



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **72335** | Service: **DTV** | Call **WDPB** | Channel: **24 (UHF)** |  
ID: | Sign:  
File **0000026272**  
Number:  
FRN: **0004061909** | Date **04/14**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>WHYY, INC.</b> Doing Business As: WHYY, INC.	Kyra McGrath 150 N 6TH ST PHILADELPHIA, PA 19106 United States	+1 (215) 351-1200	kmcgrath@whyy. org	Not-for- Profit

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Robert Gehman</b> <i>ConsultingEngineer</i> <i>Kessler and Gehman</i> <i>Associates, Inc.</i>	Robert Gehman 507 NW 60 Street Suite D Gainesville, FL 32607 United States	+1 (352) 332-3157	bob@kesslerandgehman. 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		Replace transmitter and antenna using existing line. Acquire interim antenna and line for continued operation during construction and duration of the assigned phase. Map and analyze tower; design and implement modifications if required.

**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	NV7250E
	Year	2005
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	4 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?	No
	Manufacturer	
	Model	ULXTE-4
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	2.88 kW
	Justification for New Transmitter	The manufacturer of the existing transmitter advises that the transmitter cannot be re-tuned to the assigned channel. See attachment.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes

	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
<b>Additional Interior RF System</b>	Interior RF System Existing Transmitter to Interim Transmission line

**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	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
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	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) .....	98.0 kW
	Manufacturer	

Model	PSILPT16BSLC-44
Year	2005

## 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?	No
	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	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	65.2 kW
	Manufacturer	
	Model	PSILPT16BLSC-24
	Year	2019

	Justification for New Antenna	The existing primary antenna is a single channel slotted coaxial which cannot accommodate the assigned channel.
--	-------------------------------	---

## 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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<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
	Information not provided.

**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	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) .....	98.0 kW
	Manufacturer	
	Model	PSILP8BSLC- 24
	Year	2019

	Justification for New Antenna	An interim antenna is necessary to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition.
--	-------------------------------	--

## Interim Antenna

### Other Antenna Costs

Section	Question	Response
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<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
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	ERI
	Type	Flexible Air
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	670 feet per run

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sweep Tests	Sweep line to verify performance on assigned channel

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	1 5/8 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	570 feet per run

Justification for New Transmission Line	An interim transmission line is necessary for the interim antenna to keep station on the air during primary antenna replacement and for the duration of the assigned phase. Station will attempt to rent if renting is available at time of acquisition.
---	--

**Interim Transmission Line**      **Other Transmission Line Expenses Not Listed**  
Information not provided.

**Tower Equipment And Rigging Costs**

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

**Primary Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1032913
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	38° 39' 15.0" N-
	Longitude (NAD83)	075° 36' 41.0" W-
	Overall Structure Height	655.50 feet
	Support Structure Height	629.91 feet
	Ground Elevation Above Mean Sea Level (AMSL)	29.86 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	WHYY INC
	Date Constructed	01/01/1984

**FM, AM or TV radio  
broadcasters. Facility ID's,  
Call Signs and Services of  
other broadcast stations with  
whom the tower is shared**

Facility ID	Call Sign	Service
58660	WSCL	FM

#### Other Types of Users

Users
WSCL STL

#### Primary Tower

#### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

#### Primary Tower

#### Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A

<b>Helicopter Services Required</b>	Are helicopter services required?	No
---	-----------------------------------	----

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	177
	Explanation	It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel trained in project management for such complex projects.
<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	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes

	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<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	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	Yes

	Number of Days	20
	Justification	It will be necessary to survey the site, plan the equipment, develop specifications for purchasing, and oversee multiple vendor RF projects. Station does not have available personnel or personnel trained in such services.

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Other Engineering Services	Engineering Services not included in predetermined categories
Other Legal Services	Other Legal Services

## 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?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
<b>Other Transaction Fees</b>	Amended 12-19-17 Other Transaction Fees. Refer to attachment Repack Financing Costs WHY Y & WDPB 12.7.17. pdf
<b>WDPB Legal Fee</b>	WHYY, Inc. has insufficient cash/liquidity to pay eligible expenses out of pocket. We will need to borrow from the bank to cover the expenditures pending FCC reimbursement. This is for legal fees associated with the loan application and administration.
<b>Appraisal for tower work on neighboring land</b>	Appraisal for tower work on neighboring land
<b>Bank Fees</b>	WHYY, Inc. has insufficient cash/liquidity to pay for eligible project expenditures out of pocket. We will need to borrow from the bank to cover the expenditures pending reimbursement from the FCC. This represents the total bank fee.
<b>Interest</b>	WHYY, Inc. has insufficient cash/liquidity to pay for eligible project expenditures out of pocket. We will need to borrow from the bank to cover the expenditures pending reimbursement from the FCC. This represents the interest expense for the loan.

## 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
<b>Primary Transmitter ULXTE-4</b>	<b>\$323,226.36</b>	<b>\$319,776.36</b>		<b>\$83,069.16</b>	
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 2.88 kW	<b>\$114,276.36</b>	\$114,276.36	See file name WDPB JW30004592- 2 38092.12 030419 INV 030419 464956212 GatesAir - Transmitter 38092.12 cover 031219- 0425PM.pdf for quotes.	\$75,922.42	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$7,146.74	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	N/A	N/A
Additional Interior RF System	<b>\$140,000.00</b>	\$140,000.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$323,226.36</b>	<b>\$319,776.36</b>	N/A	<b>\$83,069.16</b>	N/A
<b>Total for all systems</b>	<b>\$1,697,583.11</b>	<b>\$1,413,041.68</b>	N/A	<b>\$675,989.45</b>	N/A

## Components

Actual Information	
Description	File Name
Transformer 3 phase/480v - 150 KVA	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 2.88 kW	<div> <b>Component Description:</b> Gates JW30004592-1 v191206jgv1 <b>Amount:</b> \$37,830.30 </div> <div> <b>Component Description:</b> One-third payment for new primary transmitter <b>Amount:</b> \$38,092.12 </div>
Switchgear - industrial 800 amp	<div> <b>Component Description:</b> Res Elec 000023 v200225jgv2 <b>Amount:</b> \$7,146.74 </div>
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Additional Interior RF System	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 PSILP8BSLC-24</b>	<b>\$124,540.00</b>	<b>\$44,950.00</b>		<b>\$3,850.00</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	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	\$89,400.00	\$11,550.00	See WDPB Quote 56025 013019 QUO 013019 232876660 Propagation Systems, Inc. - Int and Pri Antennas 0 cover 031219-0511PM	\$3,850.00	N/A

<b>Primary Antenna PSILPT16BLSC-24</b>	<b>\$253,730.00</b>	<b>\$50,875.00</b>		<b>\$14,825.00</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$44,475.00	See WDPB Quote 56025 013019 QUO 013019 232876660 Propagation Systems, Inc. - Int and Pri Antennas 0 cover 031219-0511PM	\$14,825.00	N/A
<b>Sub-total</b>	<b>\$378,270.00</b>	<b>\$95,825.00</b>	<b>N/A</b>	<b>\$18,675.00</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$1,697,583.11</b>	<b>\$1,413,041.68</b>	<b>N/A</b>	<b>\$675,989.45</b>	<b>N/A</b>

## Components

Actual Information	
Description	File Name
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.
Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.
Sweep test of existing antenna	Information not provided.

UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	<div> <b>Component Description:</b> PSI 2003DP Int ant 1 3rd down pmt v191122jgv1</div> <div> <b>Amount:</b> \$3,850.00 </div>
Sweep test of existing antenna	Information not provided.
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<div> <b>Component Description:</b> PSI 2003DP Prim ant 1 3rd down pmt v191122jgv1</div> <div> <b>Amount:</b> \$14,825.00 </div>

Cost  
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$18,810.00	\$17,670.00		\$0.00	
Flexible Air Transmission Line - dielectric, 1 5 /8"	\$18,810.00	\$17,670.00	N/A	N/A	N/A
Primary Transmission Line	\$6,400.00	\$6,400.00		\$6,000.00	
Sweep Tests	\$6,400.00	\$6,400.00	N/A	\$6,000.00	N/A
Sub-total	\$25,210.00	\$24,070.00	N/A	\$6,000.00	N/A
Total for all systems	\$1,697,583.11	\$1,413,041.68	N/A	\$675,989.45	N/A

Components

Actual Information Description	File Name
Flexible Air Transmission Line - dielectric, 1 5/8"	Information not provided.
Sweep Tests	<div>Component Description: Murlatt WDPB190429R v191206jgv1</div> <div>Amount: \$6,000.00</div>

Cost  
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$657,800.00	\$655,571.07		\$522,157.04	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$33,165.00	See attached /uploaded PDF file titled "Morris Ritchie 11167942 v191206jgv1. pdf"	\$33,165.00	N/A

Major tower reinforcement /modifications	\$421,000.00	\$488,992.04	See attached /uploaded PDF files "Train 17659 v191004jgv1.pdf", "WDPB 17250 263414.03 031819 INV 032819 223309976 Train's Towers, Inc. - Tower Services 263414.03 cover 031219-0425PM.pdf" and "Train 17716 v200401jgv1.pdf"	\$488,992.04	N/A
Tall Tower (greater than 500')	\$210,500.00	\$133,414.03	See quote named "WDPB Quote 526828.06 031119 QUO 031119 TBD Train's Towers, Inc. - Tower Services 0 cover 031219-0425PM"	N/A	N/A
<b>Sub-total</b>	\$657,800.00	\$655,571.07	N/A	\$522,157.04	N/A
<b>Total for all systems</b>	\$1,697,583.11	\$1,413,041.68	N/A	\$675,989.45	N/A

## Components

Actual Information	
Description	File Name
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<b>Component Description:</b> Structural analysis for WDTP tower <b>Amount:</b> \$17,500.00
	<b>Component Description:</b> Morris Ritchie 11167942 v191206jgv1 <b>Amount:</b> \$5,600.00
	<b>Component Description:</b> Morris Ritchie 11161979 v191206jgv1 <b>Amount:</b> \$2,400.00
	<b>Component Description:</b> Foundation Mod Design Dwgs <b>Amount:</b> \$500.00
	<b>Component Description:</b> Revised Tower Analysis and Tower Modification Design WDPB <b>Amount:</b> \$7,000.00
	<b>Component Description:</b> Review of Geotechnical Report for Tower Foundations WDPB <b>Amount:</b> \$165.00

Major tower reinforcement /modifications	<div data-bbox="715 174 1331 291"> <p><b>Component Description:</b> Train 17659 v191004jgv1</p> <p><b>Amount:</b> \$210,000.00</p> </div> <div data-bbox="715 394 1331 510"> <p><b>Component Description:</b> Train 17716 v200401jgv1</p> <p><b>Amount:</b> \$15,578.01</p> </div> <div data-bbox="715 613 1331 806"> <p><b>Component Description:</b> Payment for Repack Tower Modification services</p> <p><b>Amount:</b> \$263,414.03</p> </div>
Tall Tower (greater than 500')	Information not provided.

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$193,260.00</b>	<b>\$198,532.50</b>		<b>\$39,021.50</b>	
Other Engineering Services	<i>\$20,000.00</i>	\$20,000.00	New category created 1-15-19	\$9,641.25	N/A
Additional Field Engineering Service, 20 Days	<i>\$20,000.00</i>	\$20,000.00	moved half \$20,000 into new category Other Engineering Services 1-15-19	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	\$783.75	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	\$660.00	N/A

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,200.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,320.00	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$660.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$58.50	N/A
Prepare and or review reimbursement form	\$2,630.00	\$15,558.50	The cost estimate includes the initial 399 amendment, anticipated subsequent 399 amendments, and Actual Cost invoice prep and submission by KGA.	\$15,558.50	Unanticipated services of legal team for review and consultation related to reimbursement budget WDF
Project management of the transition	\$27,966.00	\$26,550.00	N/A	\$2,965.50	N/A
Other Legal Services	<b>\$6,174.00</b>	\$6,174.00	Other Legal Services related to the DTV Repack	\$6,174.00	N/A
<b>Sub-total</b>	\$193,260.00	\$198,532.50	N/A	\$39,021.50	N/A
<b>Total for all systems</b>	\$1,697,583.11	\$1,413,041.68	N/A	\$675,989.45	N/A

## Components

Actual Information Description	File Name
-----------------------------------	-----------

Other Engineering Services	<div data-bbox="708 174 1334 327"> <p><b>Component Description:</b> Larry Will 2018-02052 v191206jgv1</p> <p><b>Amount:</b> \$2,085.00</p> </div> <div data-bbox="708 434 1297 544"> <p><b>Component Description:</b> KGA 964-19 v191122jgv1</p> <p><b>Amount:</b> \$198.75</p> </div> <div data-bbox="708 651 1358 761"> <p><b>Component Description:</b> KGA 952-34 OES v191122jgv1</p> <p><b>Amount:</b> \$887.50</p> </div> <div data-bbox="708 869 1299 978"> <p><b>Component Description:</b> KGA 952-18 v191204jgv2</p> <p><b>Amount:</b> \$132.50</p> </div> <div data-bbox="708 1086 1297 1196"> <p><b>Component Description:</b> KGA 952-44 v200401jgv1</p> <p><b>Amount:</b> \$125.00</p> </div> <div data-bbox="708 1303 1334 1456"> <p><b>Component Description:</b> Larry Will 2019-02058 v191206jgv1</p> <p><b>Amount:</b> \$495.00</p> </div> <div data-bbox="708 1563 1362 1673"> <p><b>Component Description:</b> L Will 2019-02063 v200129jgv2</p> <p><b>Amount:</b> \$3,217.50</p> </div> <div data-bbox="708 1780 1297 1890"> <p><b>Component Description:</b> KGA 952-22 v191004jgv1</p> <p><b>Amount:</b> \$2,500.00</p> </div>
Additional Field Engineering Service, 20 Days	Information not provided.

Comprehensive coverage verification via field study, if needed	Information not provided.
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	<p><b>Component Description:</b> Prepare and file FAA Form 7460-1 WDPB</p> <p><b>Amount:</b> \$660.00</p> <p><b>Component Description:</b> Larry Will 2020-02092 v200401jgv1</p> <p><b>Amount:</b> \$123.75</p>
ASR modification (prepare FCC Form 854)	<p><b>Component Description:</b> Change FCC form 854 to modify antenna structure registration for WDPB</p> <p><b>Amount:</b> \$660.00</p>
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.

<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="707 174 1015 208"><b>Component Description:</b></td><td data-bbox="1147 174 1378 405">Attorney preparation and filing of construction permit application for main facility WDPB</td></tr> <tr> <td data-bbox="707 416 815 450"><b>Amount:</b></td><td data-bbox="1147 416 1246 450">\$868.50</td></tr> <tr> <td data-bbox="707 555 1015 589"><b>Component Description:</b></td><td data-bbox="1147 555 1378 745">Atty review and preparation of construction permit application for main facility WDPB</td></tr> <tr> <td data-bbox="707 757 815 790"><b>Amount:</b></td><td data-bbox="1147 757 1246 790">\$331.50</td></tr> </table>	<b>Component Description:</b>	Attorney preparation and filing of construction permit application for main facility WDPB	<b>Amount:</b>	\$868.50	<b>Component Description:</b>	Atty review and preparation of construction permit application for main facility WDPB	<b>Amount:</b>	\$331.50
<b>Component Description:</b>	Attorney preparation and filing of construction permit application for main facility WDPB								
<b>Amount:</b>	\$868.50								
<b>Component Description:</b>	Atty review and preparation of construction permit application for main facility WDPB								
<b>Amount:</b>	\$331.50								
<p>Prepare request for Special Temporary Authorization</p>	<p>Information not provided.</p>								
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>								
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="707 1234 1015 1267"><b>Component Description:</b></td><td data-bbox="1147 1234 1378 1424">Engineering preparation of construction permit application main facility WDPB</td></tr> <tr> <td data-bbox="707 1435 815 1469"><b>Amount:</b></td><td data-bbox="1147 1435 1267 1469">\$1,320.00</td></tr> </table>	<b>Component Description:</b>	Engineering preparation of construction permit application main facility WDPB	<b>Amount:</b>	\$1,320.00				
<b>Component Description:</b>	Engineering preparation of construction permit application main facility WDPB								
<b>Amount:</b>	\$1,320.00								
<p>Perform engineering study for new channel assignment and antenna development</p>	<table> <tr> <td data-bbox="707 1608 1015 1641"><b>Component Description:</b></td><td data-bbox="1147 1608 1342 1715">Antenna development for WDPB</td></tr> <tr> <td data-bbox="707 1727 815 1760"><b>Amount:</b></td><td data-bbox="1147 1727 1246 1760">\$660.00</td></tr> </table>	<b>Component Description:</b>	Antenna development for WDPB	<b>Amount:</b>	\$660.00				
<b>Component Description:</b>	Antenna development for WDPB								
<b>Amount:</b>	\$660.00								
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<table> <tr> <td data-bbox="707 1899 1015 1933"><b>Component Description:</b></td><td data-bbox="1147 1899 1378 2007">Atty address timing issues of transition WDPB</td></tr> <tr> <td data-bbox="707 2018 815 2051"><b>Amount:</b></td><td data-bbox="1147 2018 1230 2051">\$58.50</td></tr> </table>	<b>Component Description:</b>	Atty address timing issues of transition WDPB	<b>Amount:</b>	\$58.50				
<b>Component Description:</b>	Atty address timing issues of transition WDPB								
<b>Amount:</b>	\$58.50								

Prepare and or review  
reimbursement form

<b>Component Description:</b>	KGA 952-29 v191004jgv1
<b>Amount:</b>	\$400.00
<b>Component Description:</b>	KGA 952-17 v191004jgv1
<b>Amount:</b>	\$132.50
<b>Component Description:</b>	KGA 952-31 v191004jgv1
<b>Amount:</b>	\$500.00
<b>Component Description:</b>	KGA 952-46 v200401jgv1
<b>Amount:</b>	\$700.00
<b>Component Description:</b>	KGA 952-34 PRRF v191122jgv1
<b>Amount:</b>	\$312.50
<b>Component Description:</b>	KGA 952-24 v191122jgv1
<b>Amount:</b>	\$650.00
<b>Component Description:</b>	KGA 952-30 v191122jgv1
<b>Amount:</b>	\$850.00
<b>Component Description:</b>	KGA 952-53 v200401jgv1
<b>Amount:</b>	\$1,050.00
<b>Component Description:</b>	KGA 952-32 v191122jgv1
<b>Amount:</b>	\$1,675.00

<b>Component Description:</b>	KGA 952-61 v200414jgv1
<b>Amount:</b>	\$325.00
<b>Component Description:</b>	Atty review of Form 399 reimbursement form WDPB
<b>Amount:</b>	\$136.50
<b>Component Description:</b>	Review of FCC Form 399 reimbursement budget WDPB
<b>Amount:</b>	\$250.50
<b>Component Description:</b>	Prepare reimbursement form WDPB
<b>Amount:</b>	\$2,500.00
<b>Component Description:</b>	KGA 952-10 v191122jgv1
<b>Amount:</b>	\$2,250.00
<b>Component Description:</b>	KGA 952-59 v200401jgv1
<b>Amount:</b>	\$2,450.00
<b>Component Description:</b>	Review of FCC form 399 reimbursement budget WDPB
<b>Amount:</b>	\$423.00
<b>Component Description:</b>	KGA 952-51 v200401jgv1
<b>Amount:</b>	\$625.00

	<b>Component Description:</b> <b>Amount:</b>	KGA 952-23 v191004jgv1 \$75.00
	<b>Component Description:</b> <b>Amount:</b>	Legal review of Form 399 reimbursement budget WDPB \$253.50
Project management of the transition	<b>Component Description:</b> <b>Amount:</b>	KGA 952-20 v191122jgv1 \$150.00
	<b>Component Description:</b> <b>Amount:</b>	KGA 952-33 v191004jgv1 \$300.00
	<b>Component Description:</b> <b>Amount:</b>	KGA 952-15 v191122jgv1 \$150.00
	<b>Component Description:</b> <b>Amount:</b>	KGA 952-12 v191122jgv1 \$150.00
	<b>Component Description:</b> <b>Amount:</b>	KGA 952-50 v200401jgv1 \$150.00
	<b>Component Description:</b> <b>Amount:</b>	KGA 952-28 v191122jgv1 \$150.00

<b>Component Description:</b>	KGA 952-39 v200414jgv1
<b>Amount:</b>	\$150.00

<b>Component Description:</b>	Prepare Form 387 progress report WDPB
<b>Amount:</b>	\$225.00

<b>Component Description:</b>	Amending the 399 budget and submitting actual cost invoices WDPB
<b>Amount:</b>	\$570.00

<b>Component Description:</b>	Review of FCC form 387 progress report WDPB
<b>Amount:</b>	\$39.00

<b>Component Description:</b>	Review of FCC for 387 progress report WDPB
<b>Amount:</b>	\$367.50

<b>Component Description:</b>	Prepare Form 387 progress report WDPB
<b>Amount:</b>	\$300.00

<b>Component Description:</b>	Quarterly progress report Q1 2018 WDPB
<b>Amount:</b>	\$225.00

**Component Description:**

Atty review of Form  
387 progress  
report WDPB  
\$39.00

**Amount:**

---

Other Legal Services

**Component Description:** GSB 715312  
v191206jgv1  
**Amount:** \$1,080.00

**Component Description:** GSB 692786  
v191223jgv2  
**Amount:** \$139.50

**Component Description:** GSB 706238  
v191206jgv1  
**Amount:** \$418.50

**Component Description:** Foster Garvey  
2734962  
v200414jgv1  
**Amount:** \$108.00

**Component Description:** Foster Garvey  
2731717  
v200414jgv1  
**Amount:** \$1,674.00

**Component Description:** Foster Garvey  
2728137  
v200414jgv1  
**Amount:** \$216.00

**Component Description:** GSB 725525  
v200414jgv1  
**Amount:** \$324.00

**Component Description:** GSB 723064  
v200414jgv1  
**Amount:** \$2,214.00

---

**Cost  
Information**

**Other Expenses**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$119,816.75</b>	<b>\$119,266.75</b>		<b>\$7,066.75</b>	
Appraisal for tower work on neighboring land	<i>\$2,500.00</i>	\$2,500.00	See attached / uploaded PDF file titled "Parkowski 4893-0003 v191209jgv1.pdf"	\$2,500.00	N/A
WDPB Legal Fee	<i>\$3,500.00</i>	\$3,500.00	Amended 12-19-17 WDPB Legal Fee. Refer to attachment Repack Financing Costs WHYY & WDPB 12.7.17.pdf	\$0.00	N/A
Other Transaction Fees	<i>\$6,006.75</i>	\$6,006.75	Amended 1-15-18 Other Transaction Fees to reflect actual LOC fee of \$6,000.00 in addition to earlier charge of \$6.75.	\$6.75	N/A

MVPD Notification of Channel Change	<b>\$2,000.00</b>	\$2,000.00	N/A	\$1,610.00	N/A
Develop and air announcement of upcoming channel change	<b>\$0.00</b>	\$0.00	N/A	N/A	N/A
Equipment Storage	<b>\$10,000.00</b>	\$10,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<b>\$25,000.00</b>	\$25,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$25,000.00</b>	\$25,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,950.00	N/A
Interest	<b>\$22,260.00</b>	\$22,260.00	Amended 12-19-17 Refer to attachment Repack Financing Costs WHYY & WDPB 12.7.17.pdf	N/A	N/A

Bank Fees	\$12,000.00	\$12,000.00	Amended 12-19-17 Bank Fees, Transaction Fee \$6,000 & Legal Fee \$6,000. Refer to attachment Repack Financing Costs WHYY & WDPB 12.7.17.pdf	N/A	N/A
<b>Sub-total</b>	\$119,816.75	\$119,266.75	N/A	\$7,066.75	N/A
<b>Total for all systems</b>	\$1,697,583.11	\$1,413,041.68	N/A	\$675,989.45	N/A

## Components

Actual Information	
Description	File Name
Appraisal for tower work on neighboring land	<p><b>Component Description:</b> Parkowski 4893-0003 v191209jgv1</p> <p><b>Amount:</b> \$2,500.00</p>
WDPB Legal Fee	<p><b>Component Description:</b> 50 percent share of Legal Fees for line of credit</p> <p><b>Amount:</b> \$1,410.99</p> <p><b>Component Description:</b> 50 percent share legal fees for line of credit</p> <p><b>Amount:</b> \$1,410.99</p>

Other Transaction Fees	<b>Component Description:</b>		Bank Debit for Loan Commitment Fee for Line of Credit
	<b>Amount:</b>		\$6,000.00
	<b>Component Description:</b>		Courier service to establish line of credit WDPB
	<b>Amount:</b>		\$6.75
MVPD Notification of Channel Change	<b>Component Description:</b>		KGA 952-26 v191122jgv1
	<b>Amount:</b>		\$1,610.00
Develop and air announcement of upcoming channel change	Information not provided.		
Equipment Storage	Information not provided.		
Equipment Delivery and Handling Charges	Information not provided.		
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.		
DTV Medical Facility Notification	<b>Component Description:</b>		KGA 952-25 v191122jgv1
	<b>Amount:</b>		\$2,950.00
Interest	Information not provided.		
Bank Fees	Information not provided.		

**Cost  
Information****Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,697,583.11	\$1,413,041.68	\$675,989.45

**Reimbursement Status**

Question	Response
The facility has ceased operating on its pre-auction channel.	Yes
Construction of final facilities or all necessary modifications are complete.	No
All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <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>Jeffrey C Gehman</b>  <i>Engineering Associate</i></p> <p>04/14/2020</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>Jeffrey C Gehman</b>  <i>Engineering Associate</i></p> <p>04/14/2020</p>

## Attachments