$2,197.50	License required to interface transmitter into current remote control system. These are in use now on the Comark transmitters. This IS NOT an upgrade.	$0.00	N/A
Motorized Switch	***$26,195.00***	$26,195.00	Electric actuated switch to switch between antenna and load. Current transmitter has this capability but switch cannot be moved as it is in pre-repack service. See budget rev 061918.pdf	$26,195.00	N/A
CIF Mask filter	***$75,207.00***	$75,207.00	Constant Impedance mask Filter. Station currently utilizes a CIF. The 8-Pole filter is required to protect Land Mobile operations in Washington D. C. with WCPB being assigned ch. 16.	$75,207.00	N/A

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	$494,500.00	$471,965.00	see Estimated Cost Justification WCPB-110-1st Primary Transmitter - UHF Liquid Cooled Solid State, 8.2-13 kW v0	$471,965.00	N/A
Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	***$14,200.00***	$14,200.00	Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	$5,290.00	N/A
Auxiliary Transmitter PRLX-U8	**$521,497.86**	**$461,097.86**		**$449,622.92**	
Auxiliary Transmitter - Additional Parts	***$211.36***	$211.36	Please see Estimated Cost Justification WCPB-150-1st Auxiliary Transmitter - Additional Parts v0	$211.36	N/A

Bag Filter	***$6,975.00***	$6,975.00	Bag type water filtration for heat exchanger system. Current pre-repack cooling system has this filtering. This IS NOT an upgrade.	$6,975.00	N/A
Coolant	***$814.00***	$814.00	The coolant used for the transmitter heat exchanger is not included in the transmitter price. See attached coolant quote.	$736.56	N/A
Remote Control Interface	***$2,197.50***	$2,197.50	License required to interface transmitter into current remote control system. Current Comark transmitters have this interface. This IS NOT an upgrade.	N/A	N/A
Rigid Coax Line	***$2,600.00***	$2,600.00	Rigid interconnection coax lines from transmitter to filter to antenna switch. Part of the internal RF systems and will be cut to length needed. This IS NOT an upgrade.	$2,600.00	N/A

Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	***$14,200.00***	$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.	$5,000.00	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	$494,500.00	$434,100.00	N/A	$434,100.00	The final quote is attached and is less than what was originally estimated.
Sub-total	$1,178,260.63	$1,095,325.63	N/A	$1,072,665.75	N/A
Total for all systems	$1,353,798.16	$1,283,634.31	N/A	$1,195,593.18	N/A

Components

Actual Information Description	File Name

Primary Transmitter - Additional Parts	**Component Description:**	Trimble Bullet III, 30 dB, GPS Antenna, 3.3 VDC
	Amount:	$136.19
	Component Description:	SMA Male to TNC Male Low Loss 240 Coaxial Assembly
	Amount:	$75.18
Bag Filter	**Component Description:**	WCPB-110-1st Primary Transmitter - Bag Filter
	Amount:	$348.75
	Component Description:	bag filler line 3.1 on quote included on line 3 on invoice. 50% deposit
	Amount:	$3,487.50
	Component Description:	WCPB-110-1st Primary Transmitter - Bag Filter
	Amount:	$3,138.75
Coolant	**Component Description:**	Coolant for Transmitter
	Amount:	$736.56

Site Design and Survey	**Component Description:**	SYSTEM DESIGN SERVICES/SITE SURVEY
	Amount:	$15,300.00
	Component Description:	Site Survey
	Amount:	$2,137.90
Rigid Coax Line	**Component Description:**	WCPB-110-1st Primary Transmitter - Rigid Coax Line
	Amount:	$130.00
	Component Description:	WCPB-110-1st Primary Transmitter - Rigid Coax Line
	Amount:	$1,170.00
	Component Description:	20' coax sections line 3.2 on quote d included on invoice line 3 50% deposit
	Amount:	$1,300.00

Motorized Switch - Filter Input	**Component Description:** **Amount:**	WCPB-110-1st Primary Transmitter - Motorized Coaxial Switch for Mask Filter Input $821.25
	Component Description: **Amount:**	WCPB-110-1st Primary Transmitter - Motorized Coaxial Switch for Mask Filter Input $7,391.25
	Component Description: **Amount:**	line 3.5 on quote. part of line 3 on invoice $8,212.50
Remote Control Interface	Information not provided.	

Motorized Switch	**Component Description:**	WCPB-110-1st Primary Transmitter - Motorized Coaxial Switch
	Amount:	$1,309.75
	Component Description:	WCPB-110-1st Primary Transmitter - Motorized Coaxial Switch
	Amount:	$11,787.75
	Component Description:	line 3.3 on quote included in line 3 on invoice
	Amount:	$13,097.50
CIF Mask filter	**Component Description:**	WCPB-110-1st Primary Transmitter - CIF Mask Filter
	Amount:	$3,760.35
	Component Description:	WCPB-110-1st Primary Transmitter - CIF Mask Filter
	Amount:	$33,843.15
	Component Description:	line 3.4 on quote, included on line 3 on invoice,
	Amount:	$37,603.50

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	**Component Description:** **Amount:**	SYSTEM, WCPB PRLX U8 D16 $23,500.00
	Component Description: **Amount:**	Forklift delivery $1,965.00
	Component Description: **Amount:**	line 1a,1b,1c on invoice. Line 1-1.17 on quote D 50% deposit $235,000.00
	Component Description: **Amount:**	SYSTEM, WCPB PRLX U8 D16 $211,500.00
Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	**Component Description:** **Amount:**	Salisbury location installation of wiring for new transmitter $5,290.00
Auxiliary Transmitter - Additional Parts	**Component Description:** **Amount:**	WCPB-150-1st Auxiliary Transmitter - Additional Parts $136.19
	Component Description: **Amount:**	WCPB-150-1st Auxiliary Transmitter - Additional Parts $75.17

Bag Filter	**Component Description:** **Amount:**	WCPB-150-1st Auxiliary Transmitter - Bag Filter $348.75
	Component Description: **Amount:**	WCPB-150-1st Auxiliary Transmitter - Bag Filter $3,138.75
	Component Description: **Amount:**	Bag Filter 50% deposit line 3.1 on quote a part of line 6 on invoice 11448a $3,487.50
Coolant	**Component Description:** **Amount:**	Coolant for Transmitter $736.56
Remote Control Interface	Information not provided.	

Rigid Coax Line	**Component Description:**	WCPB-150-1st Auxiliary Transmitter - Rigid Coax Line
	Amount:	$130.00
	Component Description:	WCPB-150-1st Auxiliary Transmitter - Rigid Coax Line Hitachi Kokusai Electric Comark LLC 11448-3
	Amount:	$1,170.00
	Component Description:	20' coax sections. line 3.2 on quote a Included in cost of line6 on quote. 50% deposit
	Amount:	$1,300.00
Other Electrical Service: Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.	**Component Description:**	Proposal: 2019-27
	Amount:	$5,000.00

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	**Component Description:**	WCPB-150-1st Auxiliary Transmitter - UHF Liquid Cooled Solid State, 8.2-13 kW
	Amount:	$21,705.00
	Component Description:	SYSTEM, WCPB PRLX US 016
	Amount:	$195,345.00
	Component Description:	This is for items 4a,4b,4c on invoice. Also quote p#2958A Auxiliary. 1.1-1.17
	Amount:	$217,050.00

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
Primary Antenna TUP-16-O4-1	**$9,730.00**	**$9,400.00**		**$3,000.00**	
Antenna Optimizing	***$3,000.00***	$3,000.00	Optimize antenna match from channel 28 to channel 16	N/A	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$3,000.00	N/A
Sub-total	$9,730.00	$9,400.00	N/A	$3,000.00	N/A
Total for all systems	$1,353,798.16	$1,283,634.31	N/A	$1,195,593.18	N/A

Components

Actual Information Description	File Name
Antenna Optimizing	Information not provided.
Sweep test of existing antenna	**Component Description:** Sweep of existing system at WCPB salisbury **Amount:** $3,000.00

Cost Information

Transmission Line

Information not provided.

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 Co Justificat
Outside Professional Services	**$114,541.25**	**$132,192.40**		**$86,561.15**	
Project management of the transition	$44,240.00	$46,827.40	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	$46,827.40	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$6,028.75	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	$6,028.75	N/A
RF Eng - Prepare or Review Reimbursement Form	***$9,341.25***	$9,341.25	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	$9,341.25	N/A

Progress Reports	***$28,000.00***	$28,000.00	Prepare and file 8 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.	$2,988.75	N/A
Additional Field Engineering Service, 1 Days	***$6,400.00***	$6,400.00	Initial sweep of antenna to evaluate operation on channel 21 from channel 28.	N/A	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.	$571.50	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,250.00	N/A	$508.00	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 engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	N/A	$861.25	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$19,345.00	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	$19,345.00	N/A
Prepare and or review reimbursement form	$2,630.00	$2,500.00	N/A	$89.25	N/A
Sub-total	$114,541.25	$132,192.40	N/A	$86,561.15	N/A
Total for all systems	$1,353,798.16	$1,283,634.31	N/A	$1,195,593.18	N/A

Components

Actual Information Description	File Name	
Project management of the transition	**Component Description:**	Project Management
	Amount:	$634.40

Component Description:	Project management
Amount:	$4,156.30
Component Description:	Project Management
Amount:	$2,225.35
Component Description:	Project management
Amount:	$1,931.75
Component Description:	Project Management
Amount:	$1,802.15
Component Description:	Project Management
Amount:	$5,022.10
Component Description:	Project Management
Amount:	$2,408.80
Component Description:	Project Management
Amount:	$1,870.50
Component Description:	Project Management
Amount:	$1,592.80
Component Description:	Project Management
Amount:	$3,254.10

Component Description:	Project Management
Amount:	$3,180.15
Component Description:	Project Management
Amount:	$214.15
Component Description:	Project Management
Amount:	$871.35
Component Description:	Project Management
Amount:	$2,111.80
Component Description:	Project management
Amount:	$4,194.00
Component Description:	Project Management
Amount:	$3,068.05
Component Description:	Project Management
Amount:	$2,404.60
Component Description:	Project Management
Amount:	$174.85
Component Description:	Project Management
Amount:	$3,759.10

	Component Description:	Project Management
	Amount:	$1,884.90
	Component Description:	Project Management
	Amount:	$66.20
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	**Component Description:**	WPCB-530-RF Eng - Construction Permit (Main),
	Amount:	$6,028.75
RF Eng - Prepare or Review Reimbursement Form	**Component Description:**	RF Consulting Services
	Amount:	$3,577.50
	Component Description:	WCPB-590-RF Eng - Prepare or Review Reimbursement Form,
	Amount:	$5,763.75
Progress Reports	**Component Description:**	RF Consulting Services
	Amount:	$2,186.25
	Component Description:	Legal fees for Progress Reporting for Repacking Project
	Amount:	$31.50

	Component Description: Legal fees associated with the repacking project **Amount:** $255.00 **Component Description:** Legal fees for Progress Reporting for Repacking Project **Amount:** $79.50 **Component Description:** Legal fees for Progress Reporting for Repacking Project **Amount:** $104.50 **Component Description:** Legal fees for Progress Reporting for repacking project **Amount:** $142.50 **Component Description:** Legal fees for Progress Reporting for Repacking Project **Amount:** $104.50 **Component Description:** Legal fees associated with the repacking project **Amount:** $85.00
Additional Field Engineering Service, 1 Days	Information not provided.

Attorney Fees - Negotiation of lease and other matters for shared locations	**Component Description:** **Amount:**	Legal Services $127.50
	Component Description: **Amount:**	Legal Fees for Salisbury location only $444.00
	Component Description: **Amount:**	Legal Services $255.00
	Component Description: **Amount:**	Legal Services $127.50
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	**Component Description:** **Amount:**	Legal Services $340.00
	Component Description: **Amount:**	Legal fees associated with the repacking project $168.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	**Component Description:** **Amount:**	WCPB-530-RF Eng - License to Cover Application (Main) $861.25
Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	RF Consulting Services $19,345.00

Prepare and or review reimbursement form	**Component Description:** **Amount:**	Legal fees for FCC repacking $89.25

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	**$51,266.28**	**$46,716.28**		**$33,366.28**	
MVPD Notification of Channel Change	***$1,200.00***	$1,200.00	Please see Estimated Cost Justification WCPB-610-MVPD Notifications v0	$1,200.00	N/A
Equipment Delivery and Handling Charges	***$18,516.28***	$18,516.28	Estimated Cost Justification WCPB-610-Equipment Delivery and Handling v0	$18,516.28	N/A
DTV Medical Facility Notification	$11,550.00	$7,000.00	N/A	$2,950.00	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	***$20,000.00***	$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.	$10,700.00	N/A
Sub-total	$51,266.28	$46,716.28	N/A	$33,366.28	N/A
Total for all systems	$1,353,798.16	$1,283,634.31	N/A	$1,195,593.18	N/A

Components

Actual Information Description	File Name	
MVPD Notification of Channel Change	**Component Description:** **Amount:**	MVPD Notification Mailing $1,200.00

Equipment Delivery and Handling Charges	**Component Description:**	Truck rental and fuel for repack
	Amount:	$196.28
	Component Description:	WCPB-610-Equipment Delivery and Handling
	Amount:	$916.00
	Component Description:	WCPB-610-Equipment Delivery and Handling
	Amount:	$4,122.00
	Component Description:	WCPB-610-Equipment Delivery and Handling
	Amount:	$4,122.00
	Component Description:	Line 2.1 and 2.2 on quote p#2958A Line 5 on invoice 11448A transportation and offloading 50% deposit
	Amount:	$4,580.00
	Component Description:	Line item 2 on invoice Line s 2.1 and 2.2 on quote. transportation and offloading 50% deposit
	Amount:	$4,580.00

DTV Medical Facility Notification	**Component Description:** **Amount:**	Medical Notification Mailing for WCPB $2,950.00
Disposal Costs (for equipment and other waste, net of any salvage value)	**Component Description:** **Amount:**	Removed and disposed of the transmitter equipment $10,700.00

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$1,353,798.16	$1,283,634.31	$1,195,593.18

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.	Yes
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	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.	
	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.	**Carl R Wolfe** *Director, Transmission and Distribution* 04/01/2021

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 IMPRISIONMENT (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).	
	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.

	8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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.	
	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* 04/01/2021

Certification

Section	Question	Response
Submission of Final Allocation or Accounting Information Statements	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.	
	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. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

	3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates. 4. 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. 5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 6. 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* 04/01/2021

Attachments