

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:	000002	6272	2.3		
FRN: 00(04061909	Date Submitted:	11/20 /2020		

Applicant Name, Type, and Contact Information

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 Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Preparer Contact Name and Information

Contact 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	Question	Response
Information and Transition Plan	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	Existing Transmitter Information					
ransmitter	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				
	Manufacturer and Type	Model	NV7250E			
		Year	2005			
		Туре	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power Capacity	4 kW			

Existing Transmitter Information

Primary	New Transmitter Costs					
Transmitter	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 retuned to the assigned channel. See attachment.			

Primary	Other Transmitter Costs		
Primary Transmitter	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
	Туре	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	Other Transmitter Cost Not Listed			
Transmitter	Name	Description		
	Additional Interior RF System	Interior RF System Existing Transmitter to Interim Transmission line		

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Existing Antenna Information

Primary

Antenna	Section	Question	Response
	Existing Antenna	Type of change	Purchase New
	Description	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
		Туре	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	New Antenna Costs			
Antenna	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	
		Туре	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	

Primary Antenna	Other Antenna Costs			
	Section	Question	Response	
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?		
		Туре		
		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	

Other Antenna Costs

Primary Other Antenna Cost Not Listed

Antenna Information not provided.

	ection ew Antenna Description	Question Use	Response
Νε	ew 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
Ma		Mounting	Side Mount
		Antenna position in stack	Not in Stack
		Polarization	Horizontal
		Туре	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 rentin
	is available
	at time of
	acquisition.

Interim	Other Antenna Costs			
Antenna	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 Other Antenna Cost Not Listed

Antenna Information not provided.

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Existing Transmission Line Primary Existing Transmission

missio	n 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
Existing Transmission Line Manufacturer and Type		Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
	-	Manufacturer	ERI
		Туре	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 Other Transmission Line Expenses Not Listed

Transmission	n Line	Description
	Sweep Tests	Sweep line to verify performance on assigned channel

New Transmission Line

Interim Transmission

Question	Response
Use	Interim
Description of Use	N/A
Change Type	Purchase New
Туре	Flexible Air
Diameter	1 5/8 inches
Segment Length	N/A
Other Segment Length	
Number of parallel runs	1
Length	570 feet per run
	UseDescription of UseChange TypeTypeDiameterSegment LengthOther Segment LengthNumber of parallel runs

Justification for New Transmission Line

Other Transmission Line Expenses Not Listed Transmission

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

marv	Existing	Tower
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Primary	Existing Tower			
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

Tower Rigging Costs Primary Tower Section Question Response **Tower Rigging Costs Complex Tower** N/A

Other Tower Expenses Not Listed Primary Tower

Information not provided.

Outside Professional	Section	Question	Response
	I Services Costs 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
Services	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 trained in such services.

Outside Other Professional Services Expenses Not Listed

Professional	Services Costs	Description	
	Other Engineering Services	Engineering Services not included in predetermined categories	
	Other Legal Services	Other Legal Services	

Other	Section	Question	Response
Expenses	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 Not Listed

Other

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.
	Paraflector and line install Appraisal for tower work on neighboring land Bank Fees Interest Other Transaction Fees

Transmitters

Cost Information

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	
Additional Interior RF System	\$140,000.00	\$140,000.00	N/A	N/A	N/A
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

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
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$7,146.74	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	\$1,399,186.31	N/A	\$829,826.27	N/A

Components

Actual Information Description	File Name
Additional Interior RF System	Information not provided.
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.

Transformer 3 phase/480v - 150 KVA	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 2.88 kW		
	Component Description:	Gates US0326963
		v200612jgv2
	Amount:	\$45,836.17
	Component Description:	Gates
		JW30004592-1
		v191206jgv1
	Amount:	\$37,830.30
	Component Description:	One-third payment
		for new primary
		transmitter
	Amount:	\$38,092.12
Switchgear - industrial 800		
amp	Component Description:	Res Elec 000023
		v200225jgv2
	Amount:	\$7,146.74

Antennas

Cost Information

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	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
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
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	\$1,399,186.31	N/A	\$829,826.27	N/A

Components

Actual Information Description	File Name
Sweep test of existing antenna	Information not provided.
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.

UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Component Description:	PSI 2003DP Int ant 1 3rd down pmt v191122jgv1
	Amount:	\$3,850.00
	Component Description:	PSI 2003 v200501jgv1 \$7,700.00
	Amount.	ψ1,700.00
Sweep test of existing antenna	Component Description:	RF Analytical
		1490 v200504jgv
	Amount:	\$6,500.00
UHF - High Power Top		
Mount (200-1000 kW), One	Component Description:	PSI 2003DP Prim
station antenna, horizontally polarized		ant 1 3rd down
polarized		pmt v191122jgv1
	Amount:	\$14,825.00
	Component Description:	PSI 2004
		v200501jgv1
	Amount:	\$29,650.00

Transmission Line

Cost Information

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	\$1,399,186.31	N/A	\$829,826.27	N/A

Components

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

Tower Equipment and Rigging Costs

Cost Information

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
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

Major tower	\$421,000.00	\$488,992.04	See	\$488,992.04	N/A
reinforcement	¢.2.,000.00	\$ 100,00 2 .0 +	attached	+	
/modifications			/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"		
Sub-total	\$657,800.00	\$655,571.07	N/A	\$522,157.04	N/A
Total for all systems	\$1,707,290.34	\$1,399,186.31	N/A	\$829,826.27	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	Component Description: Amount:	Structural analysis for WDTP tower \$17,500.00
	Component Description:	Morris Ritchie 11167942
	Amount:	v191206jgv1 \$5,600.00
	Component Description:	Foundation Mod Design Dwgs
	Amount:	\$500.00
	Component Description:	Morris Ritchie 11161979
	Amount:	v191206jgv1 \$2,400.00
	Component Description:	Revised Tower Analysis and Tower Modification
	Amount:	Design WDPB \$7,000.00
	Component Description:	Review of Geotechnical Report for Tower Foundations
	Amount:	WDPB \$165.00
Tall Tower (greater than 500')	Information not provided.	

Major tower reinforcement /modifications	Component Description: Amount:	Payment for Repack Tower Modification services \$263,414.03
	Component Description:	Train 17659 v191004jgv1
	Amount:	\$210,000.00
	Component Description:	Train 17716 v200401jgv1
	Amount:	\$15,578.01

Outside Professional Services

Cost Information

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	\$174,869.90		\$98,381.40	
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$51,404.90	N/A	\$51,404.90	N/A
Prepare and or review reimbursement form	\$2,630.00	\$20,491.00	The Estimated Cost includes Form 399 submissions including ongoing Actual Cost invoice prep and submission, and amendments as needed.	\$20,491.00	N/A
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
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

engineering study for new channel assignment					
	\$7,360.00	\$7,000.00	N/A	\$660.00	N/A
Permit Application	\$7.360.00	\$7,000.00	N/A	\$660.00	N/A
section of FCC Form 2100 (main), Construction					
Application Prepare engineering	\$3,155.00	\$3,000.00	N/A	\$1,320.00	N/A
section of FCC Form 2100 (main), License to Cover					
Temporary Authorization Prepare engineering	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare equest for Special Femporary	\$2,050.00	\$1,500.00	N/A	N/A	N/A

Components

Actual Information Description	File Name	
Comprehensive coverage verification via field study, if needed	Component Description: Amount:	KGA 952-98 v201120jgv1 \$51,404.90
Prepare and or review reimbursement form	Component Description:	Review of FCC Form 399 reimbursement budget WDPB
	Amount: Component Description:	\$250.50 Prepare reimbursement
	Amount:	form WDPB \$2,500.00
	Component Description: Amount:	KGA 952-77 v200819jgv1 \$1,675.00
	Component Description: Amount:	KGA 952-68 v200819jgv1 \$225.00
	Component Description: Amount:	KGA 952-31 v191004jgv1 \$500.00
	Component Description: Amount:	KGA 952-46 v200401jgv1 \$700.00
	Component Description: Amount:	KGA 952-61 v200414jgv1 \$325.00

Component Description: Amount:	KGA 952-24 v191122jgv1 \$650.00
Component Description: Amount:	KGA 952-30 v191122jgv1 \$850.00
Component Description: Amount:	KGA 952-89 v201120jgv1 \$75.00
Component Description: Amount:	Atty review of Form 399 reimbursement form WDPB \$136.50
Component Description:	Legal review of Form 399 reimbursement budget WDPB \$253.50
Component Description: Amount:	KGA 952-29 v191004jgv1 \$400.00
Component Description: Amount:	KGA 952-74 v200819jgv1 \$2,400.00
Component Description:	Review of FCC form 399 reimbursement budget WDPB
Amount:	\$423.00

Component Description: Amount:	KGA 952-32 v191122jgv1 \$1,675.00
Component Description: Amount:	KGA 952-34 PRRF v191122jgv1 \$312.50
Component Description: Amount:	KGA 952-84 v200819jgv1 \$250.00
Component Description: Amount:	KGA 952-53 v200401jgv1 \$1,050.00
Component Description: Amount:	KGA 952-70 v200819jgv1 \$175.00
Component Description: Amount:	KGA 952-51 v200401jgv1 \$625.00
Component Description: Amount:	KGA 952-10 v191122jgv1 \$2,250.00
Component Description: Amount:	KGA 952-59 v200401jgv1 \$2,450.00
Component Description: Amount:	KGA 952-17 v191004jgv1 \$132.50

Component Description: Amount:	KGA 952-16 v200819jgv1 \$132.50
Component Description:	KGA 952-23 v191004jgv1
Amount:	\$75.00

Component Description:	Foster Garvey
	2728137 v200414jgv1
Amount:	\$216.00
Component Description:	Foster Garvey
component beschption.	2734962
	v200414jgv1
Amount:	\$108.00
Component Description:	GSB 692786
Amount:	v191223jgv2 \$139.50
Amount.	φ100.00
Component Description:	GSB 706238
Amount:	v191206jgv1 \$418.50
Component Description	
Component Description:	GSB 725525 v200414jgv1
Amount:	\$324.00
Component Description:	GSB 723064
	v200414jgv1
Amount:	\$2,214.00
Component Description:	Foster Garvey
	2731717
Amount:	v200414jgv1 \$1,674.00
	Ţ.,
Component Description:	GSB 715312 v191206jgv1
Amount:	\$1,080.00

Other Engineering Services

Other Legal Services

Component Description: Amount:	Larry Will 2018- 02052 v191206jgv1 \$2,085.00
Component Description: Amount:	KGA 964-19 v191122jgv1 \$198.75
Component Description: Amount:	KGA 952-34 OES v191122jgv1 \$887.50
Component Description: Amount:	KGA 952-18 v191204jgv2 \$132.50
Component Description: Amount:	Larry Will 2019- 02071 v200504jgv1 \$165.00
Component Description: Amount:	KGA 952-44 v200401jgv1 \$125.00
Component Description: Amount:	L Will 2019-02063 v200817jgv3 \$3,382.50
Component Description: Amount:	Larry Will 2019- 02082 v200504jgv1 \$825.00

	Component Description: Amount:	Larry Will 2019- 02074 v200504jgv1 \$495.00
	Component Description: Amount:	KGA 952-41 v200505jgv1 \$850.00
	Component Description: Amount:	KGA 952-22 v191004jgv1 \$2,500.00
	Component Description: Amount:	KGA 952-42 v200505jgv1 \$275.00
	Component Description: Amount:	Larry Will 2019- 02058 v191206jgv1 \$495.00
Additional Field Engineering Service, 20 Days	Information not provided.	

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for	Component Description:	Larry Will 2019- 02074
height increase	Amount:	v200504jgv1 \$247.50
	Component Description:	Larry Will 2020- 02092
	Amount:	v200401jgv1 \$123.75
	Component Description:	Prepare and file FAA Form 7460-1 WDPB
	Amount:	\$660.00
ASR modification (prepare FCC Form 854)	Component Description:	Change FCC form 854 to modify antenna structure registration for
	Amount:	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:	Attorney preparation and filing of construction permi application for main facility WDPB
	Amount:	\$868.50
	Component Description: Amount:	Atty review and preparation of construction permi application for mai facility WDPB \$331.50
	Amount.	\$331.3U
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:	Engineering preparation of construction permin application main facility WDPB
	Amount:	\$1,320.00
Perform engineering study for new channel assignment and antenna development	Component Description:	Antenna development for WDPB
	Amount:	\$660.00
Address transition timing		
and coordination issues w/ other stations and wireless	Component Description:	Atty address timing issues of transition WDPB

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:	Amending the 399
		budget and
		submitting actual
		cost invoices
		WDPB
	Amount:	\$570.00
	Component Descriptions	Review of FCC
	Component Description:	form 387 progress
		report WDPB
	Amount:	\$39.00
	Component Description:	Atty review of Form
	· · ·	387 progress
		report WDPB
	Amount:	\$39.00

Component Description: Amount:	Quarterly progress report Q1 2018 WDPB \$225.00
Component Description: Amount:	Review of FCC for 387 progress report WDPB \$367.50
Component Description: Amount:	KGA 952-20 v191122jgv1 \$150.00
Component Description: Amount:	Prepare Form 387 progress report WDPB \$225.00
Component Description: Amount:	Prepare Form 387 progress report WDPB \$300.00
Component Description: Amount:	KGA 952-39 v200414jgv1 \$150.00

Other Expenses

Cost Information

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	\$1,399,186.31	N/A	\$829,826.27	N/A

Components

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

Other Transaction Fees		
	Component Description:	Bank Debit for Loan Commitme Fee for Line of
	Amount:	Credit \$6,000.00
	Component Description:	Courier service t establish line of credit WDPB
	Amount:	\$6.75
Interest	Information not provided.	
Bank Fees	Information not provided.	
Appraisal for tower work on neighboring land	Component Description: Amount:	Parkowski 4893- 0003 v191209jgv \$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	Component Description:	PSI 2004
Handling Charges	component Description.	v200501jgv1

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	\$1,399,186.31	\$829,826.27	

Reimbursem	envestialus	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.	
		 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 <i>Engineering</i> <i>Associate</i>
	11/20/2020

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).	
		 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).
- 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.

	 The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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. 	
an au name	are, under penalty of perjury, that I am athorized representative of the above- ed applicant for the Authorization(s) fied above.	Jeffrey C Gehman Engineering Associate
		11/20/2020

Attachments