



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **65942** | Service: **DTV** | Call **WMPT** | Channel: **21 (UHF)** |  
ID: | Sign: |  
File **0000027913**  
Number: |  
FRN: **0003857380** | Date **04/07**  
Submitted: **/2021**

## 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	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
<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 main/aux transmitter feeding a transmission line connected to an antenna. An interim antenna and line will be needed as the main antenna must be removed and replaced. See attached narrative.

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	CCT-U- DCX2
	Year	1999
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	40.0 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	HPTV-PRLX-U48
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	75 kW
	Justification for New Transmitter	See previous submissions regarding upgrade from IOT to solid state. This 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
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<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>Remote Control Interface</b>	License required to interface transmitter into current remote control system
<b>CIF Mask Filter</b>	Constant Impedance mask Filter. Current mask filter is a CIF.
<b>8-Pole MASK Filter</b>	A more rigid mask filter to protect adjacent land mobile stations on Ch. 20 in Philadelphia.
<b>Motorized Switch</b>	To enable switching between main and interim antenna, (See budget revision 051418)
<b>Coolant</b>	The coolant used for the transmitter heat exchanger is not included in the transmitter price
<b>Rigid Coax Line</b>	Rigid interconnection coax lines from transmitter to filter to antenna switch.
<b>Additional Rigid Coax Line</b>	Additional rigid interconnection coax lines from transmitter to filter to antenna switch as identified by manufacturer. (See budget revision 051418)

**Antennas**

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

## Primary Antenna

### Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Elliptical
	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)	1000.0 kW



Manufacturer	
Model	TFU-30GTH /VP-R 06
Year	2018

## Primary Antenna

### New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	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) .....	1000.0 kW
	Manufacturer	
	Model	TFU-30GTH /VP-R O6

Year	2018
Justification for New Antenna	Current antenna tuned for channel 42 and cannot be retuned. Applicant is proposing to replace with similar make and model tuned to channel 21 with elliptical polarization. part a multi-station agreement provided to the FCC to accommodate moving WETA.

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel

	Feed Line Size	6 1/8 inches inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

## Primary Antenna

### Other Antenna Cost Not Listed

Name	Description
<b>Mounting Pole</b>	62.7 ft. mounting pole to bring Center of Radiation to current height.
<b>RF Feed Though Components</b>	Elbows and cut line segments to feed antenna to tower top plate
<b>Wedding Cake Adaptor</b>	Joins antenna to mounting pole

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels/Bays	32
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	516.0 kW
	Manufacturer	
	Model	TUA-O4-8 /32H-1-R SM

	Year	2018
	Justification for New Antenna	See attached narrative regarding Interim facility.

**Interim  
Antenna**

**Other Antenna Costs**

Section	Question	Response
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Transmission Line**

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

**Primary**  
**Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	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	935 feet per run



**Primary**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	7 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	935 feet per run
	Justification for New Transmission Line	Current line will be used for the interim facility, This line will be used for the repack facility on channel 21. This is part of an agreement provided to the FCC to move WMPT to Ch. 21 to accommodate moving WETA to channel 31.

Primary 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	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1225569
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	39° 00' 36.7" N-
	Longitude (NAD83)	076° 36' 31.8" W-
	Overall Structure Height	902.88 feet
	Support Structure Height	786.08 feet
	Ground Elevation Above Mean Sea Level (AMSL)	146.00 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Maryland Public Broadcasting Commission
	Date Constructed	04/01/2003

**Primary Tower**

**Tower Modification Costs**

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	No reinforcements needed

**Primary Tower**

**Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	Yes

**Primary Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	595
	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.
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes

	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	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	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

**Outside**

**Professional**

**Other Professional Services Expenses Not Listed**

**Services Costs**

**Name**

**Description**

<b>Progress Reporting</b>	Prepare and file 10 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.
<b>Attorney Fees - Other Matters</b>	Additional Legal Services
<b>RF Eng-Transition Timing and Coordination</b>	RF Eng-Transition Timing and Coordination

## 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?	Yes
	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**

Name	Description
<b>Diagnostic Sweep Test</b>	Preliminary Sweep of pre-transition transmission line to antenna at WMPT transmitter site in Annapolis, MD. Sweep test determined that line would not function on post-transition channel.

## 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 HPTV-PRLX-U48	\$2,177,831.47	\$2,317,806.47		\$2,146,466.05	
Coolant	<i>\$3,000.00</i>	\$3,000.00	The coolant used for the transmitter heat exchanger is not included in the transmitter price. Cost reflects what is need for two transmitter cabinets.	\$2,192.60	N/A
Additional Rigid Coax Line	<i>\$7,610.00</i>	\$7,610.00	Additional rigid interconnection coax lines as identified by vendor to interconnect between transmitter and antenna switch. NOTE: These will be cut to desired length for interconnection purposes inside building. (See revision 051418)	\$7,499.48	N/A

Motorized Switch	<b>\$43,250.00</b>	\$43,250.00	Motorized switch to switch between main and interim antenna. Inadvertently omitted from initial quote. (See revision 051418)	\$0.00	N/A
Site Design and Survey	<b>\$15,300.00</b>	\$15,300.00	Incorporates all aspects of the transmitter room design, including power distribution requirements, equipment placement, RF system layout, plumbing, and remote control.	\$15,300.00	N/A
CIF Mask Filter	<b>\$40,690.00</b>	\$40,690.00	Constant Impedance mask Filter. Current mask filter is a CIF.	N/A	N/A
Remote Control Interface	<b>\$2,940.00</b>	\$2,940.00	License required to interface transmitter into current remote control system.	N/A	N/A

Rigid Coax Line	<b>\$7,830.00</b>	\$7,830.00	Rigid interconnection coax lines from transmitter to filter to antenna switch. NOTE: The full length will not be used. These will be cut to desired length for interconnection purposes inside building.	\$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>\$43,211.47</b>	\$43,211.47	Electrical contractor to connect transmitter into existing electrical panel. Includes material and labor for three transmitter cabinets. Attached quote is for each cabinet. Additional \$611.47 work required	\$32,291.47	N/A
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	\$1,999,000.00	\$2,138,975.00	See attached quote P#2962B-PRLXU48-090617-R6. An increase of power is part a multi-station agreement provided to the FCC to accommodate moving WETA to channel 31.	\$2,089,182.50	N/A

8-Pole MAsk Filter	<b>\$15,000.00</b>	\$15,000.00	A more rigid mask filter to protect adjacent land mobile stations on Ch. 20 in Philadelphia.	N/A	N/A
<b>Sub-total</b>	\$2,177,831.47	\$2,317,806.47	N/A	\$2,146,466.05	N/A
<b>Total for all systems</b>	\$3,817,707.62	\$3,946,194.33	N/A	\$3,614,399.55	N/A

## Components

Actual Information	
Description	File Name
Coolant	<b>Component Description:</b> 55 Gallon Drum <b>Amount:</b> \$2,192.60
Additional Rigid Coax Line	<b>Component Description:</b> OTHER <b>Amount:</b> \$2,603.48  <b>Component Description:</b> TRANSMISSION LINE-RIGID <b>Amount:</b> \$4,896.00
Motorized Switch	Information not provided.
Site Design and Survey	<b>Component Description:</b> Site Survey <b>Amount:</b> \$2,231.59  <b>Component Description:</b> Site Survey <b>Amount:</b> \$13,068.41
CIF Mask Filter	Information not provided.
Remote Control Interface	Information not provided.

Rigid Coax Line	<b>Component Description:</b>	Invoice moved to correct category
	<b>Amount:</b>	N/A
	<b>Component Description:</b>	Invoice moved to correct category
	<b>Amount:</b>	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>Component Description:</b>	Final payment
	<b>Amount:</b>	\$17,430.00
	<b>Component Description:</b>	Electric Services for transmitters for Repacking Project - First Draw (45%)
	<b>Amount:</b>	\$14,250.00
	<b>Component Description:</b>	Electric wiring related to the FCC Repacking Project
	<b>Amount:</b>	\$611.47
UHF - Liquid Cooled Solid State Transmitter 68.5 - 75 kW	<b>Component Description:</b>	System, WMPT PRLX U48 D21
	<b>Amount:</b>	\$106,948.75
	<b>Component Description:</b>	System WMPT PRLX u48 D21 Line 1 of invoice.
	<b>Amount:</b>	\$1,019,695.00
	<b>Component Description:</b>	SYSTEM, WMPT
	<b>Amount:</b>	\$962,538.75
8-Pole MAsk Filter	Information not provided.	

## Cost Information

### Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Interim Antenna TUA-O4-8 /32H-1-R SM</b>	<b>\$274,117.05</b>	<b>\$271,272.05</b>		<b>\$268,390.05</b>	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	\$2,118.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$24,297.00	per Estimated Cost Justification WMPT-280-Interim Antenna - Side Mount Brackets for High Power Antenna v1	\$24,297.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A

UHF “ Broadband Panel, Side Mount Auxiliary /Interim, 516 horizontally polarized	<b>\$24,667.05</b>	\$24,667.05	please see Estimated Cost Justification WMPT-280- Interim Antenna - UHF Broadband Panel, Side Mount, H- POL V0	\$24,667.05	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$10,298.00	N/A	\$10,298.00	N/A
UHF – Broadband Panel, Side Mount Auxiliary /Interim, 516 horizontally polarized	<b>\$200,610.00</b>	\$200,610.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***See attached narrative regarding Interim facility.	\$200,610.00	N/A
<b>Primary Antenna TFU-30GTH /VP-R 06</b>	<b>\$469,981.00</b>	<b>\$394,119.00</b>		<b>\$394,119.00</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A



UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$213,885.00	N/A	\$213,885.00	N/A
Wedding Cake Adaptor	<b>\$18,330.00</b>	\$18,330.00	Joins antenna to mounting pole	\$18,330.00	N/A
RF Feed Though Components	<b>\$20,906.00</b>	\$20,906.00	Elbows and cut line segments to feed antenna to tower top plate	\$20,906.00	N/A
Mounting Pole	<b>\$122,215.00</b>	\$122,215.00	Mounting pole to bring Center of Radiation to current height.	\$122,215.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$12,383.00	See attached revised quote.	\$12,383.00	N/A
<b>Sub-total</b>	\$744,098.05	\$665,391.05	N/A	\$662,509.05	N/A
<b>Total for all systems</b>	\$3,817,707.62	\$3,946,194.33	N/A	\$3,614,399.55	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	<b>Component Description:</b>		Pattern Scatter Analysis
	<b>Amount:</b>		\$211.80
	<b>Component Description:</b>		line 6 on invoice
			MAN00410 for dielectric
	<b>Amount:</b>		\$953.10
	<b>Component Description:</b>		trans test 6-75
	<b>Amount:</b>		\$953.10

Side mount brackets for high power antennas (if not included in antenna base cost)

<b>Component Description:</b>	WMPT-280-Interim Antenna - Side Mount Brackets for High Power Antenna
<b>Amount:</b>	\$2,175.00

<b>Component Description:</b>	t/l 6-75 e/a length 15'to 20' fixed FLG 1 end/swivel flg 1 end
<b>Amount:</b>	\$773.55

<b>Component Description:</b>	Line item 2
<b>Amount:</b>	\$9,787.50

<b>Component Description:</b>	Side Mount Brackets
<b>Amount:</b>	\$1,400.85

<b>Component Description:</b>	6-75 pressure cap, includes gague, allows atenna to be capped and pressurized after installed on tower.
<b>Amount:</b>	\$372.60

<b>Component Description:</b>	side mount brackets 45% with order 45% prior to shipping 10% Net 30
<b>Amount:</b>	\$9,787.50

Sweep test of existing antenna

**Component Description:**

INCLUDES ONE  
FIELD ENGINEER  
ON-SITE FOR  
ONE DAY,  
TRAVEL,  
EXPENSES AND  
REPORT

**Amount:**

\$640.00

**Component Description:**

line 21 on invoice.  
Other charges are  
added to other 399  
lines.

**Amount:**

\$2,880.00

**Component Description:**

line 7 on invoice  
MAN00410

**Amount:**

\$2,880.00

UHF 86" Broadband Panel, Side Mount Auxiliary /Interim, 516 horizontally polarized	<b>Component Description:</b>  <b>Amount:</b>	UHF - BROADBAND PANEL, SIDE MOUNT AUX /INTERIM \$3,807.70
	<b>Component Description:</b>  <b>Amount:</b>	Invoice moved to correct budget categories. N/A
	<b>Component Description:</b>  <b>Amount:</b>	Freight and Shipping \$2,377.05
	<b>Component Description:</b>  <b>Amount:</b>	Invoice moved to correct budget category. N/A
	<b>Component Description:</b>  <b>Amount:</b>	Auxiliary / Interim Antenna \$18,482.30

Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	<div> <b>Component Description:</b> WMPT-280-Interim Antenna - Elbow Complex, Broadband, 6 1/8" </div> <div> <b>Amount:</b> \$923.45 </div>
	<div> <b>Component Description:</b> Elbow Complex </div> <div> <b>Amount:</b> \$106.35 </div>
	<div> <b>Component Description:</b> Line 3 on invoice MAN00410 dielectric </div> <div> <b>Amount:</b> \$4,634.10 </div>
	<div> <b>Component Description:</b> complex broadband antenna input 45% with order 45% prior to shipping 10% net 30 </div> <div> <b>Amount:</b> \$4,634.10 </div>
UHF – Broadband Panel, Side Mount Auxiliary /Interim, 516 horizontally polarized	<div> <b>Component Description:</b> UHF Broadband panel 45% with order 45% prior to shipping 10% net 30 </div> <div> <b>Amount:</b> \$100,305.00 </div>
	<div> <b>Component Description:</b> Line 1 of Dielctric invoice MAN00410. </div> <div> <b>Amount:</b> \$100,305.00 </div>

Sweep test of existing antenna		
	<b>Component Description:</b>	OTHER
	<b>Amount:</b>	\$640.00
	<b>Component Description:</b>	repack sweep includes 1 on site engineer for one day ,travel expenses and report
	<b>Amount:</b>	\$2,880.00
	<b>Component Description:</b>	repack sweep on site field engineer 45% with order 45% prior to shipping 10% net 30
	<b>Amount:</b>	\$2,880.00

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized

<b>Component Description:</b>	Antenna - UHF High Power Top Mount
<b>Amount:</b>	\$96,248.25

<b>Component Description:</b>	Antenna - UHF High Power Top Mount
<b>Amount:</b>	\$21,388.50

<b>Component Description:</b>	45% due upon order
<b>Amount:</b>	\$96,248.25

<b>Component Description:</b>	This is the 45% deposit upon order, 45%will be due upon shipment, 10% remaining due upon completion.
<b>Amount:</b>	\$96,248.25



Wedding Cake Adaptor		
	<b>Component Description:</b>	WMPT-210- Primary Antenna - Wedding Cake Adapter for Top Mount Antenna
	<b>Amount:</b>	\$10,081.50
	<b>Component Description:</b>	45% due upon order
	<b>Amount:</b>	\$8,248.50
	<b>Component Description:</b>	This is the 45% deposit with order, 45% due upon shipment, 10% balance due when completed
	<b>Amount:</b>	\$8,248.50

RF Feed Though  
Components

**Component Description:** WMPT-210-  
Primary Antenna -  
RF Feed Through  
**Amount:** \$10,222.15

**Component Description:** WMPT-210-  
Primary Antenna -  
RF Feed Through  
**Amount:** \$1,276.15

**Component Description:** 45% due upon  
order  
**Amount:** \$9,407.70

**Component Description:** This is the 45%  
deposit upon  
order, 45%will be  
due upon  
shipment, 10%  
remaining due  
upon completion.  
**Amount:** \$9,407.70

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Mounting Pole

**Component Description:** WMPT-210-  
Primary Antenna -  
Mounting Pole  
**Amount:** \$12,221.50

**Component Description:** This is the 45%  
deposit upon  
order, 45%will be  
due upon  
shipment, 10%  
remaining due  
upon completion.  
**Amount:** \$54,996.75

**Component Description:** WMPT-210-  
Primary Antenna -  
Mounting Pole  
**Amount:** \$54,996.75

**Component Description:** 45% due upon  
order  
**Amount:** \$54,996.75

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Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)		
	<b>Component Description:</b>	This is the 45% deposit upon order, 45% will be due upon shipment, 10% remaining due upon completion.
	<b>Amount:</b>	\$5,572.35
	<b>Component Description:</b>	45% due upon order
	<b>Amount:</b>	\$5,572.35
	<b>Component Description:</b>	WMPT-210- Primary Antenna - Elbow Complex, 6 1/8"
	<b>Amount:</b>	\$6,810.65

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	\$271,150.00	\$216,712.12		\$213,639.61	
Rigid Transmission Line - copper, 7 3/16"	\$271,150.00	\$216,712.12	Please see Estimated Cost Justification WMPT-310-Primary Transmission Line - 7 3/16 Rigid Copper v3	\$213,639.61	N/A
Sub-total	\$271,150.00	\$216,712.12	N/A	\$213,639.61	N/A
Total for all systems	\$3,817,707.62	\$3,946,194.33	N/A	\$3,614,399.55	N/A

Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 7 3/16"	<div><div>Component Description:</div><div>Line copper 7 3/16 45% upon ordering 45% prior to shipment Balance Net 30</div><div>Amount:</div><div>\$77,780.59</div></div> <div><div>Component Description:</div><div>WMPT-310-Primary Transmission Line - 7 3/16" Rigid Copper:</div><div>Amount:</div><div>\$5,760.00</div></div>

<b>Component Description:</b>	45% prior to shipping. This covers line items 1,5, and 6. the additional amount will be on a seperate line item on the 399
<b>Amount:</b>	\$80,669.59

<b>Component Description:</b>	Freight and Shipping
<b>Amount:</b>	\$699.66

<b>Component Description:</b>	Elbow 7-75 Digit 9 X 18
<b>Amount:</b>	\$8,845.21

<b>Component Description:</b>	Freight and shipping
<b>Amount:</b>	\$541.79

<b>Component Description:</b>	Rigid Transmission Line- Copper
<b>Amount:</b>	\$3,573.00

<b>Component Description:</b>	Rigid Transmission Line-Copper
<b>Amount:</b>	\$5,118.30

<b>Component Description:</b>	RIGID TRANSMISSION LINE - COPPER
<b>Amount:</b>	\$2,448.00

<b>Component Description:</b>	Rigid Transmission line copper 45% upon ordering 45% prior to shipment 10% net 30
<b>Amount:</b>	\$877.50

<b>Component Description:</b>	Other Hanger Horizontal
<b>Amount:</b>	\$992.00

<b>Component Description:</b>	Invoice moved to correct budget categories.
<b>Amount:</b>	N/A

<b>Component Description:</b>	Rigid Transmission Line
<b>Amount:</b>	\$4,020.00

<b>Component Description:</b>	Rigid Transmission Line
<b>Amount:</b>	\$2,235.00

<b>Component Description:</b>	Freight
<b>Amount:</b>	\$5,859.86

<b>Component Description:</b>	Additional rigid transmission line needed
<b>Amount:</b>	\$2,235.00

<b>Component Description:</b>	Freight and Shipping
<b>Amount:</b>	\$649.21

<b>Component Description:</b>	rigid transmission line copper tlscr's 45% upon ordering 45% prior to shipping 10% net 30
<b>Amount:</b>	\$2,011.50

<b>Component Description:</b>	Rigid Transmission Line
<b>Amount:</b>	\$9,323.40

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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 TOWER	\$271,870.00	\$428,525.00		\$380,359.00	
Tall Tower (greater than 500')	\$210,500.00	\$372,755.00	See attached quote.	\$326,589.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$7,000.00	N/A	\$5,000.00	N/A
Tower Helicopter Lift	<i>\$48,770.00</i>	\$48,770.00	Please see attached FDH Infrastructure Services Proposal #P17_370008_001A	\$48,770.00	N/A
Sub-total	\$271,870.00	\$428,525.00	N/A	\$380,359.00	N/A
Total for all systems	\$3,817,707.62	\$3,946,194.33	N/A	\$3,614,399.55	N/A

Components

Actual Information	
Description	File Name

Tall Tower (greater than 500')	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Final due upon completion  \$66,007.50 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Rigging  \$97,287.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> 50% due upon order  \$97,287.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> 50% invoiced upon order  \$66,007.50 </div> </div>
Structural engineering tower load study for well documented tower	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Structural engineering  \$2,500.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Structural analysis Annapolis.  \$2,500.00 </div> </div>
Tower Helicopter Lift	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Field Services  \$48,770.00 </div> </div>

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$251,890.00</b>	<b>\$221,441.59</b>		<b>\$137,330.24</b>	
Project management of the transition	\$94,010.00	\$99,675.00	Please see Widely Strategic Support Quote	\$71,903.65	N/A
Attorney Fees - Other Matters	<i>\$850.00</i>	\$850.00	Estimated Cost Justification WMPT-550-Attorney - Other Matters v0	\$467.50	N/A
RF Eng-Transition Timing and Coordination	<i>\$1,855.00</i>	\$1,855.00	Please see WMPT RF Eng-Transition Timing & Coordination Budget Revision Justification Letter. The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$1,855.00	N/A

Progress Reporting	<b>\$35,000.00</b>	\$35,000.00	Prepare and file 10 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.	\$5,418.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,505.00	see Estimated Cost Justification WMPT-550-Attorney - License to Cover Application (Main) v0	\$2,505.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$472.50	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$10,423.75	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$10,423.75	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$927.50	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,981.25	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$19,257.84	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$19,257.84	N/A
Prepare and or review reimbursement form	\$2,630.00	\$9,535.00	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$9,535.00	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$1,987.50	Please see WMPT RF Eng - Construction Permit Application (Aux) Budget Revision Justification Letter	\$1,987.50	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$397.50	Please see WMPT RF Eng - License to Cover Application (Aux) Budget Revision Justification Letter	\$397.50	N/A

Comprehensive coverage verification via field study, if needed	\$84,200.00	\$20,000.00	Needed to confirm new main antenna pattern performance and coverage. Inadvertently omitted from initial submission. (See revision 051418)	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$5,455.00	see Estimated Cost Justification WMPT-550-Attorney - Special Temporary Authorization v1	\$5,455.00	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.	\$3,743.25	N/A
<b>Sub-total</b>	\$251,890.00	\$221,441.59	N/A	\$137,330.24	N/A
<b>Total for all systems</b>	\$3,817,707.62	\$3,946,194.33	N/A	\$3,614,399.55	N/A

## Components

**Actual Information****Description****File Name**

Project management of the  
transition

**Component Description:**

Project  
management

**Amount:**

\$4,218.80

**Component Description:**

Project  
Management

**Amount:**

\$5,418.80

**Component Description:**

Project  
Management

**Amount:**

\$3,115.85

**Component Description:**

Project  
Management

**Amount:**

\$3,193.15

**Component Description:**

Project  
Management

**Amount:**

\$3,809.60

**Component Description:**

Project  
Management

**Amount:**

\$2,890.90

**Component Description:**

Project  
Management

**Amount:**

\$2,096.60

**Component Description:**

Project  
Management

**Amount:**

\$1,870.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,959.25

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,452.60

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$6,275.50

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

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,252.65

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,020.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,965.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,359.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,259.90



	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$66.20
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$6,711.60
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$271.65
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$8,549.00
Attorney Fees - Other Matters	<b>Component Description:</b>	Review FCC Public Notice regarding deadlines for submitting final
	<b>Amount:</b>	\$85.00
	<b>Component Description:</b>	Legal Services
	<b>Amount:</b>	\$382.50
RF Eng-Transition Timing and Coordination	<b>Component Description:</b>	WMPT-590-RF Eng-Transition Timing and Coordination
	<b>Amount:</b>	\$1,855.00
Progress Reporting	<b>Component Description:</b>	RF Consulting Services
	<b>Amount:</b>	\$2,186.25

<b>Component Description:</b>	Attorney fees for repacking project
<b>Amount:</b>	\$126.00

<b>Component Description:</b>	Legal Services associated with the repacking project
<b>Amount:</b>	\$761.50

<b>Component Description:</b>	Email exchange with C. Wolfe re 387 post-transition channel report.
<b>Amount:</b>	\$170.00

<b>Component Description:</b>	Legal fees for Progress Reporting for Repacking Project
<b>Amount:</b>	\$104.50

<b>Component Description:</b>	Legal fees for Progress Reporting for WMPT
<b>Amount:</b>	\$85.00

<b>Component Description:</b>	attorney feed for FCC repacking
<b>Amount:</b>	\$261.25

<b>Component Description:</b>	Legal fees for Repacking Project - Progress Reporting portion
<b>Amount:</b>	\$174.00

	<b>Component Description:</b>  <b>Amount:</b>	Legal fees for Progress Reporting for Repacking Project \$104.50
	<b>Component Description:</b>  <b>Amount:</b>	Attorney Fees - Repacking Project \$1,402.50
	<b>Component Description:</b>  <b>Amount:</b>	Legal fees - FCC repacking \$42.50
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	<b>Component Description:</b>  <b>Amount:</b>	Television Repacking Services \$255.00
	<b>Component Description:</b>  <b>Amount:</b>	Attorney fees for FCC repacking \$2,250.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b>  <b>Amount:</b>	Only submitting request for amount associated with construction permit \$283.50
	<b>Component Description:</b>  <b>Amount:</b>	Legal fees for Repacking Project for Construction Permit \$189.00

<p>Prepare request for Special Temporary Authorization</p>	<table> <tr> <td data-bbox="703 174 1011 208"><b>Component Description:</b></td><td data-bbox="1145 174 1378 327">WMPT-580-RF Eng - Special Temporary Authorization</td></tr> <tr> <td data-bbox="703 338 815 371"><b>Amount:</b></td><td data-bbox="1145 338 1262 371">\$9,871.25</td></tr> <tr> <td data-bbox="703 477 1011 510"><b>Component Description:</b></td><td data-bbox="1145 477 1369 589">Legal Services associated with the repacking project</td></tr> <tr> <td data-bbox="703 600 815 633"><b>Amount:</b></td><td data-bbox="1145 600 1241 633">\$552.50</td></tr> </table>	<b>Component Description:</b>	WMPT-580-RF Eng - Special Temporary Authorization	<b>Amount:</b>	\$9,871.25	<b>Component Description:</b>	Legal Services associated with the repacking project	<b>Amount:</b>	\$552.50
<b>Component Description:</b>	WMPT-580-RF Eng - Special Temporary Authorization								
<b>Amount:</b>	\$9,871.25								
<b>Component Description:</b>	Legal Services associated with the repacking project								
<b>Amount:</b>	\$552.50								
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<table> <tr> <td data-bbox="703 768 1011 801"><b>Component Description:</b></td><td data-bbox="1145 768 1378 880">WMPT-530-RF Eng - License to Cover Application (Main)</td></tr> <tr> <td data-bbox="703 891 815 925"><b>Amount:</b></td><td data-bbox="1145 891 1241 925">\$927.50</td></tr> </table>	<b>Component Description:</b>	WMPT-530-RF Eng - License to Cover Application (Main)	<b>Amount:</b>	\$927.50				
<b>Component Description:</b>	WMPT-530-RF Eng - License to Cover Application (Main)								
<b>Amount:</b>	\$927.50								
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="703 1059 1011 1093"><b>Component Description:</b></td><td data-bbox="1145 1059 1378 1211">WMPT-530-RF Eng - Construction Permit Application (Main)</td></tr> <tr> <td data-bbox="703 1223 815 1256"><b>Amount:</b></td><td data-bbox="1145 1223 1262 1256">\$2,981.25</td></tr> </table>	<b>Component Description:</b>	WMPT-530-RF Eng - Construction Permit Application (Main)	<b>Amount:</b>	\$2,981.25				
<b>Component Description:</b>	WMPT-530-RF Eng - Construction Permit Application (Main)								
<b>Amount:</b>	\$2,981.25								
<p>Perform engineering study for new channel assignment and antenna development</p>	<table> <tr> <td data-bbox="703 1395 1011 1429"><b>Component Description:</b></td><td data-bbox="1145 1395 1315 1462">RF Consulting Services</td></tr> <tr> <td data-bbox="703 1473 815 1507"><b>Amount:</b></td><td data-bbox="1145 1473 1278 1507">\$17,026.25</td></tr> <tr> <td data-bbox="703 1612 1011 1646"><b>Component Description:</b></td><td data-bbox="1145 1612 1283 1646">Site Survey</td></tr> <tr> <td data-bbox="703 1657 815 1691"><b>Amount:</b></td><td data-bbox="1145 1657 1262 1691">\$2,231.59</td></tr> </table>	<b>Component Description:</b>	RF Consulting Services	<b>Amount:</b>	\$17,026.25	<b>Component Description:</b>	Site Survey	<b>Amount:</b>	\$2,231.59
<b>Component Description:</b>	RF Consulting Services								
<b>Amount:</b>	\$17,026.25								
<b>Component Description:</b>	Site Survey								
<b>Amount:</b>	\$2,231.59								

<p>Prepare and or review reimbursement form</p>	<table> <tr> <td data-bbox="703 174 1011 208"><b>Component Description:</b></td><td data-bbox="1145 174 1334 360">WMPT-590- Prepare and/or Review Reimbursement Form</td></tr> <tr> <td data-bbox="703 376 813 409"><b>Amount:</b></td><td data-bbox="1145 376 1225 409">\$85.00</td></tr> <tr> <td data-bbox="703 517 1011 551"><b>Component Description:</b></td><td data-bbox="1145 517 1318 551">Legal Services</td></tr> <tr> <td data-bbox="703 555 813 589"><b>Amount:</b></td><td data-bbox="1145 555 1225 589">\$42.50</td></tr> <tr> <td data-bbox="703 696 1011 730"><b>Component Description:</b></td><td data-bbox="1145 696 1334 882">WMPT-590- Prepare and/or Review Reimbursement Form</td></tr> <tr> <td data-bbox="703 893 813 927"><b>Amount:</b></td><td data-bbox="1145 893 1262 927">\$3,378.75</td></tr> <tr> <td data-bbox="703 1034 1011 1068"><b>Component Description:</b></td><td data-bbox="1145 1034 1310 1102">RF Consulting Services</td></tr> <tr> <td data-bbox="703 1108 813 1142"><b>Amount:</b></td><td data-bbox="1145 1108 1262 1142">\$6,028.75</td></tr> </table>	<b>Component Description:</b>	WMPT-590- Prepare and/or Review Reimbursement Form	<b>Amount:</b>	\$85.00	<b>Component Description:</b>	Legal Services	<b>Amount:</b>	\$42.50	<b>Component Description:</b>	WMPT-590- Prepare and/or Review Reimbursement Form	<b>Amount:</b>	\$3,378.75	<b>Component Description:</b>	RF Consulting Services	<b>Amount:</b>	\$6,028.75
<b>Component Description:</b>	WMPT-590- Prepare and/or Review Reimbursement Form																
<b>Amount:</b>	\$85.00																
<b>Component Description:</b>	Legal Services																
<b>Amount:</b>	\$42.50																
<b>Component Description:</b>	WMPT-590- Prepare and/or Review Reimbursement Form																
<b>Amount:</b>	\$3,378.75																
<b>Component Description:</b>	RF Consulting Services																
<b>Amount:</b>	\$6,028.75																
<p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application</p>	<table> <tr> <td data-bbox="703 1281 1011 1314"><b>Component Description:</b></td><td data-bbox="1145 1281 1374 1435">WMPT-530-RF Eng - Construction Permit Application (Aux)</td></tr> <tr> <td data-bbox="703 1442 813 1476"><b>Amount:</b></td><td data-bbox="1145 1442 1262 1476">\$1,987.50</td></tr> </table>	<b>Component Description:</b>	WMPT-530-RF Eng - Construction Permit Application (Aux)	<b>Amount:</b>	\$1,987.50												
<b>Component Description:</b>	WMPT-530-RF Eng - Construction Permit Application (Aux)																
<b>Amount:</b>	\$1,987.50																
<p>RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application</p>	<table> <tr> <td data-bbox="703 1612 1011 1646"><b>Component Description:</b></td><td data-bbox="1145 1612 1374 1727">WMPT-530-RF Eng - License to Cover Application (Aux)</td></tr> <tr> <td data-bbox="703 1733 813 1767"><b>Amount:</b></td><td data-bbox="1145 1733 1241 1767">\$397.50</td></tr> </table>	<b>Component Description:</b>	WMPT-530-RF Eng - License to Cover Application (Aux)	<b>Amount:</b>	\$397.50												
<b>Component Description:</b>	WMPT-530-RF Eng - License to Cover Application (Aux)																
<b>Amount:</b>	\$397.50																
<p>Comprehensive coverage verification via field study, if needed</p>	<p>Information not provided.</p>																

Attorney Fees - Prepare and File request for Special Temporary Authorization	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$680.00
	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$552.50
	<b>Component Description:</b> <b>Amount:</b>	Legal Services \$340.00
	<b>Component Description:</b>  <b>Amount:</b>	WMPT-550- Attorney - Special Temporary Authorization \$382.50
	<b>Component Description:</b>  <b>Amount:</b>	attorney fee for FCC repacking \$3,500.00
Attorney Fees - Negotiation of lease and other matters for shared locations	<b>Component Description:</b>  <b>Amount:</b>	Check status of filing of transition progress reports \$170.00
	<b>Component Description:</b>  <b>Amount:</b>	Legal fees associated with the Repacking Project \$212.50
	<b>Component Description:</b>   <b>Amount:</b>	Page 5 of invoice. Legal fees for repacking filing. This charge is for only the Annapolis WMPT location. \$348.00

<b>Component Description:</b>	Professional Services
<b>Amount:</b>	\$504.00

<b>Component Description:</b>	Legal Fees associated with the Repacking Project
<b>Amount:</b>	\$325.50

<b>Component Description:</b>	Legal Services associated with the repacking project.
<b>Amount:</b>	\$640.50

<b>Component Description:</b>	Only submitting for items related to the FCC repacking for the WMPT Annapolis location.
<b>Amount:</b>	\$1,742.25

<b>Component Description:</b>	Professional Services
<b>Amount:</b>	\$126.00

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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>\$100,868.10</b>	<b>\$96,318.10</b>		<b>\$74,095.60</b>	
Diagnostic Sweep Test	<i>\$3,733.10</i>	\$3,733.10	Please see attached WMPT Justification for Diagnostic Sweep Test - Ed Murlatt quote RWMPT180207	\$3,733.10	N/A
DTV Medical Facility Notification	\$11,550.00	\$7,000.00	N/A	\$3,750.00	N/A
Equipment Delivery and Handling Charges	<i>\$33,400.00</i>	\$33,400.00	See attached transmitter quote. Estimating \$10,000 for two antennas and mounting pole. Proof and installation was reimbursed through this line item resulting in an overage to the estimate. Increased to cover invoiced delivery & handling charges	\$33,360.00	Line items did not include the proof and installation.



Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$41,145.00</b>	\$41,145.00	See transmitter quote for equipment removal from building.	\$31,272.50	N/A
Equipment Storage	<b>\$9,840.00</b>	\$9,840.00	Station may receive antenna and transmission line prior to tower crew availability. No on-site storage is available. Obtained estimate from manufacturer for 60 days of storage.	\$780.00	N/A
MVPD Notification of Channel Change	<b>\$1,200.00</b>	\$1,200.00	Please see Estimated Cost Justification WMPT-610-MVPD Notifications v0	\$1,200.00	N/A
<b>Sub-total</b>	\$100,868.10	\$96,318.10	N/A	\$74,095.60	N/A
<b>Total for all systems</b>	\$3,817,707.62	\$3,946,194.33	N/A	\$3,614,399.55	N/A

## Components

Actual Information	
Description	File Name
Diagnostic Sweep Test	<p><b>Component Description:</b> Sweep transmission line to antenna at WMPT</p> <p><b>Amount:</b> \$3,733.10</p>

DTV Medical Facility Notification	<div> <b>Component Description:</b> Medical Notification Mailing         </div> <div> <b>Amount:</b> \$3,750.00         </div>
Equipment Delivery and Handling Charges	<div> <b>Component Description:</b> Freight Charges for Auxiliary / Interim Antenna         </div> <div> <b>Amount:</b> \$3,240.00         </div>
	<div> <b>Component Description:</b> 50% for shipping, Offloading, and placement. 45% due upon installation, 5% due upon proof Invoice line 2.         </div> <div> <b>Amount:</b> \$8,787.50         </div>
	<div> <b>Component Description:</b> Shipping for rigid transmission line         </div> <div> <b>Amount:</b> \$900.00         </div>
	<div> <b>Component Description:</b> 50% deposit on Installation, 45% due upon installation, 5% due upon proof. Line 3 of invoice         </div> <div> <b>Amount:</b> \$13,882.50         </div>
	<div> <b>Component Description:</b> 50% deposit on check out and proof parallax. 45% due upon installation, 5% due upon proof. Line 4 on invoice.         </div> <div> <b>Amount:</b> \$6,550.00         </div>

<p>Disposal Costs (for equipment and other waste, net of any salvage value)</p>	<table> <tr> <td data-bbox="713 100 1023 526"><b>Component Description:</b></td><td data-bbox="1023 100 1428 526">50% deposit for removal and disposal of existing transmitter. 45% due with installation/5% due upon proof Line 5 on invoice</td></tr> <tr> <td data-bbox="713 526 1023 638"><b>Amount:</b></td><td data-bbox="1023 526 1428 638">\$20,572.50</td></tr> <tr> <td data-bbox="713 638 1023 1043"><b>Component Description:</b></td><td data-bbox="1023 638 1428 1043">A and B Enterprise has removed and disposed of the transmitter equipment that is no longer in use</td></tr> <tr> <td data-bbox="713 1043 1023 1155"><b>Amount:</b></td><td data-bbox="1023 1043 1428 1155">\$10,700.00</td></tr> </table>	<b>Component Description:</b>	50% deposit for removal and disposal of existing transmitter. 45% due with installation/5% due upon proof Line 5 on invoice	<b>Amount:</b>	\$20,572.50	<b>Component Description:</b>	A and B Enterprise has removed and disposed of the transmitter equipment that is no longer in use	<b>Amount:</b>	\$10,700.00
<b>Component Description:</b>	50% deposit for removal and disposal of existing transmitter. 45% due with installation/5% due upon proof Line 5 on invoice								
<b>Amount:</b>	\$20,572.50								
<b>Component Description:</b>	A and B Enterprise has removed and disposed of the transmitter equipment that is no longer in use								
<b>Amount:</b>	\$10,700.00								
<p>Equipment Storage</p>	<table> <tr> <td data-bbox="713 1043 1023 1200"><b>Component Description:</b></td><td data-bbox="1023 1043 1428 1200">WMPT-610-Equipment Storage</td></tr> <tr> <td data-bbox="713 1200 1023 1294"><b>Amount:</b></td><td data-bbox="1023 1200 1428 1294">\$780.00</td></tr> </table>	<b>Component Description:</b>	WMPT-610-Equipment Storage	<b>Amount:</b>	\$780.00				
<b>Component Description:</b>	WMPT-610-Equipment Storage								
<b>Amount:</b>	\$780.00								
<p>MVPD Notification of Channel Change</p>	<table> <tr> <td data-bbox="713 1294 1023 1451"><b>Component Description:</b></td><td data-bbox="1023 1294 1428 1451">MVPD Notification Mailing</td></tr> <tr> <td data-bbox="713 1451 1023 1547"><b>Amount:</b></td><td data-bbox="1023 1451 1428 1547">\$1,200.00</td></tr> </table>	<b>Component Description:</b>	MVPD Notification Mailing	<b>Amount:</b>	\$1,200.00				
<b>Component Description:</b>	MVPD Notification Mailing								
<b>Amount:</b>	\$1,200.00								

<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>	\$3,817,707.62	\$3,946,194.33
			\$3,614,399.55

<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.	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	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Carl R Wolfe</b>  <i>Director,  Transmission  and  Distribution</i></p> <p>04/07/2021</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	



4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Carl R Wolfe</b>  <i>Director,  Transmission  and  Distribution</i></p> <p>04/07/2021</p>

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information 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 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.</li> <li>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.</li> </ol>	

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*

04/07/2021

**Attachments**