

(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 **11/30** 

Submitted: /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 Name and Information Reimbursement Contact 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**

rs	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	
Manufacturer and Type	Model	NV7250E
	Year	2005
	Туре	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 retuned 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
		1

	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 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

### **Existing Antenna Information**

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	Class	Full Power
Manufacturer and Type	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

### **New Antenna Costs**

Section	Question	Response
New Antenna	Use	Primary (Main)
Description	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	Class	Full Power
Manufacturer and Types	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

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

### **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 Cost Not Listed**

Name	Description	
Antenna inspection	Antenna inspection	

### 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	Class	Full Power
Manufacturer and Type	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.
	antenna
	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 Seffien	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

### Primary Transmissio

### **Existing Transmission Line**

Section 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
	Туре	Flexible Ai
	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	Naine Naine	Description
	Sweep Tests	Sweep line to verify performance on assigned channel

### Interim Transm

### **New Transmission Line**

n missior				
	n Line Settion	Question	Response	
	New Transmission Line Costs	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	

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.

# Other Transmission Line Expenses Not Listed Interim Transmission Line tion 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	Do you have a tower registration number?	Yes
Registration	ASR Number	1032913
Coordinates (NAD83 ( North American Datum of	Latitude (NAD83)	38° 39' 15.0" N-
1983))	Longitude (NAD83)	075° 36' 41.0" W-
	Overall Structure Height	655.50 fee
	Support Structure Height	629.91 fee
	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	Are helicopter services required?	No
Required		

### Primary Tower

### Other Tower Expenses Not Listed

Information not provided.

Outside Professional

Section	Question	Response
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	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 or personnel trained in such services.

### Outside Professional

### Other Professional Services Expenses Not Listed

I Services Costs	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
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
Paraflector and line install	Paraflector and line install
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.
MVPD antenna replacement	MVPD antenna replacement

# **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	
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$7,146.74	N/A
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

2.88 kW			2 38092.12 030419 INV		399 is
			030419 INV		giving a red
			030419		X & stating
			464956212		"The Sub-
			GatesAir -		total is
			Transmitter		greater
			38092.12		than
			cover		Estimated
			031219-		Cost.
			0425PM.		Please
			pdf", "Gates		provide an
			JW30004592-		explanation
			1		for the
			v191206jgv1.		difference
			pdf" and		in costs."
			"Gates		which is
			US0326963		inaccurate:
			v200504jgv1.		Both the
			pdf"		Sub-total
					and
					Estimate
					Cost are
					\$121,758.59
Sub-total	\$330,708.59	\$327,258.59	N/A	\$128,905.33	N/A
Total for all systems	\$1,711,621.34	\$1,403,517.31	N/A	\$834,239.15	N/A

### Components

Actual Information Description	File Name	
Switchgear - industrial 800 amp	Component Description: Amount:	Res Elec 000023 v200225jgv2 \$7,146.74
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 US032696: v200612jgv2
	Amount:	\$45,836.17
	Component Description:	Gates JW30004592-1
	Amazunti	v191206jgv1
	Amount:	\$37,830.30
	Component Description:	One-third paymer
		for new primary transmitter
	Amount:	\$38,092.12

# **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 Cos
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
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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A

Primary Antenna PSILPT16BLSC- 24	\$256,425.00	\$53,670.00		\$53,670.00	
Antenna inspection	\$2,695.00	\$2,695.00	N/A	\$2,695.00	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
Sweep test of existing antenna	\$6,730.00	\$6,500.00	N/A	\$6,500.00	N/A
Sub-total	\$380,965.00	\$98,620.00	N/A	\$65,220.00	N/A
Total for all systems	\$1,711,621.34	\$1,403,517.31	N/A	\$834,239.15	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.

UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Component Description:  Amount:	PSI 2003DP Int ant 1 3rd down pmt v191122jgv1 \$3,850.00
	Component Description: Amount:	PSI 2003 v200501jgv1 \$7,700.00
Sweep test of existing antenna	Information not provided.	
Antenna inspection	Component Description: Amount:	Train 17553 v201130jgv1 \$2,695.00
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description: Amount:	PSI 2003DP Prim ant 1 3rd down pmt v191122jgv1 \$14,825.00
	Component Description: Amount:	PSI 2004 v200501jgv1 \$29,650.00
Sweep test of existing antenna	Component Description: Amount:	RF Analytical 1490 v200504jgv1 \$6,500.00

## **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	\$1,711,621.34	\$1,403,517.31	N/A	\$834,239.15	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

# **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

Total for all systems	\$1,711,621.34	\$1,403,517.31	N/A	\$834,239.15	N/A
Sub-total	\$657,800.00	\$655,571.07	N/A	\$522,157.04	N/A
study					
necessary for tower load					
documentation					
preparation of			pdf"		
tower and			v191206jgv1.		
documented			11167942		
/poorly			Ritchie		
undocumented			titled "Morris		
an			PDF file		
mapping for			/uploaded		
Tower	\$26,300.00	\$33,165.00	See attached	\$33,165.00	N/A
			0425PM"		
			031219-		
			cover		
			Services 0		
			- Tower		
			Towers, Inc.		
			Train's		
			031119 TBD		
			QUO		
			031119		
			526828.06		
000)			Quote		
500')			"WDPB		
Tall Tower (greater than	\$210,500.00	\$133,414.03	See quote named	N/A	N/A

### Components

<b>Actual Information</b>	
Description	File Name

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

for WDTP tower

**Amount:** \$17,500.00

Component Description: Morris Ritchie

11167942 v191206jgv1

**Amount:** \$5,600.00

Component Description: Morris Ritchie

11161979 v191206jgv1

**Amount:** \$2,400.00

Component Description: Revised Tower

Analysis and

Tower

Modification
Design WDPB

**Amount:** \$7,000.00

Component Description: Foundation Mod

Design Dwgs

**Amount:** \$500.00

Component Description: Review of

Geotechnical Report for Tower Foundations WDPB

**Amount:** \$165.00

# **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	\$174,869.90		\$98,381.40	
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	\$51,404.90	N/A	\$51,404.90	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

Total for all systems	\$1,711,621.34	\$1,403,517.31	N/A	\$834,239.15	N/A
Sub-total	\$193,260.00	\$174,869.90	N/A	\$98,381.40	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
Project management of the transition	\$27,966.00	\$26,550.00	N/A	\$2,965.50	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$660.00	N/A

### Components

Actual Information	
Description	File Name

Other Legal Services		
	Component Description:	Foster Garvey
		2731717

Amount:

v200414jgv1 \$1,674.00

**Component Description:** Foster Garvey

2734962 v200414jgv1

**Amount:** \$108.00

Component Description: GSB 692786

v191223jgv2

**Amount:** \$139.50

Component Description: GSB 706238

v191206jgv1

**Amount:** \$418.50

**Component Description:** Foster Garvey

2728137

v200414jgv1

**Amount:** \$216.00

**Component Description:** GSB 715312

v191206jgv1

**Amount:** \$1,080.00

Component Description: GSB 725525

v200414jgv1

**Amount:** \$324.00

Component Description: GSB 723064

v200414jgv1

**Amount:** \$2,214.00

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 952-44

v200401jgv1

**Amount:** \$125.00

Component Description: L Will 2019-02063

v200817jgv3

**Amount:** \$3,382.50

Component Description: Larry Will 2019-

02082

v200504jgv1

**Amount:** \$825.00

Component Description: Larry Will 2019-

02074

v200504jgv1

**Amount:** \$495.00

Component Description: KGA 952-42

v200505jgv1

**Amount:** \$275.00

Component Description: KGA 952-22

v191004jgv1

**Amount:** \$2,500.00

Component Description: KGA 952-41

v200505jgv1

**Amount:** \$850.00

Component Description: KGA 952-18

v191204jgv2

**Amount:** \$132.50

Additional Field Engineering Service, 20

Days

Information not provided.

**Component Description:** 

Comprehensive coverage verification via field study, if

needed

KGA 952-98

v201120jgv1

**Amount:** \$51,404.90

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for	Component Description:	Prepare and file FAA Form 7460-1 WDPB
height increase	Amount:	\$660.00
	Component Description:	Larry Will 2019- 02074
	Amount:	v200504jgv1 \$247.50
	Component Description:	Larry Will 2020- 02092 v200401jgv1
	Amount:	\$123.75
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 permit application for main facility WDPB
	Amount:	\$868.50
	Component Description:	Atty review and preparation of construction permit application for main facility WDPB
	Amount:	\$331.50
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:	Engineering preparation of construction permit application main
	Amount:	facility WDPB \$1,320.00
Perform engineering study for new channel assignment and antenna development	Component Description:	Antenna development for
·	Amount:	WDPB \$660.00
Address transition timing and coordination issues w/	Component Description:	Atty address timing
other stations and wireless	,	issues of transition WDPB
	Amount:	\$58.50

Project management of the transition

Component Description: Quarterly progress

report Q1 2018

WDPB

**Amount:** \$225.00

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:** Prepare Form 387

progress report

**WDPB** 

**Amount:** \$225.00

Component Description: KGA 952-20

v191122jgv1

**Amount:** \$150.00

Component Description: Atty review of Form

387 progress report WDPB

**Amount:** \$39.00

Component Description: Review of FCC for

387 progress report WDPB

**Amount:** \$367.50

Component Description: KGA 952-39

v200414jgv1

**Amount:** \$150.00

**Component Description:** Amending the 399

budget and submitting actual cost invoices

WDPB \$570.00

**Amount:** \$570.00

Component Description: Review of FCC

form 387 progress

report WDPB

**Amount:** \$39.00

**Component Description:** Prepare Form 387

progress report

WDPB

**Amount:** \$300.00

Prepare and or review reimbursement form

Component Description: KGA 952-89

v201120jgv1

**Amount:** \$75.00

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: Review of FCC

Form 399

reimbursement budget WDPB

**Amount:** \$250.50

Component Description: KGA 952-23

v191004jgv1

**Amount:** \$75.00

Component Description: KGA 952-84

v200819jgv1

**Amount:** \$250.00

Component Description: KGA 952-74

v200819jgv1

**Amount:** \$2,400.00

Component Description: Atty review of Form

399 reimbursement

form WDPB

**Amount:** \$136.50

Component Description: KGA 952-53

v200401jgv1

**Amount:** \$1,050.00

Component Description: KGA 952-51

v200401jgv1

**Amount:** \$625.00

Component Description: KGA 952-29

v191004jgv1

**Amount:** \$400.00

Component Description: KGA 952-59

v200401jgv1

**Amount:** \$2,450.00

Component Description: KGA 952-16

v200819jgv1

**Amount:** \$132.50

Component Description: Legal review of

Form 399

reimbursement budget WDPB

**Amount:** \$253.50

Component Description: KGA 952-34 PRRF

v191122jgv1

**Amount:** \$312.50

Component Description: KGA 952-17

v191004jgv1

**Amount:** \$132.50

Component Description: Review of FCC

form 399

reimbursement budget WDPB

**Amount:** \$423.00

Component Description: KGA 952-70

v200819jgv1

**Amount:** \$175.00

Component Description: KGA 952-32

v191122jgv1

**Amount:** \$1,675.00

## **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
Other Expenses	\$123,677.75	\$123,127.75		\$13,575.38	
MVPD antenna replacement	\$1,636.00	\$1,636.00	N/A	\$1,636.00	N/A
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
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
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
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	\$2,647.63	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
Develop and air announcement of upcoming channel change	\$0.00	\$0.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	\$1,610.00	N/A
Sub-total	\$123,677.75	\$123,127.75	N/A	\$13,575.38	N/A
Total for all systems	\$1,711,621.34	\$1,403,517.31	N/A	\$834,239.15	N/A

### Components

Actual Information Description	File Name	
MVPD antenna replacement	Component Description: Amount:	Nickless 0479779- IN v201130jgv1 \$1,636.00
WDPB Legal Fee	Component Description:	50 percent share of Legal Fees for line of credit
	Amount:  Component Description:	\$1,410.99  50 percent share legal fees for line
	Amount:	of credit \$1,410.99

Paraflector and line install		<u>.</u>
	Component Description:	Stellar 1011
	Amount:	v201119jgv1 \$2,225.00
	Amount.	Ψ <b>∠,</b> ∠∠ህ.UU
Other Transaction Fees		
	Component Description:	Bank Debit for
		Loan Commitment
		Fee for Line of
		Credit
	Amount:	\$6,000.00
	Component Description:	Courier service to
		establish line of
		credit WDPB
	Amount:	\$6.75
Interest	Information not provided.	
Bank Fees	Information not provided.	
Appraisal for tower work on		
neighboring land	<b>Component Description:</b>	Parkowski 4893-
		0003 v191209jgv1
	Amount:	\$2,500.00
Equipment Storage	Information not provided.	
Equipment Delivery and		
Handling Charges	<b>Component Description:</b>	Nickless 0479779-
		IN v201130jgv1
	Amount:	\$81.88
	Component Description:	PSI 2004
	Component Description.	v200501jgv1
	Amount:	\$2,565.75
		<del>+=</del> ,000.10
Disposal Costs (for	Information not provided.	
equipment and other waste,		
net of any salvage value)		

DTV Medical Facility Notification		
	Component Description:	KGA 952-25
		v191122jgv1
	Amount:	\$2,950.00
Develop and air announcement of upcoming channel change	Information not provided.	
MVPD Notification of		
Channel Change	Component Description:	KGA 952-26
		v191122jgv1
	Amount:	\$1,610.00

# Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,711,621.34	\$1,403,517.31	\$834,239.15

Reimbursem	enrestiatus	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

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 abovenamed applicant for the Authorization(s) specified above. Jeffrey C Gehman Engineering Associate

11/30/2020

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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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 abovenamed applicant for the Authorization(s) specified above. Jeffrey C Gehman Engineering Associate

11/30/2020

#### **Attachments**