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

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **72335** | Service: **DTV** | Call Sign: **WDPB** | Channel: **24 (UHF)**

File Number: **0000026272**

FRN: **0004061909** | Date Submitted: **11/19/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WHYY, INC. 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
Robert Gehman *ConsultingEngineer* *Kessler and Gehman Associates, Inc.*	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
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	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
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Additional Interior RF System	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
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	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
Combiner for Shared Antenna	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	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 Type	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	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

Helicopter Services Required	Are helicopter services required?	No

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	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.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes

	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	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
RF Field Engineering Services	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
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	No
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	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
Paraflector and line install	Paraflector and line install
Appraisal for tower work on neighboring land	Appraisal for tower work on neighboring land
Bank Fees	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.
Interest	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.
Other Transaction Fees	Amended 12-19-17 Other Transaction Fees. Refer to attachment Repack Financing Costs WHYY & WDPB 12.7.17. pdf
WDPB Legal Fee	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.

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-4	**$330,708.59**	**$327,258.59**		**$128,905.33**	
3" Rigid Conduit and Wiring (Cost per foot)	$5,200.00	$4,900.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	$25,550.00	$24,300.00	N/A	$0.00	N/A
Switchgear - industrial 800 amp	$38,200.00	$36,300.00	N/A	$7,146.74	N/A

UHF - Liquid Cooled Solid State Transmitter 2.88 kW	***$121,758.59***	$121,758.59	See attached / uploaded PDF files titled "WDPB JW30004592-2 38092.12 030419 INV 030419 464956212 GatesAir - Transmitter 38092.12 cover 031219-0425PM. pdf", "Gates JW30004592-1 v191206jgv1. pdf" and "Gates US0326963 v200504jgv1. pdf"	$121,758.59	This text entered only because the Form 399 is giving a red X & stating "The Sub-total is greater than Estimated Cost. Please provide an explanation for the difference in costs." which is inaccurate: Both the Sub-total and Estimate Cost are $121,758.59
Additional Interior RF System	***$140,000.00***	$140,000.00	N/A	N/A	N/A
Sub-total	$330,708.59	$327,258.59	N/A	$128,905.33	N/A
Total for all systems	$1,707,290.34	$1,427,706.41	N/A	$778,346.37	N/A

Components

Actual Information Description	File Name
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 150 KVA	Information not provided.

Switchgear - industrial 800 amp	**Component Description:** **Amount:**	Res Elec 000023 v200225jgv2 $7,146.74
UHF - Liquid Cooled Solid State Transmitter 2.88 kW	**Component Description:** **Amount:** **Component Description:** **Amount:** **Component Description:** **Amount:**	Gates US0326963 v200612jgv2 $45,836.17 Gates JW30004592-1 v191206jgv1 $37,830.30 One-third payment for new primary transmitter $38,092.12
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
Interim Antenna PSILP8BSLC-24	**$124,540.00**	**$44,950.00**		**$11,550.00**	
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	$11,550.00	N/A

Primary Antenna PSILPT16BLSC-24	**$253,730.00**	**$50,975.00**		**$50,975.00**	
Sweep test of existing antenna	$6,730.00	$6,500.00	N/A	$6,500.00	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	$44,475.00	N/A
Sub-total	$378,270.00	$95,925.00	N/A	$62,525.00	N/A
Total for all systems	$1,707,290.34	$1,427,706.41	N/A	$778,346.37	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)	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	**Component Description:** **Amount:** **Component Description:** **Amount:**	PSI 2003DP Int ant 1 3rd down pmt v191122jgv1 $3,850.00 PSI 2003 v200501jgv1 $7,700.00
Sweep test of existing antenna	**Component Description:** **Amount:**	RF Analytical 1490 v200504jgv1 $6,500.00
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	**Component Description:** **Amount:** **Component Description:** **Amount:**	PSI 2003DP Prim ant 1 3rd down pmt v191122jgv1 $14,825.00 PSI 2004 v200501jgv1 $29,650.00

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	$1,707,290.34	$1,427,706.41	N/A	$778,346.37	N/A

Components

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

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**	
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
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
Sub-total	$657,800.00	$655,571.07	N/A	$522,157.04	N/A
Total for all systems	$1,707,290.34	$1,427,706.41	N/A	$778,346.37	N/A

Components

Actual Information Description	File Name

Major tower reinforcement /modifications	**Component Description:** **Amount:**	Train 17716 v200401jgv1 $15,578.01
	Component Description: **Amount:**	Train 17659 v191004jgv1 $210,000.00
	Component Description: **Amount:**	Payment for Repack Tower Modification services $263,414.03
Tall Tower (greater than 500')	Information not provided.	

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

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	**$193,260.00**	**$203,390.00**		**$46,901.50**	
Other Legal Services	***$6,174.00***	$6,174.00	Other Legal Services related to the DTV Repack	$6,174.00	N/A
Other Engineering Services	***$20,000.00***	$20,000.00	New category created 1-15-19	$12,416.25	N/A
Additional Field Engineering Service, 20 Days	***$20,000.00***	$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	$1,031.25	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
Project management of the transition	$27,966.00	$26,550.00	N/A	$2,965.50	N/A
Prepare and or review reimbursement form	$2,630.00	$20,416.00	The Estimated Cost includes Form 399 submissions including ongoing Actual Cost invoice prep and submission, and amendments as needed.	$20,416.00	Unanticipate services of legal team fo review and consultation related to reimburseme budget WDP
Sub-total	$193,260.00	$203,390.00	N/A	$46,901.50	N/A
Total for all systems	$1,707,290.34	$1,427,706.41	N/A	$778,346.37	N/A

Components

Actual Information Description	File Name

Other Legal Services	**Component Description:** **Amount:**	Foster Garvey 2728137 v200414jgv1 $216.00
	Component Description: **Amount:**	Foster Garvey 2734962 v200414jgv1 $108.00
	Component Description: **Amount:**	GSB 692786 v191223jgv2 $139.50
	Component Description: **Amount:**	GSB 706238 v191206jgv1 $418.50
	Component Description: **Amount:**	GSB 725525 v200414jgv1 $324.00
	Component Description: **Amount:**	GSB 723064 v200414jgv1 $2,214.00
	Component Description: **Amount:**	Foster Garvey 2731717 v200414jgv1 $1,674.00
	Component Description: **Amount:**	GSB 715312 v191206jgv1 $1,080.00
Other Engineering Services		

Component Description:	Larry Will 2018-02052 v191206jgv1
Amount:	$2,085.00
Component Description:	KGA 964-19 v191122jgv1
Amount:	$198.75
Component Description:	KGA 952-34 OES v191122jgv1
Amount:	$887.50
Component Description:	Larry Will 2019-02058 v191206jgv1
Amount:	$495.00
Component Description:	Larry Will 2019-02071 v200504jgv1
Amount:	$165.00
Component Description:	KGA 952-18 v191204jgv2
Amount:	$132.50
Component Description:	L Will 2019-02063 v200817jgv3
Amount:	$3,382.50
Component Description:	KGA 952-44 v200401jgv1
Amount:	$125.00

	Component Description: KGA 952-22 v191004jgv1 **Amount:** $2,500.00 **Component Description:** Larry Will 2019-02082 v200504jgv1 **Amount:** $825.00 **Component Description:** Larry Will 2019-02074 v200504jgv1 **Amount:** $495.00 **Component Description:** KGA 952-41 v200505jgv1 **Amount:** $850.00 **Component Description:** KGA 952-42 v200505jgv1 **Amount:** $275.00
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	**Component Description:** **Amount:** **Component Description:** **Amount:** **Component Description:** **Amount:**	Larry Will 2019-02074 v200504jgv1 $247.50 Prepare and file FAA Form 7460-1 WDPB $660.00 Larry Will 2020-02092 v200401jgv1 $123.75
ASR modification (prepare FCC Form 854)	**Component Description:** **Amount:**	Change FCC form 854 to modify antenna structure registration for WDPB $660.00
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.	

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	**Component Description:** **Amount:** **Component Description:** **Amount:**	Atty review and preparation of construction permit application for main facility WDPB $331.50 Attorney preparation and filing of construction permit application for main facility WDPB $868.50
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	**Component Description:** **Amount:**	Engineering preparation of construction permit application main facility WDPB $1,320.00
Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	Antenna development for WDPB $660.00
Address transition timing and coordination issues w/ other stations and wireless	**Component Description:** **Amount:**	Atty address timing issues of transition WDPB $58.50

Project management of the transition	
Component Description:	KGA 952-33 v191004jgv1
Amount:	$300.00
Component Description:	KGA 952-15 v191122jgv1
Amount:	$150.00
Component Description:	KGA 952-12 v191122jgv1
Amount:	$150.00
Component Description:	KGA 952-50 v200401jgv1
Amount:	$150.00
Component Description:	KGA 952-28 v191122jgv1
Amount:	$150.00
Component Description:	KGA 952-39 v200414jgv1
Amount:	$150.00
Component Description:	Atty review of Form 387 progress report WDPB
Amount:	$39.00
Component Description:	Quarterly progress report Q1 2018 WDPB
Amount:	$225.00

	Component Description:	Review of FCC for 387 progress report WDPB
	Amount:	$367.50
	Component Description:	Prepare Form 387 progress report WDPB
	Amount:	$225.00
	Component Description:	Review of FCC form 387 progress report WDPB
	Amount:	$39.00
	Component Description:	KGA 952-20 v191122jgv1
	Amount:	$150.00
	Component Description:	Prepare Form 387 progress report WDPB
	Amount:	$300.00
	Component Description:	Amending the 399 budget and submitting actual cost invoices WDPB
	Amount:	$570.00
Prepare and or review reimbursement form	**Component Description:**	KGA 952-70 v200819jgv1
	Amount:	$175.00

Component Description:	Prepare reimbursement form WDPB
Amount:	$2,500.00
Component Description:	KGA 952-77 v200819jgv1
Amount:	$1,675.00
Component Description:	KGA 952-68 v200819jgv1
Amount:	$225.00
Component Description:	KGA 952-31 v191004jgv1
Amount:	$500.00
Component Description:	KGA 952-46 v200401jgv1
Amount:	$700.00
Component Description:	KGA 952-61 v200414jgv1
Amount:	$325.00
Component Description:	KGA 952-24 v191122jgv1
Amount:	$650.00
Component Description:	KGA 952-30 v191122jgv1
Amount:	$850.00
Component Description:	KGA 952-10 v191122jgv1
Amount:	$2,250.00

Component Description:	KGA 952-34 PRRF v191122jgv1
Amount:	$312.50
Component Description:	KGA 952-59 v200401jgv1
Amount:	$2,450.00
Component Description:	Review of FCC Form 399 reimbursement budget WDPB
Amount:	$250.50
Component Description:	Review of FCC form 399 reimbursement budget WDPB
Amount:	$423.00
Component Description:	KGA 952-29 v191004jgv1
Amount:	$400.00
Component Description:	KGA 952-84 v200819jgv1
Amount:	$250.00
Component Description:	KGA 952-16 v200819jgv1
Amount:	$132.50
Component Description:	KGA 952-32 v191122jgv1
Amount:	$1,675.00

Component Description:	Legal review of Form 399 reimbursement budget WDPB
Amount:	$253.50
Component Description:	KGA 952-51 v200401jgv1
Amount:	$625.00
Component Description:	KGA 952-74 v200819jgv1
Amount:	$2,400.00
Component Description:	KGA 952-23 v191004jgv1
Amount:	$75.00
Component Description:	KGA 952-17 v191004jgv1
Amount:	$132.50
Component Description:	KGA 952-53 v200401jgv1
Amount:	$1,050.00
Component Description:	Atty review of Form 399 reimbursement form WDPB
Amount:	$136.50

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	**$122,041.75**	**$121,491.75**		**$11,857.50**	
WDPB Legal Fee	***$3,500.00***	$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	***$6,006.75***	$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
Interest	***$22,260.00***	$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
Appraisal for tower work on neighboring land	***$2,500.00***	$2,500.00	See attached / uploaded PDF file titled "Parkowski 4893-0003 v191209jgv1.pdf"	$2,500.00	N/A
Paraflector and line install	***$2,225.00***	$2,225.00	See attached / uploaded PDF file titled "Stellar 1011 v201119jgv1.pdf"	$2,225.00	N/A
MVPD Notification of Channel Change	***$2,000.00***	$2,000.00	N/A	$1,610.00	N/A
Develop and air announcement of upcoming channel change	***$0.00***	$0.00	N/A	N/A	N/A
Equipment Storage	***$10,000.00***	$10,000.00	N/A	N/A	N/A

Equipment Delivery and Handling Charges	***$25,000.00***	$25,000.00	N/A	$2,565.75	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	***$25,000.00***	$25,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	$2,950.00	N/A
Sub-total	$122,041.75	$121,491.75	N/A	$11,857.50	N/A
Total for all systems	$1,707,290.34	$1,427,706.41	N/A	$778,346.37	N/A

Components

Actual Information Description	File Name	
WDPB Legal Fee	**Component Description:**	50 percent share legal fees for line of credit
	Amount:	$1,410.99
	Component Description:	50 percent share of Legal Fees for line of credit
	Amount:	$1,410.99

Other Transaction Fees	**Component Description:** **Amount:**	Bank Debit for Loan Commitment Fee for Line of Credit $6,000.00
	Component Description: **Amount:**	Courier service to establish line of credit WDPB $6.75
Interest	Information not provided.	
Bank Fees	Information not provided.	
Appraisal for tower work on neighboring land	**Component Description:** **Amount:**	Parkowski 4893-0003 v191209jgv1 $2,500.00
Paraflector and line install	**Component Description:** **Amount:**	Stellar 1011 v201119jgv1 $2,225.00
MVPD Notification of Channel Change	**Component Description:** **Amount:**	KGA 952-26 v191122jgv1 $1,610.00
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Information not provided.	
Equipment Delivery and Handling Charges	**Component Description:** **Amount:**	PSI 2004 v200501jgv1 $2,565.75

Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
DTV Medical Facility Notification	**Component Description:** KGA 952-25 v191122jgv1 **Amount:** $2,950.00

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$1,707,290.34	$1,427,706.41	$778,346.37

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	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
	1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

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

	8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Jeffrey C Gehman** *Engineering Associate* 11/19/2020

Certification

Section	Question	Response
Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
	1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

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

	8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Jeffrey C Gehman** *Engineering Associate* 11/19/2020

Attachments