

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility	77677	Service: DCA	Call	WAPK-CD	Channel: 16 (UHF)
ID:			Sign:		
File	000002	6125			
Number:					
FRN: 000	01770163	Date	11/22		
		Submitted:	/2018		

Applicant Name, Type, and Contact Information

Information

1	Applicant	Address	Phone	Email	Applicant Type
	HOLSTON VALLEY BROADCASTING CORPORATION Doing Business As: HOLSTON VALLEY BROADCASTING CORPORATION	Nathan D. Widener 222 COMMERCE ST KINGSPORT, TN 37660 United States	+1 (423) 723- 6134	davidw@wtfm. com	Corporation

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
	The Preparer is same as the reimbursement contact.			

Broadcaster	Question
Information	
and	
Transition	
Plan	

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.	Yes
Briefly describe transition plan	tower and building is shared with these stations

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

Primary	Existing Transmitter Info	rmation	
Fransmitter	Section	Question	Response
	Existing Transmitter Description	Type of change	Purchase New
		Use	Purchase
		Description of Use	
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is this transmitter currently shared with another station?	Yes
		Is this transmitter currently in operating condition?	Yes
	Existing Transmitter	Manufacturer	
	Manufacturer and Type	Model	
		Year	2003
		Туре	NewPrimary (Main)N/AOwnedN/AN/AYesYesTAU 2- 5K00AA2003
		Solid State Cooling	Air Cooled
		Solid State Power Capacity	1 kW

Existing Transmitter Information

Facility ID's and Call Signs of all stations with whom the transmitter is shared.

Facility ID	Call Sign
27504	WKPT-TV

Primary	New Transmitter Costs		
Transmitter	er Section Question New Transmitter Use	Question	Response
		Use	Primary (Main)
		Change Type	Purchase New
		Is this a request for upgraded equipment?	No
		Manufacturer	
		Model	EC701HP- BB
		Transmitter Type	Solid State
		Solid State Cooling	Air Cooled
		Solid State Power capacity	0.85 kW
		Justification for New Transmitter	We need to keep our existing channel 36 signal on the air while we build out our new assigned channel 16.

Other Transmitter Costs

Primary	Other Transmitter Costs			
Transmitter	Section	Question	Response	
	Electrical Service	Service Entrance (3 phases 800A 208V)	No	
	Switchgear (industrial 800 amp) Transformer (480V)	Switchgear (industrial 800 amp)	No	
		No		
		Power	N/A	
		Rigid Conduit and Wiring	No	
		Size	N/A	

	Length	N/A
	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

itter	Name	Description
	Burk Arc Plus Touch V5	Upgrade of remote control system to be compatible with the new Comark transmitter

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

Primary	Existing Antenna Information			
Antenna	Section	Question	Response	
	Existing Antenna Description	Type of change	Purchase New	
		Antenna Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is the existing antenna shared with another station or stations?	No	
		Is the existing antenna directional?	Yes	
		Is antenna in operating condition?	Yes	
		Is antenna located on or in close proximity to an antenna farm?	Yes	
	Existing Antenna Manufacturer and Type	Class	Class A	
		Mounting	Side Mount	
		Antenna position in stack	Middle	
		Polarization	Horizontal	
		Туре	Other	
		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	6 Parapanels	
		ERP: (Effective Radiated Power)	15.0 kW	

Manufacturer	
Model	SCA- 4DR4S
Year	2003

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?	Yes		
	New Antenna Manufacturer and Types	Class	Class A		
		Mounting	Side Mount		
		Antenna position in stack	Middle		
		Polarization	Horizontal		
		Туре	Other		
		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	Parapanel		
		ERP: (Effective Radiated Power)	9.63 kW		
		Manufacturer			
		Model	PSILP8-16		

Year	2018
Justification for New Antenna	We need a new antenna because they are channel specific and we are moving from 36 to 16.

Other Antenna Costs

Primary Antenna

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	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?	No
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

PrimaryOther Antenna Cost Not ListedAntennaInformation not provided.

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

Primary	Existing Transmission Line			
Transmissio	n Line Section	Question	Response	
	Existing Transmission Line Description	Type of change	Purchase New	
		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	Manufacturer		
	Line Manufacturer and Type	Туре	Flexible Foam	
		Diameter	1 5/8 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	185 feet per run	

Primarv	New Transmission Line			
Transmissio	n Line Section	Question	Response	
	New Transmission Line Costs	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Туре	Flexible Foam	
		Diameter	1 5/8 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	150 feet per run	
		Justification for New Transmission Line	We have to have a new antenna so we will need additional transmission line to keep both channels on air. The new location of the antenna and the transmitter will require additional length of line.	

Primary Other Transmission Line Expenses Not Listed

Other Transmission Transmission

Interim Transmissio	New Transmission Line			
	n Line Section	Question	Response	
	New Transmission Line	Use	Interim	
	Costs	Description of Use	N/A	
		Change Type	Purchase New	
		Туре	Flexible Foam	
		Diameter	1 5/8 inches	
		Segment Length	N/A	
		Other Segment Length		
		Number of parallel runs	1	
		Length	310 feet per run	
		Justification for New Transmission Line	To serve the existing primary antenna when it is moved to a nearby rental tower for interim operation through the transition	

Interim Other Transmission Line Expenses Not Listed

Transmission home tion not provided.

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

Existing Tower

Primary	Existing Tower			
Tower	Section	Question	Response	
	Existing Tower	Type of change	Move Equipment	
	Description	Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Is this tower consider Complex?	Terrain Constrained	
		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	No	
		Is tower documented for structural analysis?	Yes	
		Is tower compliant with Rev G?	Unknown	
	Existing Tower Structure Registration	Do you have a tower registration number?	Yes	
		ASR Number	1054538	
	Coordinates (NAD83	Latitude (NAD83)	36° 25' 53.0" N-	
	(North American Datum of 1983))	Longitude (NAD83)	082° 08' 15.0" W-	
		Overall Structure Height	225.72 feet	
		Support Structure Height	169.29 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	4172.85 feet	

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	HOLSTON VALLEY BROADCASTING CORPORATION
	Date Constructed	10/01/1994

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
27490	WOPI-CD	DTV
27489	WTFM	FM
27504	WKPT-TV	DTV

Primary Tower Rigging Costs

Tower

Section	Question	Response
Tower Rigging Costs	Complex Tower	Terrain constrained
Helicopter Services Required	Are helicopter services required?	No

Primary Other Tower Expenses Not Listed

Tower Information not provided.

Primary	Add Tower			
Tower	Section	Question	Response	
	Existing Tower	Type of change	Modify Existing	
	Description	Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Is this tower consider Complex?	Terrain Constrained	
		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	No	
		Is tower documented for structural analysis?	Yes	
		Is tower compliant with Rev G?	No	
	Existing Tower	Do you have a tower registration number?	Yes	
	Structure Registration	ASR Number	1054538	
	Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	36° 25' 53.0" N-	
		Longitude (NAD83)	082° 08' 15.0" W-	
		Overall Structure Height	225.72 feet	
		Support Structure Height	169.29 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	4172.85 feet	
		Structure Type	TOWER - Free Standing or Guyed Structure	
		Tower Owner	HOLSTON VALLEY BROADCASTING CORPORATION	
		Date Constructed	10/01/1994	

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
27489	WTFM	FM
27504	WKPT-TV	DTV
27490	WOPI-CD	DTV
77676	WAPW-CD	DTV

Primary Tower Modification Costs

Tower

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

Primary Tower Rigging Costs

Tower	Section	Question	Response
	Tower Rigging Costs	Complex Tower	Terrain constrained
	Helicopter Services Required	Are helicopter services required?	No

Primary Tower	Other Tower Expenses Not Listed		
	Name	Description	
	Tower Rental	9 months rent to mount primary antenna on nearby tower for interim operation while tower is being modified	

Outside Professional	Section	Question	Response
	Il Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	8
		Explanation	To prepare and submit quarterly reports and special progress reports near the end of the phase
	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 Services	Prepare and file Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	No

	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	No
	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	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside	Other Professional Services Expenses Not Listed		
Professiona	Services Costs	Description	
	Other Engineering Services	Engineering services not included in any other Form 399 OPS section	

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)?	No
		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?	Yes
		Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses Not Listed

Expenses Information not provided.

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 EC701HP- BB	\$83,502.31	\$83,502.31		\$79,327.20	
UHF - Air Cooled Solid State Transmitter 0.85 kW	\$80,301.30	\$80,301.30	new Comark quote for one-step up transmitter because the existing transmitter has more than 10 pct headroom. Increased estimate 11 /22/18 to include sales tax	\$76,286.24	Sales Tax was added after the quote was accepted for the transmitter sale

Burk Arc Plus Touch	\$160.05	\$160.05	The prior entry for	N/A	N/A
V5			remote		
			control is		
			locked.		
			Adding this		
			item to		
			reflect the		
			difference.		
			The total		
			amount for		
			50% of the		
			remote		
			control		
			(shared		
			between		
			WAPK and		
			WKPT) will		
			total		
			\$3,201.02		
			by adding		
			this amount		
			of \$160.05.		
Remote	\$3,040.96	\$3,040.96	***System	\$3,040.96	The sub-
Control			Notice:		total is
Upgrade			Estimate		equal to
			adjusted		the
			and locked		Estimated
			because		Cost.
			line has		
			been		
			superseded.		
			***50 pct of		
			the cost to		
			upgrade the		
			Burk remote		
			Burk remote control to		
			Burk remote control to be		
			Burk remote control to be compatible		
			Burk remote control to be compatible with the		
			Burk remote control to be compatible with the new		
			Burk remote control to be compatible with the new Comark		
			Burk remote control to be compatible with the new Comark transmitters.		
			Burk remote control to be compatible with the new Comark transmitters. Increased		
			Burk remote control to be compatible with the new Comark transmitters. Increased to include		
			Burk remote control to be compatible with the new Comark transmitters. Increased to include shipping.		
			Burk remote control to be compatible with the new Comark transmitters. Increased to include		

Sub-total	\$83,502.31	\$83,502.31	N/A	\$79,327.20	N/A
Total for all systems	\$2,091,191.31	\$411,889.89	N/A	\$350,994.24	N/A

Actual Information Description	File Name	
UHF - Air Cooled Solid State Transmitter 0.85 kW	Component Description:	45% progress payment for
	Amount:	transmitter \$36,135.59
	Component Description:	50 pct down payment for new transmitter for
		WAPK
	Amount:	\$40,150.65
Burk Arc Plus Touch V5	Information not provided.	
Remote Control Upgrade		
	Component Description:	WAPK Share of
		50 pct down
		payment. See
		cover letter for
		rounding and
		splitting calculations
	Amount:	
	Amount:	\$1,600.51
	Component Description:	WAPK 50% share
		of 45% progress
		payment for
		shared remote
		control for WKPT
		and WAPK
	Amount:	\$1,440.45

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
Primary Antenna PSILP8-16	\$33,030.00	\$13,505.90		\$7,105.91	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, Class A One Station antenna basic	\$26,300.00	\$7,105.90	revised quote from PSI for new LP8 antenna. Price includes deliver.	\$7,105.91	Please note that the antenna make and model are the same on the quote and invoice (second line under description). The requested amount is 50% of the quote less shipping.
Sub-total	\$33,030.00	\$13,505.90	N/A	\$7,105.91	N/A
Total for all systems	\$2,091,191.31	\$411,889.89	N/A	\$350,994.24	N/A

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

UHF - Lower Power Side		
Mount, Class A One Station	Component Description:	Final Payment
antenna basic		for Primary
		Antenna
	Amount:	\$3,767.96
	Component Description:	Down Payment
	Component Description.	for Primary
		Antenna
	Amount:	\$3,337.95
		. ,

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	\$7,440.00	\$5,400.04		\$5,400.04	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$7,440.00	\$5,400.04	N/A	\$5,400.04	N/A
Primary Transmission Line	\$3,600.00	\$3,646.14		\$3,646.14	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$3,600.00	\$3,646.14	Total cost of TL includes \$414.34 delivery, which will not be entered into the Other Expenses category. This has caused the total to slightly exceed the Predetermined Cost.	\$3,646.14	N/A
Sub-total	\$11,040.00	\$9,046.18	N/A	\$9,046.18	N/A
Total for all systems	\$2,091,191.31	\$411,889.89	N/A	\$350,994.24	N/A

Actual Information	
Description	File Name

Flexible Foam Transmission				
Line - dielectric, 1 5/8"	Component Description:	Interim		
		Transmission Line.		
		See attached		
		Quote for WAPK-		
		CD		
	Amount:	\$5,400.04		
Flexible Foam Transmission				
Line - dielectric, 1 5/8"	Component Description:	Primary		
		Transmission Line.		
		See attached		
		Quote for WAPK		
	Amount:	\$3,646.14		

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	\$421,000.00	\$2,000.00		\$2,000.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$2,000.00	N/A	\$2,000.00	N/A
Primary Tower TOWER	\$1,492,350.00	\$277,353.50		\$236,933.10	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$37,935.50	N/A	\$27,531.90	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$232,668.00	N/A	\$209,401.20	N/A
Tower Rental	\$6,750.00	\$6,750.00	50 pct of cost to rent tower for 9 months shared with WKPT	N/A	N/A

Structural engineering tower load study for well documented tower	\$12,600.00	\$0.00	Included Equipment Movement	N/A	N/A
Sub-total	\$1,913,350.00	\$279,353.50	N/A	\$238,933.10	N/A
Total for all systems	\$2,091,191.31	\$411,889.89	N/A	\$350,994.24	N/A

Actual Information Description	File Name	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description:	One half cost of Balance due of tower Structural Analysis for WAPK
	Amount:	\$1,000.00
	Component Description:	One half share of down payment for tower structural analysis for WAPK
	Amount:	\$1,000.00

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description:	60 percent progress payment for tower modifications and rigging	
	Amount:	\$18,354.60	
	Component Description:	30 pct down payment of 50 pct of the cost for rigging and antennas line installation	
	Amount:	\$9,177.30	
Serious tower reinforcement /modifications	Component Description: Amount:	30 pct down payment for 50 pct of the cost for tower reinforcement modifications \$69,800.40	
	Component Description: Amount:	Construction services for tower modification and antenna line installation \$139,600.80	
Tower Rental	Information not provided.		
Structural engineering tower load study for well documented tower	Information not provided.		

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	\$35,719.00	\$20,232.00		\$11,686.25	
Other Engineering Services	\$10,000.00	\$10,000.00	Engineering services not included in any other OPS section	\$7,236.25	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$1,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$3,000.00	N/A	\$2,800.00	N/A
Project management of the transition	\$1,264.00	\$1,232.00	N/A	\$300.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$0.00	included in CP application costs	N/A	N/A

ASR modification (prepare FCC Form 854)	\$2,105.00	\$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$2,000.00	N/A	\$1,350.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,000.00	N/A	N/A	N/A
Sub-total	\$35,719.00	\$20,232.00	N/A	\$11,686.25	N/A
Total for all systems	\$2,091,191.31	\$411,889.89	N/A	\$350,994.24	N/A

Components

Actual Information	
Description	File Name

Other Engineering Services		
	Component Description:	RF design
		associated with a
		revised plan for the
		channel change
		leading to a 399
		amendment for
		WAPK
	Amount:	\$3,437.50
	Component Description:	FCC Technical
	-	portion of STA
		application for
		interim operation
	Amount:	, \$1,535.00
	Component Description:	399 Amendment
	Amount:	\$728.75
	Component Description:	FCC STA
		application to
		operate on Interim
		tower
	Amount:	\$1,535.00
Attorney Fees -Prepare and File FCC Form 2100	Information not provided.	
(main), License to Cover Application		
Attorney Fees - Prepare		
and File FCC Form 2100	Component Description:	Reimbursement for
(main), Construction		part of invoice
Permit Application		covering initial CP
		application July 6
		Form 2100
	Amount:	\$2,800.00
		Ψ_,000.00

Project management of the transition	Component Description: Amount:	FCC 387 progress report 2Q18 WAPK \$150.00
	Component Description: Amount:	Prog Rpt Form 387 3Q2018 \$150.00
Prepare and or review reimbursement form	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Information not provided.	
ASR modification (prepare FCC Form 854)	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Engineering for CP application main facility WAPK \$1,350.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	

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	\$14,550.00	\$6,250.00		\$4,895.60	
Equipment Delivery and Handling Charges	\$1,000.00	\$1,000.00	N/A	\$155.60	N/A
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	N/A	\$1,660.00	N/A
Develop and air announcement of upcoming channel change	\$0.00	\$0.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,250.00	N/A	\$3,080.00	N/A
Sub-total	\$14,550.00	\$6,250.00	N/A	\$4,895.60	N/A
Total for all systems	\$2,091,191.31	\$411,889.89	N/A	\$350,994.24	N/A

Components

Actual Information
Description File Name

Equipment Delivery and		
Handling Charges	Component Description:	50% share of gas fuel for Rental Truck for delivering repack equipment to the site. Shared with WKPT \$28.45
	Component Description:	50% share of rental truck to deliver repack equipment to the site. Shared with WKPT
	Amount:	\$127.15
MVPD Notification of Channel Change	Component Description:	Prepare and mail MVPD notifications
	Amount:	\$1,660.00
Develop and air announcement of upcoming channel change	Information not provided.	
DTV Medical Facility		
Notification	Component Description:	Prepare and mail Medical notifications
	Amount:	\$3,080.00

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,091,191.31	\$411,889.89	\$350,994.24

Reimbursem	entestiatus	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

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).
- 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.	Robert Gehman Consulting Engineer 11/22/2018

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).
- 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.

	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 thorized representative of the above- d applicant for the Authorization(s) ied above.	Robert Gehman Consulting Engineer
		11/22/2018

Attachments