

Federal Communications Commission

### (REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

F	acility	77677	Service: DCA	Call	WAPK-CD	Channel: 16 (UHF)
10	D:			Sign:		
F	ile	000002	6125			
Ν	lumber:					
F	RN: <b>000</b>	01770163	Date	07/08		
			Submitted:	/2019		

#### Applicant Name, Type, and Contact Information

### Applicant Information

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

Primary	Existing Transmitter Information				
Fransmitter	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?	Yes		
		Is this transmitter currently in operating condition?	Yes		
	Existing Transmitter	Manufacturer			
	Manufacturer and Type	Model	TAU 2- 5K00AA		
		Year	2003		
		Туре	Solid State		
		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	Section	Question	Response	
	New Transmitter	Use	Primary (Main)	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Manufacturer		
		Model	EC702HP- BB	
		Transmitter Type	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power capacity	1.5 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)	No	
		Transformer (480V)	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 Line Manufacturer and Type	Manufacturer		
		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 Costs	Use	Interim	
		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 Description	Type of change	Move Equipment	
		Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Leased	
		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	1042697	
	Coordinates (NAD83 (	Latitude (NAD83)	36° 25' 54.7" N-	
	North American Datum of 1983))	Longitude (NAD83)	082° 08' 15.2" W-	
		Overall Structure Height	228.02 feet	
		Support Structure Height	174.21 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	4159.07 feet	

	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	Nexstar Broadcasting, Inc.
	Date Constructed	02/26/2015

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
57826	WJHL-TV	DTV

# Primary Tower Rigging Costs

Tower

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

Name	Description
Tower Lease	Rent for 7 months use of tower for WAPK interim antenna
Pipe to pipe clamps	Clamps to mount existing antenna on Interim tower

Primary	Add Tower			
Tower	Section	Question	Response	
	Existing Tower Description	Type of change	Modify Existing	
		Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Is this tower consider Complex?	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 Structure Registration	Do you have a tower registration number?	Yes	
		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
27504	WKPT-TV	DTV
77676	WAPW-CD	DTV
27489	WTFM	FM
27490	WOPI-CD	DTV

## Primary Tower Modification Costs

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?	Yes

# Primary Other Tower Expenses Not Listed

Tower

Tower

Information not provided.

Outside	Section	Question	Response
Professional	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	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	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		
Professional	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)?	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?	Yes
		Does this relocation require MVPD Notification of a Channel Change?	Yes

### Other Expenses Not Listed

Other Expenses

Name	Description
Electrical	Electrical
FCC License to Cover Filing Fee	FCC License to Cover Filing Fee
Site Earth Work	Station states 'We may need our tower site graded to remove the ruts and sow grass. There is hardly any grass left since we were working thru winter, with backhoe burying the electrical line and the trucks have made the ground difficult to walk on now.'

### 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 EC702HP- BB	\$205,487.26	\$83,828.13		\$83,828.12	
Burk Arc Plus Touch V5	\$160.05	\$160.05	The prior entry for 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.	\$160.04	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$4,340.87	Transmitter and Electrical Supplies	\$4,340.87	x

Remote	\$3,040.97	\$3,040.97	***System	\$3,040.97	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		
			control to		
			be		
			compatible		
			with the		
			new		
			Comark		
			transmitters.		
			Increased		
			to include		
			shipping.		
			See Invoice		
			S10288-1.		

UHF - Air Cooled Solid State Transmitter 0.85 kW	\$76,286.24	\$76,286.24	***System Notice: Estimate adjusted and locked because line has been superseded. ****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
Sub-total	\$205,487.26	\$83,828.13	N/A	\$83,828.12	N/A
Total for all systems	\$2,267,136.63	\$496,040.93	N/A	\$424,054.38	N/A

Actual Information Description	File Name	
Burk Arc Plus Touch V5		
	Component Description:	Final payment for
		remote control
		upgrade; cost split
		between WAPK
		and WKPT
	Amount:	\$160.04

UHF - Air Cooled Solid State		
Transmitter 1 - 2.5 kW	<b>Component Description:</b>	50% split for
		Transmitter
		Electrical
		Supplies for
		WAPK and WKPT
	Amount:	\$263.98
	Component Description:	Transmitter
		electric supplies
	Amount:	\$3.40
	Component Description:	Transmitter
	Amount:	electric supplies \$58.43
	Anount.	ф <b>00.</b> <del>4</del> 0
	Component Description:	Final payment for
		new transmitter
	Amount:	\$4,015.06
Remote Control Upgrade		
	Component Description:	WAPK 50% share
		of 45% progress
		payment for
		shared remote
		control for WKPT
		and WAPK
	Amount:	\$1,440.46
	Component Description:	WAPK Share of
	component Description:	50 pct down
		payment. See cover letter for
		rounding and splitting
		calculations
	Amount:	\$1,600.51
	Amount.	φ1,000.51

UHF - Air Cooled Solid State Transmitter 0.85 kW	Component Description:	45% progress payment for transmitter
	Amount:	\$36,135.59
	Component Description:	50 pct down payment for new transmitter for
	Amount:	WAPK \$40,150.65

### 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	\$13,820.82		\$7,420.82	
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	\$7,420.82	revised quote from PSI for new LP8 antenna. Price includes deliver. 3- 14-19 added elbow for antenna connection.	\$7,420.82	Please note that the antenna make and model are the same on the quote and invoice (second line under description).
Sub-total	\$33,030.00	\$13,820.82	N/A	\$7,420.82	N/A
Total for all systems	\$2,267,136.63	\$496,040.93	N/A	\$424,054.38	N/A

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

Component Description: Amount:	Down Payment for Primary Antenna \$3,337.95
Component Description:	Elbow for primary antenna, including tax and freight
Amount:	\$314.92
Component Description:	Final Payment for Primary Antenna
Amount:	\$3,767.95
Component Description:	PSI inv #1940 Final Payment for Primary Antenna UL20190429jgv2
Amount:	\$3,767.95
Component Description:	PSI inv #1940DP Down Payment for
Amount:	Primary Antenna UL20190429jgv2 \$3,337.95
	Amount: Component Description: Amount: Component Description: Amount: Component Description:

### **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	\$5,667.34		\$5,667.34	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$7,440.00	\$5,667.34	N/A	\$5,667.34	x
Primary Transmission Line	\$3,600.00	\$3,826.94		\$3,736.54	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$3,600.00	\$3,826.94	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.	\$3,736.54	N/A
Sub-total	\$11,040.00	\$9,494.28	N/A	\$9,403.88	N/A
Total for all systems	\$2,267,136.63	\$496,040.93	N/A	\$424,054.38	N/A

Actual Information	
Description	File Name

Flexible Foam Transmission Line dielectric, 1 5/8"

### **Component Description:** items needed to clean, prepare and install brass ends on the transmission lines \$48.30 Amount: **Component Description:** items needed to clean, prepare and install brass ends on the transmission lines Amount: \$10.32 **Component Description:** Interim Transmission Line. See attached Quote for WAPK-CD \$5,400.04 Amount: **Component Description:** Tie straps to attach Transmission line to tower Amount: \$79.92 **Component Description:** Clamps to hang Transmission line Amount: \$26.82 **Component Description:** items needed to clean, prepare and install brass ends on the transmission lines \$23.36 Amount:

	Component Description: Amount:	items needed to clean, prepare and install brass ends on the transmission lines \$28.02
	Component Description: Amount:	Components to clean, prep, install Line ends \$50.56
Flexible Foam Transmission Line - dielectric, 1 5/8"	Component Description:	Fastenal TNKIN221074 v190514pmv1
	Amount:	\$18.07
	Component Description:	Fastenal TNKIN220902
	Amount:	v190514pmv1 \$72.33
	Component Description:	Primary Transmission Line. See attached
	Amount:	Quote for WAPK \$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 GTOWER	\$438,011.60	\$33,907.92		\$15,685.67	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$16,896.32	The Invoice herein and Quote is for hanging and then removing the WKPT, WAPK and WTFM temporary antennas on the WJHL adjacent tower to the permanent WKPT / WAPK / WTFM tower	\$6,896.32	N/A
Pipe to pipe clamps	\$344.94	\$344.94	N/A	\$344.94	N/A
Tower Lease	\$16,666.66	\$16,666.66	Rent for 7 months through Phase 2 for WAPK interim antenna	\$8,444.41	N/A
Primary Tower TOWER	\$1,505,600.00	\$296,484.01		\$269,139.51	

Serious tower reinforcement /modifications	\$1,052,000.00	\$235,798.51	See submitted Invoices & Quotes.	\$235,798.51	x
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$37,935.50	N/A	\$30,591.00	N/A
Tower Helicopter Lift	\$20,000.00	\$20,000.00	The station states "We have an email from the FCC approving this."	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$2,750.00	SA for Interim Leased Tower shared between WAPK and WKPT	\$2,750.00	N/A
Sub-total	\$1,943,611.60	\$330,391.93	N/A	\$284,825.18	N/A
Total for all systems	\$2,267,136.63	\$496,040.93	N/A	\$424,054.38	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
	Amount:	Analysis for WAPK \$1,000.00
	Component Description:	One half share of down payment for tower structural
	Amount:	analysis for WAPK \$1,000.00
	Component Description:	FDH inv #E-177456 Install and remove temp ants on WJHL tower pmt 1 UL20190424jgv1
	Amount:	\$2,448.16
	Component Description:	FDH inv #E-184004 Install and remove temp ants on WJHL tower pmt 2 UL20190424jgv1
	Amount:	\$2,448.16
Pipe to pipe clamps		
	Component Description:	Pipe-to-pipe clamps for interim antenna mount on interim tower
	Amount:	\$344.94

Component Description:	Monthly payment for tower rent for WAPK interim
Amount:	antenna \$1,666.66
Component Description:	WJHL inv #6 Share of Interim Tower rent pmt 6
Amount:	UL20190424jgv1 \$111.11
Component Description:	Monthly tower rent payment for WAPK interim antenna
Amount:	\$1,666.66
Component Description:	WAPK share of Tower Rent Payment 3
Amount:	\$1,666.66
Component Description:	Lease payment for tower space for interim antennas
Amount:	\$1,666.66
Component Description:	Share of Interim Tower rent \$1,666.66

Tower Lease

Serious tower reinforcement/modifications	Component Description: Amount:	Dug 110 ft ditch to bury overhead electrical lines \$3,000.00
	Component Description: Amount:	FDH E-186832 v190702jgv1 \$23,266.80
	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
	Component Description: Amount:	Kendall S107883800.001 v190514pmv1 \$57.04
	Component Description: Amount:	Kendall S107865256.001 v190514pmv1 \$73.47

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: Amount:	FDH E-186832 v190702jgv1 \$3,059.10
	Component Description: Amount:	60 percent progress payment for tower modifications and rigging \$18,354.60
	Component Description:	30 pct down payment of 50 pct of the cost for rigging and antennas line installation \$9,177.30
Tower Helicopter Lift	Information not provided.	
Structural engineering tower load study for well documented tower	Component Description: Amount:	50% split of 50% down payment for Interim Tower structural Analysis \$1,375.00
	Component Description:	50% split of final 50% payment for Interim Tower structural Analysis
	Amount:	\$1,375.00

## **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	\$48,294.00	\$41,132.00		\$26,780.33	
Prepare and or review reimbursement form	\$2,630.00	\$10,000.00	See attached invoices, plus the anticipated costs of preparation and submission of the remaining actual cost invoices and potential 399 amendments by KGA.	\$7,757.00	N/A
Other Engineering Services	\$16,790.00	\$16,790.00	Engineering services not included in any other OPS section	\$11,790.00	add
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$275.00	N/A	\$183.33	N/A

ASR modification (prepare FCC Form 854)	\$2,105.00	\$1,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,585.00	N/A	\$550.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$1,000.00	N/A	\$350.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$3,750.00	See attached invoices and quotes (if applicable).	\$3,150.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,000.00	N/A	\$300.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$2,000.00	N/A	\$1,950.00	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
Project management of the transition	\$1,264.00	\$1,232.00	N/A	\$750.00	N/A
Sub-total	\$48,294.00	\$41,132.00	N/A	\$26,780.33	N/A
Total for all systems	\$2,267,136.63	\$496,040.93	N/A	\$424,054.38	N/A

# Components

Actual Information Description	File Name	
Prepare and or review reimbursement form	Component Description: Amount:	KGA 964-66 v190708jgv1 \$95.00
	Component Description: Amount:	KGA 964-62 v190610pmv1 \$2,597.50
	Component Description: Amount:	KGA 964-61 v190524jgv1 \$150.00
	Component Description:	KGA inv #964-40 AC invs RG Feb 2019 UL20190409jgv1
	Amount:	\$1,450.00

	Component Description: Amount:	KGA 964-57 v190513pmv1 \$2,414.50
	Component Description:	KGA inv #964-46 AC invs JG Mar 2019
	Amount:	UL20190409jgv1 \$150.00
	Component Description:	KGA inv #964-54 AC invs RG Mar 2019 UL20190422jgv1
	Amount:	\$850.00
	Component Description:	KGA inv #964-47 AC invs JG Nov 2018 UL20190409jgv1
	Amount:	\$50.00
Other Engineering Services		
Cher Engineering Cervices	Component Description:	Amend 399 for
	Component Description: Amount:	Amend 399 for WAPK \$265.00
		WAPK
	Amount: Component Description:	WAPK \$265.00 399 Amendment

Component Description: Amount:	Delawder 5272 v190521jgv2 \$150.00
Component Description: Amount:	FCC Technical portion of STA application for interim operation \$1,535.00
Component Description:	FCC STA application to operate on Interim tower
Amount: Component Description:	\$1,535.00 Prepare and submit
Amount:	ACI Actual Cost Invoices \$1,500.00
Component Description: Amount:	Repack engineering services for November 2018 \$609.50
Component Description: Amount:	Prepare and submit actual cost invoices \$3,564.25

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Component Description:	Prep and file FAA 7460-1; cost split between WAPK an WKPT
	Amount:	\$275.00
	Component Description:	KGA inv #964-34 FAA for WAPK- WKPT-WOPI
	Amount:	UL20190424jgv2 \$183.33
ASR modification (prepare FCC Form 854)	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Component Description:	STA for repack station WAPK
	Amount:	interim operation or tower leased from WJHL \$550.00
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover	Component Description:	DJK 864 v190513pmv1
Application	Amount:	\$350.00
Attorney Fees - Prepare and File FCC Form 2100		
(main), Construction Permit Application	Component Description:	Reimbursement for part of invoice covering initial CP application July 6
	Amount:	Form 2100 \$2,800.00
	Component Description:	DJK 864 v190513pmv1
	Amount:	\$350.00

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	Delawder 5272 v190521jgv2 \$300.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Engineering for Cl application main facility WAPK
	Amount:	\$1,350.00
	Component Description:	Delawder 5272 v190521jgv2
	Amount:	\$600.00
Perform engineering study for new channel assignment and antenna development	Information not provided.	

the transition		Dran and autors!
	Component Description:	Prep and submit
		Form 387 for 10
		weeks prior to
		transition
	Amount:	\$150.00
	Component Description:	Prog Rpt Form 38
		3Q2018
	Amount:	\$150.00
	Component Description:	Progress Report
		4Q18
	Amount:	\$150.00
	Component Description:	KGA inv #964-53
		Form 387 2019 Q
		UL20190429jgv1
	Amount:	\$150.00
	Component Description:	FCC 387 progress
		report 2Q18 WAPI
	Amount:	\$150.00

## **Other Expenses**

## Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$25,673.77	\$17,373.77		\$11,796.05	
Site Earth Work	\$5,000.00	\$5,000.00	Station states 'We may need our tower site graded to remove the ruts and sow grass. There is hardly any grass left since we were working thru winter, with backhoe burying the electrical line and the trucks have made the ground difficult to walk on now.'	N/A	N/A
FCC License to Cover Filing Fee	\$335.00	\$335.00	FCC License to Cover Filing Fee	\$335.00	N/A

MVPD Notification of Channel Change	\$2,190.00	\$2,190.00	The station needed to re-send its MVPD notifications to specify the actual Transition date instead of just "Phase 2".	\$2,190.00	N/A
Develop and air announcement of upcoming channel change	\$0.00	\$0.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$1,000.00	\$1,000.00	N/A	\$823.83	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$500.00	\$500.00	Estimate is to cover rental truck, rental truck fuel and landfill fee for disposal of old station equipment replaced by new Repack equipment.	\$268.45	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,250.00	N/A	\$3,080.00	N/A
Electrical	\$5,0 <b>98</b> .77	\$5,098.77	This expense is for electrical work.	\$5,098.77	N/A

Total for all	\$2,267,136.63	\$496,040.93	N/A	\$424,054.38	N/A
systems					

## Components

Actual Information Description	File Name	
Site Earth Work	Information not provided.	
FCC License to Cover Filing Fee	Component Description: Amount:	FCC inv #0000070481 Lic to Cover filing fee WAPK UL20190410jgv1 \$335.00
MVPD Notification of Channel Change	Component Description: Amount:	Prepare and mail MVPD notifications \$1,660.00
	Component Description: Amount:	KGA inv #964-39 Revised MVPD notifications resent UL20190326jgv1 \$530.00
Develop and air announcement of upcoming channel change	Information not provided.	

Equipment Delivery and Handling Charges	Component Description:	Stone for road bed, to enable site access
	Amount:	\$531.36
	Component Description:	50% share of gas fuel for Rental Truck for delivering repack equipment to the site. Shared with WKPT
	Amount:	\$28.45
	Component Description:	Pallet jack for moving equipment during installation and removal
	Amount:	\$136.87
	Component Description:	50% share of rental truck to deliver repack equipment to the site. Shared with WKPT
	Amount:	\$127.15

equipment and other waste, net of any salvage value)	Component Description:	Penske inv #68476213 Truck rental for WAPK WKPT disposal v190430jgv1
	Amount:	\$91.58
	Component Description:	Shell inv #906403 Fuel for rented WAPK WKPT disposal truck v190430jgv1
	Amount:	\$19.50
	Component Description:	Kingsport 80754 v190514pmv1
	Amount:	\$10.24
	Component Description:	Landfill inv #7590 Landfill fee for WAPK WKPT
	Amount:	disposed material v190430jgv1 \$20.64
	Component Description:	Penske 69754331 v190514pmv1
	Amount:	\$108.49
	Component Description:	GasNGo 64592 v190514pmv1
	Amount:	\$18.00
DTV Medical Facility Notification		<b>5</b>
	Component Description:	Prepare and mail Medical notificatio

Electrical		
	Component Description:	E Electric inv
		#201904162019
		Electrical work
		UL20190422jgv1
	Amount:	\$5,098.77

Cost	Grand Total				
Information		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$2,267,136.63	\$496,040.93	\$424,054.38	

Reimbursem	enrestanus	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.	
		<ol> <li>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.</li> </ol>	
		2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	
		3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

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

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	Jeffrey C Gehman Engineering Associate 07/08/2019

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).	
		<ol> <li>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.</li> </ol>	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

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

	<ul> <li>The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</li> <li>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.</li> </ul>	
an au name	lare, under penalty of perjury, that I am uthorized representative of the above- ed applicant for the Authorization(s) ified above.	Jeffrey C Gehman Engineering Associate
		07/08/2019

### Attachments