

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 40618 Service: DTV Call WCPB Channel: 16 (UHF)

Sign:

File **0000027915**

Number:

ID:

FRN: **0003857380** Date **05/03**

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
MARYLAND PUBLIC BROADCASTING COMMISSION Doing Business As: MARYLAND PUBLIC BROADCASTING COMMISSION	Larry D. Unger, President & CEO 11767 OWINGS MILLS BOULEVARD OWINGS MILLS, MD 21117 United States	+1 (410) 356- 5600	lunger@mpt. org	Government Entity

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
Joseph L. Snelson , Jr . Technical Consultant Meintel, Sgrignoli & Wallace	1282 Smallwood Drive, Suite 372 Waldorf, MD 20603 United States	+1 (303) 344- 8037	joe. snelson@mswdtv. com

Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	Current transmission system consists of a transmitter feeding a transmission line which connects to an antenna on the tower. Work includes installing new transmission line, attaching to antenna and connecting to new repack channel transmitter.

Transmitters

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

Auxiliary Transmitter

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary use in case of main transmitter failure
	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	TDU2- 10K0LV
	Year	2003
	Туре	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	5 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	PRLX-U8
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13 kW
	Justification for New Transmitter	Current transmitter is not supported for a channel change. See attached Transmitter Replace Justification letter from manufacturer. Power upgrade is part of an agreement provided to the FCC to move WCPB to Ch. 16 to accommodate moving WETA to channel 31.

Auxiliary Transmitter

Other Transmitter Costs

Section Question	Response
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Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.
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

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Bag Filter	Bag type water filtration for heat exchanger system.
Coolant	The coolant used for the transmitter heat exchanger is not included in the transmitter price
Remote Control Interface	License required to interface transmitter into current remote control system
Rigid Coax Line	Rigid interconnection coax lines from transmitter to filter to antenna switch.

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	TDU2- 10K0LV
	Year	2003
	Туре	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	5 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	MPTV-PRLX- U8
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13 kW
	Justification for New Transmitter	Current transmitter is not supported for a channel change. See attached Transmitter Replace Justification letter from manufacturer. Power upgrade is part of an agreement provided to the FCC to move WCPB to Ch. 16 to accommodate moving WETA to channel 31.

Primary Transmitter

Other Transmitter Costs

Question	Response
	Question

Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes material and labor.
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
Motorized Switch - Filter Input	Switches main or aux transmitter into mask filter
Coolant	The coolant used for the transmitter heat exchanger is not included in the transmitter price
Site Design and Survey	Incorporates all aspects of the transmitter room design, including power distribution requirements, equipment placement, RF system layout, plumbing, and remote control.
CIF Mask filter	Constant Impedance mask Filter. Station currently utilizes a CIF. The 8-Pole filter is required to protect Land Mobile operations in Washington D.C. with WCPB being assigned ch. 16.
Remote Control Interface	License required to interface transmitter into current remote control system
Motorized Switch	Electric actuated switch to switch between antenna and load
Bag Filter	Bag type water filtration for heat exchanger system.
Rigid Coax Line	Rigid interconnection coax lines from transmitter to filter to antenna switch.

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	Retune Existing
	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	Тор
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	16
	Design power capacity in use	50.0 %
	Lower Limit	470.00 MH

Upper Limit	698.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	132.0 kW
Manufacturer	DIE
Model	TUP-16-O4-
Year	2009

Primary Antenna

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
Antenna Optimizing	Optimize match to operate on channel 16 from 28

Transmission Seffien	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	No

Tower
Equipment
And
Rigging
Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	No

Outside
Professional

	Section	Question	Response
al	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	280
		Explanation	Applicant has limited internal resources to oversee installing and commissioning this repack project. It will rely on outside services to manage all work required.
	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	No
	Quantity	N/A
	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	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No

RF exposure measurements	No
Additional Field Engineering Service	Yes
Number of Days	1
Justification	Initial sweep of the antenna to verify if antenna could operate on original repack channel 21.

Outside Professional

Other Professional Services Expenses Not Listed

Services Costs	Description
Progress Reports	Prepare and file 8 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.

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?	No
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	No
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses Not Listed

Expenses Information not provided.

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 MPTV- PRLX-U8	\$654,413.50	\$629,913.50		\$301,575.46	
Rigid Coax Line	\$2,600.00	\$2,600.00	Rigid interconnection coax lines from transmitter to filter to antenna switch. Part of the internal RF systems and will be cut to length needed. This IS NOT an upgrade.	\$1,300.00	N/A
Bag Filter	\$6,975.00	\$6,975.00	Bag type water filtration for heat exchanger system. Current prerepack cooling system has this filtering. This IS NOT an upgrade.	\$3,487.50	N/A

Motorizod	¢26 405 00	¢26 405 00	Electric	¢12 007 50	N/A
Motorized Switch	\$26,195.00	\$26,195.00	actuated	\$13,097.50	IN/A
SWILCH			switch to		
			switch		
			between		
			antenna and		
			load. Current		
			transmitter has		
			this capability		
			but switch		
			cannot be		
			moved as it is		
			in pre-repack		
			service. See		
			budget rev		
			061918.pdf		
Remote	\$2,197.50	\$2,197.50	License	\$0.00	N/A
Control			required to		
Interface			interface		
			transmitter into		
			current remote		
			control system.		
			These are in		
			use now on		
			the Comark		
			transmitters.		
			This IS NOT		
			an upgrade.		
CIF Mask	\$75,207.00	\$75,207.00	Constant	\$37,603.50	N/A
filter			Impedance		
			mask Filter.		
			Station		
			currently		
			utilizes a CIF.		
			The 8-Pole		
			filter is		
			required to		
			protect Land		
			Mobile		
			operations in		
			Washington D.		
			C. with WCPB		
			haina accianad		
			being assigned ch. 16.		

Site Design	\$15,300.00	\$15,300.00	Incorporates all aspects of	\$2,137.90	N/A
and Survey			the transmitter		
aa			room design,		
			including		
			power		
			distribution		
			requirements,		
			equipment		
			placement, RF		
			system layout,		
			plumbing, and		
			remote control.		
			TOTHOLE COTTUDE.		
Coolant	\$814.00	\$814.00	The coolant	\$736.56	N/A
			used for the		
			transmitter		
			heat		
			exchanger is		
			not included in		
			the transmitter		
			price. See		
			attached		
			coolant quote.		
Motorized	\$16,425.00	\$16,425.00	Motorized	\$8,212.50	N/A
Constants			switch		
Switch -			SWILOIT		
			switches main		
Filter Input					
			switches main		
			switches main or aux transmitter into		
			switches main or aux transmitter into filter. Station		
			switches main or aux transmitter into		
			switches main or aux transmitter into filter. Station currently uses motorized		
			switches main or aux transmitter into filter. Station currently uses motorized switch but		
			switches main or aux transmitter into filter. Station currently uses motorized switch but can't be moved		
			switches main or aux transmitter into filter. Station currently uses motorized switch but can't be moved while on pre-		
			switches main or aux transmitter into filter. Station currently uses motorized switch but can't be moved while on pre- repack		
			switches main or aux transmitter into filter. Station currently uses motorized switch but can't be moved while on pre- repack channel. See		
			switches main or aux transmitter into filter. Station currently uses motorized switch but can't be moved while on pre- repack		

Other Electrical	\$14,200.00	\$14,200.00	Electrical	N/A	N/A
Service:			contractor to connect		
Electrical			transmitter into		
contractor			existing		
to connect			electrical panel		
transmitter			and wire heat		
into			exchanger into		
existing			transmitter.		
electrical			Includes		
panel and			material and		
wire heat			labor.		
exchanger			iabui.		
into					
transmitter.					
Includes					
material					
and labor.					
and labor.					
UHF -	\$494,500.00	\$470,000.00	N/A	\$235,000.00	N/A
Liquid					
Cooled					
Solid State					
Transmitter					
8.2 - 13 kW					
Auxiliary Transmitter PRLX-U8	\$521,286.50	\$460,886.50		\$222,574.06	
Rigid Coax	\$2,600.00	\$2,600.00	Rigid	\$1,300.00	N/A
Line	, ,	, , , , , , , , , , , , , , , , , , , ,	interconnection	, ,	
			coax lines from		
			transmitter to		
			filter to		
			antenna		
			antenna		
			antenna switch. Part of the internal RF		
			antenna switch. Part of the internal RF systems and		
			antenna switch. Part of the internal RF systems and will be cut to		
			antenna switch. Part of the internal RF systems and		

Remote	\$2,197.50	\$2,197.50	License	N/A	N/A
Control			required to		
Interface			interface		
			transmitter into		
			current remote		
			control system.		
			Current		
			Comark		
			transmitters		
			have this		
			interface. This		
			IS NOT an		
			upgrade.		
Coolant	\$814.00	\$814.00	The coolant	\$736.56	N/A
			used for the		
			transmitter		
			heat		
			exchanger is		
			not included in		
			the transmitter		
			price. See		
			attached		
			coolant quote.		
Bag Filter	\$6,975.00	\$6,975.00	Bag type water	\$3,487.50	N/A
			filtration for		
			heat		
			exchanger		
			system.		
			Current pre-		
			repack cooling		
			system has		
			this filtering.		
			This IS NOT		
			11113 13 140 1		
			on unareds		
			an upgrade.		

Other Electrical Service: Electrical	\$14,200.00	\$14,200.00	Electrical contractor to connect transmitter into	N/A	N/A
contractor to connect transmitter into existing electrical panel and wire heat exchanger into transmitter. Includes			existing electrical panel and wire heat exchanger into transmitter. Includes material and labor. See attached electrical quote.		
material and labor. UHF - Liquid	\$494,500.00	\$434,100.00	N/A	\$217,050.00	The final quote is
Cooled Solid State Transmitter 8.2 - 13 kW					attached and is less than what was originally estimated.
Sub-total	\$1,175,700.00	\$1,090,800.00	N/A	\$524,149.52	N/A
Total for all systems	\$1,588,500.00	\$1,249,170.00	N/A	\$540,763.27	N/A

Components

Actual Information Description	File Name	
Rigid Coax Line		
	Component Description:	20' coax sections
		line 3.2 on quote
		d included on
		invoice line 3 50%
		deposit
	Amount:	\$1,300.00

Bag Filter		
	Component Description:	bag filler line 3.1
		on quote included on line 3 on
		invoice. 50%
		deposit
	Amount:	\$3,487.50
	7	4 0, 101.100
Motorized Switch		
	Component Description:	line 3.3 on quote
		included in line 3
		on invoice
	Amount:	\$13,097.50
Remote Control Interface	Information not provided.	
CIF Mask filter		
	Component Description:	line 3.4 on quote,
		included on line 3
		on invoice,
	Amount:	\$37,603.50
Site Design and Survey		
	Component Description:	Site Survey
	Amount:	\$2,137.90
Coolant		
	Component Description:	Coolant for
		Transmitter
	Amount:	\$736.56
Motorized Switch - Filter Input		
Input	Component Description:	line 3.5 on quote.
		part of line 3 on
		invoice
	Amount:	\$8,212.50

Information not provided.	
Component Description: Amount:	line 1a,1b,1c on invoice. Line 1- 1.17 on quote D 50% deposit \$235,000.00
Component Description:	20' coax sections.
	line 3.2 on quote a Included in cost of line6 on quote. 50% deposit
Amount:	\$1,300.00
Information not provided.	
Component Description: Amount:	Coolant for Transmitter \$736.56
Component Description:	Bag Filter 50% deposit line 3.1 on quote a part of line 6 on invoice 11448a
Amount:	\$3,487.50
Information not provided.	
	Component Description: Amount: Amount: Information not provided. Component Description: Amount: Component Description: Amount:

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW

Component Description: This is for items

4a,4b,4c on invoice. Also quote p#2958A Auxiliary. 1.1-1.17

Amount: \$217,050.00

Cost Information

Antennas

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

Description Primary	Predetermined Cost Estimate \$256,730.00	Estimated Cost \$9,400.00	Estimated Cost Justification	Actual Cost \$3,000.00	Actual Cost Justification
Antenna TUP-16-O4- 1					
Antenna Optimizing	\$3,000.00	\$3,000.00	Optimize antenna match from channel 28 to channel 16	N/A	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,000.00	N/A
Sub-total	\$256,730.00	\$9,400.00	N/A	\$3,000.00	N/A
Total for all systems	\$1,588,500.00	\$1,249,170.00	N/A	\$540,763.27	N/A

Components

Actual Information Description	File Name
Antenna Optimizing	Information not provided.

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Information not provided.	
Sweep test of existing antenna	Component Description:	Sweep of existing system at WCPB
	Amount:	salisbury \$3,000.00

Cost Transmission Line

Information Information not provided.

Cost Tower Equipment and Rigging Costs

Information Information not provided.

Cost Outside Professional Services

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	\$105,200.00	\$102,650.00		\$1,503.75	
Progress Reports	\$28,000.00	\$28,000.00	Prepare and file 8 required progress reports on FCC Form 2100, Schedule 387 on a quarterly basis with the FCC.	\$802.50	N/A
Additional Field Engineering Service, 1 Days	\$6,400.00	\$6,400.00	Initial sweep of antenna to evaluate operation on channel 21 from channel 28.	N/A	N/A

Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$5,000.00	Fees related to multi-party resolution agreement with Maryland Public TV, WETA and HME Equity Fund II, LLC. Involved several stations moving channels to accommodate WETA moving from ch 14 to 31.	\$444.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$168.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	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	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$89.25	N/A
Project management of the transition	\$44,240.00	\$42,000.00	N/A	N/A	N/A
Sub-total	\$105,200.00	\$102,650.00	N/A	\$1,503.75	N/A
Total for all systems	\$1,588,500.00	\$1,249,170.00	N/A	\$540,763.27	N/A

Components

Actual Information Description	File Name	
Progress Reports		
	Component Description:	Legal fees for
		Progress
		Reporting for
		Repacking Project
	Amount:	\$31.50

Component Description: Legal fees

associated with

the repacking

project

Amount: \$85.00

Component Description: Legal fees for

Progress
Reporting for

Repacking Project

Amount: \$104.50

Component Description: Legal fees for

Progress
Reporting for

Repacking Project

Amount: \$79.50

Component Description: Legal fees

associated with the repacking

project

Amount: \$255.00

Component Description: Legal fees for

Progress
Reporting for
repacking project

Amount: \$142.50

Component Description: Legal fees for

Progress
Reporting for

Repacking Project

Amount: \$104.50

Additional Field Engineering Service, 1 Days

Information not provided.

Attorney Fees - Negotiation of lease and other matters for shared locations	Component Description:	Legal Fees for Salisbury location only
	Amount:	\$444.00
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Component Description:	Legal fees associated with the repacking project
	Amount:	\$168.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	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	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Prepare and or review reimbursement form	Component Description:	Legal fees for FCC repacking
	Amount:	\$89.25
Project management of the transition	Information not provided.	

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	\$50,870.00	\$46,320.00		\$12,110.00	
MVPD Notification of Channel Change	\$1,000.00	\$1,000.00	Notification will need to be made to MVPD's as required. Applicant to explore using an outside firm to determine which facilities will need to be notified and send the appropriate notification letters.	N/A	N/A
Equipment Delivery and Handling Charges	\$18,320.00	\$18,320.00	Transmitter shipping shown as options on attached quotes.	\$9,160.00	N/A

Disposal	\$20,000.00	\$20,000.00	Applicant	N/A	N/A
Costs (for equipment and other waste, net of any salvage value)		Ψ20,000.00	will be required to dispose of the current transmission line and transmitter and heavy oil filled high voltage power supplies. These cannot be disposed of in a typical landfill.	IN/A	
DTV Medical Facility Notification	\$11,550.00	\$7,000.00	N/A	\$2,950.00	N/A
Sub-total	\$50,870.00	\$46,320.00	N/A	\$12,110.00	N/A
Total for all systems	\$1,588,500.00	\$1,249,170.00	N/A	\$540,763.27	N/A

Components

Actual Information Description	File Name
MVPD Notification of Channel Change	Information not provided.

Equipment Delivery and		
Handling Charges	Component Description:	Line item 2 on
		invoice Line s 2.1
		and 2.2 on quote.
		transportation and
		offloading 50%
		deposit
	Amount:	\$4,580.00
	Component Description:	Line 2.1 and 2.2
	,	on quote p#2958A
		Line 5 on invoice
		11448A
		transportation and
		offloading 50%
		deposit
	Amount:	\$4,580.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
DTV Medical Facility		
Notification		
	Component Description:	Medical
		Notification Mailing
		for WCPB
	Amount:	\$2,950.00

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,588,500.00	\$1,249,170.00	\$540,763.27

Reimbursem	envestiatus	Response
	The facility has ceased operating on its pre- auction channel.	No
	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. Tammy Conrad, Conrad. Fiscal Accounts Clerk

05/03/2019

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. Tammy Conrad, Conrad. Fiscal Accounts Clerk

05/03/2019

Attachments