

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 77677 Service: DCA Call WAPK-CD Channel: 16 (UHF)

05/14

Sign:

Number:

ID:

File

FRN: **0001770163** Date

0000026125

Submitted: /2019

Applicant Information

Applicant Name, Type, and Contact 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 Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email

The Preparer is same as the reimbursement contact.

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.	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 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?	Yes
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	TAU 2- 5K00AA
	Year	2003
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1 kW

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

Facility ID	Call Sign
27504	WKPT-TV

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	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.

Primary Transmitter

Other Transmitter Costs

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 Transmitter

Other Transmitter Cost Not Listed

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 Related Expenses	Do you have antenna related expenses?	Yes

Existing Antenna Information

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	Class	Class A
Manufacturer and Type	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

New Antenna Costs

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	Class	Class A
Manufacturer and Types	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
new antenna because they are channel specific and we are moving from 36 to
16.

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	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

Other Antenna Cost Not Listed

Information not provided.

Transmission ^{Seffien}	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

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

New Transmission Line Primary Transmission Line Section

a 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.

Other Transmission Line Expenses Not Listed

Primary
Transmission of provided.

Interim

New Transmission Line

Transmission	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 loine tion not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	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	Do you have a tower registration number?	Yes
Structure Registration	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

Tower Rigging Costs

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

Primary Tower

Add Tower

Section	Question	Response
Existing Tower Description	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 Structure	Do you have a tower registration number?	Yes
Registration	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
27504	WKPT-TV	DTV
77676	WAPW-CD	DTV
27489	WTFM	FM
27490	WOPI-CD	DTV

Primary Tower

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

Tower Rigging Costs

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

Information not provided.

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	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	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No

	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	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 Professional

Other Professional Services Expenses Not Listed

II Services Costs	Description
Other Engineering Services	Engineering services not included in any other Form 399 OPS section

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?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

Other Expenses Not Listed

Name	Description
FCC License to Cover Filing Fee	FCC License to Cover Filing Fee
Electrical	Electrical

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 EC702HP- BB	\$205,487.26	\$83,828.13		\$83,828.12	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$4,340.87	Transmitter and Electrical Supplies	\$4,340.87	X
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

Remote Control Upgrade	\$3,040.97	\$3,040.97	***System Notice: Estimate adjusted and locked because line has been superseded. ***50 pct of the cost to upgrade the Burk remote control to be compatible with the new Comark transmitters. Increased	\$3,040.97	The subtotal is equal to the Estimated Cost.
			shipping. See Invoice S10288-1.		

UHF - Air Cooled	\$76,286.24	\$76,286.24	***System Notice:	\$76,286.24	Sales Tax
Solid State			Estimate		after the
Transmitter			adjusted		quote was
0.85 kW			and locked		accepted
			because		for the
			line has		transmitter
			been		sale
			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		
Sub-total	\$205,487.26	\$83,828.13	N/A	\$83,828.12	N/A
Total for all systems	\$2,237,136.63	\$447,824.92	N/A	\$394,885.98	N/A

Components

Actual Information	
Description	File Name

UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description: Amount:	Final payment for new transmitter \$4,015.06
	Component Description:	Transmitter electric supplies
	Amount:	\$3.40
	Component Description:	50% split for Transmitter Electrical Supplies for WAPK and WKPT
	Amount:	\$263.98
	Component Description: Amount:	Transmitter electric supplies \$58.43
Burk Arc Plus Touch V5	Component Description:	Final payment for
	Amount:	remote control upgrade; cost split between WAPK and WKPT \$160.04

Remote Control Upgrade		
	Component Description:	WAPK Share of
		50 pct down
		payment. See
		cover letter for
		rounding and
		splitting
		calculations
	Amount:	\$1,600.51
	Component Description:	WAPK 50% share
	25	of 45% progress
		payment for
		shared remote
		control for WKPT
		and WAPK
	Amount:	\$1,440.46
JHF - Air Cooled Solid State		
Transmitter 0.05 kvv	Component Description:	45% progress
		payment for
		transmitter
	Amount:	\$36,135.59
	Component Description:	50 pct down
		payment for new
		transmitter for
		WAPK
	Amount:	\$40,150.65

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna PSILP8-16	\$33,030.00	\$13,820.82		\$7,420.82	
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).
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$33,030.00	\$13,820.82	N/A	\$7,420.82	N/A
Total for all systems	\$2,237,136.63	\$447,824.92	N/A	\$394,885.98	N/A

Components

Actual Information			
Description	File Name		

UHF - Lower Power Side Mount, Class A One Elbow for primary **Component Description:** Station antenna -- basic antenna, including tax and freight \$314.92 Amount: Final Payment for **Component Description:** 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 Primary Antenna UL20190429jgv2 Amount: \$3,337.95 **Component Description:** Down Payment for Primary Antenna Amount: \$3,337.95

Information not provided.

Sweep test of existing

antenna

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost
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	х
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	\$2,237,136.63	\$447,824.92	N/A	\$394,885.98	N/A

Components

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

Amount: \$48.30

Component Description: items needed to

clean, prepare and install brass ends

on the

transmission lines

Amount: \$10.32

Component Description: Tie straps to attach

Transmission line

to tower

Amount: \$79.92

Component Description: items needed to

clean, prepare and install brass ends

on the

transmission lines

Amount: \$23.36

Component Description: Clamps to hang

Transmission line

Amount: \$26.82

Component Description: Components to

clean, prep, install

Line ends

Amount: \$50.56

Component Description: Interim

Transmission Line. See attached Quote for WAPK-

CD

Amount: \$5,400.04

Component Description: items needed to

clean, prepare and install brass ends

on the

transmission lines

Amount: \$28.02

Flexible Foam
Transmission Line dielectric, 1 5/8"

Component Description: Fastenal

TNKIN221074

v190514pmv1 \$18.07

Fastenal

Amount:

Component Description:

TNKIN220902

v190514pmv1

Amount: \$72.33

Component Description: Primary

Transmission Line.
See attached

Quote for WAPK

Amount: \$3,646.14

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$1,485,600.00	\$273,353.50		\$242,813.61	
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	\$212,531.71	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
Primary Tower GTOWER	\$438,011.60	\$23,907.92		\$15,685.67	

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$6,896.32	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
Tower Lease	\$16,666.66	\$16,666.66	Rent for 7 months through Phase 2 for WAPK interim antenna	\$8,444.41	N/A
Pipe to pipe clamps	\$344.94	\$344.94	N/A	\$344.94	N/A
Sub-total	\$1,923,611.60	\$297,261.42	N/A	\$258,499.28	N/A
Total for all	\$2,237,136.63	\$447,824.92	N/A	\$394,885.98	N/A

Components

Actual Information	
Description	File Name

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: Dug 110 ft ditch to

bury overhead electrical lines

Amount: \$3,000.00

Component Description: Kendall

S107883800.001 v190514pmv1

Amount: \$57.04

Component Description: Kendall

S107865256.001

v190514pmv1

Amount: \$73.47

Component Description: Construction

services for tower modification and antenna line installation

Amount: \$139,600.80

Component Description: 30 pct down

payment for 50 pct of the cost for tower reinforcement modifications

Amount: \$69,800.40

Structural engineering tower load study for well **Component Description:** 50% split of 50% documented tower down payment for Interim Tower structural Analysis Amount: \$1,375.00 **Component Description:** 50% split of final 50% payment for Interim Tower structural Analysis Amount: \$1,375.00 Complex Tower (includes, for example, those with **Component Description:** FDH inv #E-177456 candelabras and/or Install and remove stacked antennas) temp ants on WJHL tower pmt 1 UL20190424jgv1 Amount: \$2,448.16 **Component Description:** One half cost of Balance due of tower Structural Analysis for WAPK Amount: \$1,000.00 **Component Description:** FDH inv #E-184004 Install and remove temp ants on WJHL tower pmt 2 UL20190424jgv1 Amount: \$2,448.16 One half share of **Component Description:** down payment for tower structural analysis for WAPK

Amount:

\$1,000.00

ower Lease		
	Component Description:	Monthly payment
		for tower rent for
		WAPK interim
		antenna
	Amount:	\$1,666.66
	Component Description:	Lease payment for
		tower space for
		interim antennas
	Amount:	\$1,666.66
	Component Description:	WJHL inv #6 Share
		of Interim Tower
		rent pmt 6
		UL20190424jgv1
	Amount:	\$111.11
	Component Description:	Monthly tower rent
		payment for WAPK
		interim antenna
	Amount:	\$1,666.66
	Component Description:	Share of Interim
	Component Description.	Tower rent
	Amount:	\$1,666.66
	Amount.	φ1,000.00
	Component Description:	WAPK share of
		Tower Rent
		Payment 3
	Amount:	\$1,666.66
ne to nine clamps		
pe to pipe clamps	Component Description:	Pipe-to-pipe clamps
	2 2 3 3 3 4 4 5 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	for interim antenna
		mount on interim
		tower
	Amount:	\$344.94
		WC IT.UT

Cost Information

Outside Professional Services

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

Description Outside Professional Services	Predetermined Cost Estimate \$43,294.00	Estimated Cost \$31,046.50	Estimated Cost Justification	Actual Cost \$23,937.83	Actual Cost Justification
Other Engineering Services	\$11,790.00	\$11,790.00	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
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
Prepare and or review reimbursement form	\$2,630.00	\$4,914.50	See attached invoices.	\$4,914.50	N/A
Project management of the transition	\$1,264.00	\$1,232.00	N/A	\$750.00	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
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,585.00	N/A	\$550.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$1,500.00	N/A	N/A	N/A
Sub-total	\$43,294.00	\$31,046.50	N/A	\$23,937.83	N/A
Total for all systems	\$2,237,136.63	\$447,824.92	N/A	\$394,885.98	N/A

Components

Actual Information Description	File Name	
Other Engineering Services	Component Description:	Repack engineering services for November 2018
	Amount:	\$609.50
	Component Description: Amount:	399 Amendment \$728.75
	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:	Delawder 5272 v190513pmv1
	Amount:	\$150.00
	Component Description:	FCC Technical portion of STA application for interim operation
	Amount:	\$1,535.00
	Component Description:	FCC STA application to operate on Interim tower
	Amount:	\$1,535.00

Component Description: Prepare and submit

ACI Actual Cost

Invoices

Amount: \$1,500.00

Component Description: Prepare and submit

actual cost invoices

Amount: \$3,564.25

Component Description: Amend 399 for

WAPK

Amount: \$265.00

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 and

WKPT

Amount: \$275.00

Component Description: KGA inv #964-34

FAA for WAPK-WKPT-WOPI UL20190424jgv2

Amount: \$183.33

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application

Component Description: DJK 864

v190513pmv1

Amount: \$350.00

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	DJK 864 v190513pmv1 \$350.00
	Component Description: Amount:	Reimbursement for part of invoice covering initial CP application July 6 Form 2100 \$2,800.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	Delawder 5272 v190513pmv1 \$300.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Engineering for CP application main facility WAPK \$1,350.00
	Component Description: Amount:	Delawder 5272 v190513pmv1 \$600.00

Prepare and or review reimbursement form

Component Description: KGA inv #964-40

AC invs RG Feb

2019

UL20190409jgv1

Amount: \$1,450.00

Component Description: KGA 964-57

v190513pmv1

Amount: \$2,414.50

Component Description: KGA inv #964-47

AC invs JG Nov

2018

UL20190409jgv1

Amount: \$50.00

Component Description: KGA inv #964-46

AC invs JG Mar

2019

UL20190409jgv1

Amount: \$150.00

Component Description: KGA inv #964-54

AC invs RG Mar

2019

UL20190422jgv1

Amount: \$850.00

Project management of		
the transition	Component Description:	KGA inv #964-53
		Form 387 2019 Q1
	Amount:	UL20190429jgv1 \$150.00
	Amount.	\$130.00
	Component Description:	FCC 387 progress
		report 2Q18 WAPK
	Amount:	\$150.00
	Component Description:	Prog Rpt Form 387
		3Q2018
	Amount:	\$150.00
	Component Description:	Progress Report
		4Q18
	Amount:	\$150.00
	Component Description:	Prep and submit
		Form 387 for 10 weeks prior to
		transition
	Amount:	\$150.00
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Attorney Fees - Prepare		
and File request for	Component Description:	STA for repack
Special Temporary Authorization		station WAPK
. 14110112411011		interim operation on
		tower leased from
	Amount:	WJHL \$550.00
	Amount.	φυσυ.υυ
ASR modification (prepare FCC Form 854)	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	Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$20,673.77	\$12,373.77		\$11,796.05	
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
Electrical	\$5,098.77	\$5,098.77	This expense is for electrical work.	\$5,098.77	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

DTV Medical Facility Notification	\$11,550.00	\$3,250.00	N/A	\$3,080.00	N/A
Equipment Delivery and Handling Charges	\$1,000.00	\$1,000.00	N/A	\$823.83	N/A
Develop and air announcement of upcoming channel change	\$0.00	\$0.00	N/A	N/A	N/A
Sub-total	\$20,673.77	\$12,373.77	N/A	\$11,796.05	N/A
Total for all systems	\$2,237,136.63	\$447,824.92	N/A	\$394,885.98	N/A

Components

Actual Information	
Description	File Name

Disposal Costs (for equipment and other waste, net of any salvage value)

Component Description: GasNGo 64592

v190514pmv1

Amount: \$18.00

Penske 69754331

v190514pmv1

Amount: \$108.49

Component Description:

Component Description: Kingsport 80754

v190514pmv1

Amount: \$10.24

Component Description: Penske inv

#68476213 Truck rental for WAPK WKPT disposal v190430jgv1

Amount: \$91.58

Component Description: Shell inv #9064031

Fuel for rented WAPK WKPT disposal truck v190430jgv1

Amount: \$19.50

Component Description: Landfill inv #75908

Landfill fee for WAPK WKPT disposed materials

v190430jgv1

Amount: \$20.64

Electrical

Component Description: E Electric inv

#201904162019 Electrical work UL20190422jgv1

Amount: \$5,098.77

FCC License to Cover Filing Fee	Component Description:	FCC inv #0000070481 Lic to Cover filing fee
	Amount:	WAPK UL20190410jgv1 \$335.00
MVPD Notification of		
Channel Change	Component Description:	KGA inv #964-39
		Revised MVPD
		notifications resent
		UL20190326jgv1
	Amount:	\$530.00
	Component Description:	Prepare and mail
		MVPD notifications
	Amount:	\$1,660.00
DTV Medical Facility Notification		
vouilcation	Component Description:	Prepare and mail
		Medical notifications
	Amount:	\$3,080.00

Equipment Delivery and		
Handling Charges	Component Description:	Stone for road bed,
		to enable site
		access
	Amount:	\$531.36
	Component Description:	Pallet jack for
		moving equipment
		during installation
		and removal
	Amount:	\$136.87
	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:	50% share of rental
		truck to deliver
		repack equipment
		to the site. Shared
		with WKPT
	Amount:	\$127.15
	Information not provided.	

announcement of

upcoming channel change

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,237,136.63	\$447,824.92	\$394,885.98

Reimbursem	entestatus	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. Jeffrey C Gehman Engineering Associate

05/14/2019

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. Jeffrey C Gehman Engineering Associate

05/14/2019

Attachments