Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **27504** | Service: **DTV** | Call Sign: **WKPT-TV** | Channel: **32 (UHF)**

File Number: **0000026143**

FRN: **0001770163** | Date Submitted: **04/22/2019**

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 STREET KINGSPORT, TN 37660 United States	+1 (423) 723-6134	davidw@wtfm.com	Corporation

Reimbursement Contact Information

Reimbursement Contact Name and 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	To keep our current channels on the air while we build our new assigned channels we will have to remove the old 65.5 foot UHF analog antenna replacing it with a 65.5 pole to have room for the new antennas for channel 16 & 36, since our tower is full.

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
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	4 kW

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

Facility ID	Call Sign
77677	WAPK-CD

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	EC708HP-BB
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	7 kW
	Justification for New Transmitter	We need to keep our existing channel 27 operation on the air while we build our new channel 32 facility. Our existing transmitter will not produce the power needed to feed our new channel 32 antenna system. It will only produce 4kW of digital power.

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
	Type	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
Remote Control Upgrade	Upgrade Burk remote control to be compatible with new Comark transmitter

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

Auxiliary Antenna

Add Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Emergency backup low power Antenna
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	No
	Is this antenna directional?	No
	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	Full Power
	Mounting	Side Mount
	Antenna position in stack	Middle
	Polarization	Horizontal
	Type	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	Para-slot

ERP: (Effective Radiated Power)	13.8 kW
Manufacturer	
Model	SCA-SL8CH27
Year	2000

Auxiliary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Emergency low power backup antenna
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Bottom
	Polarization	Circular
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	13.8 kW

	Manufacturer	
	Model	SCA-SL8CH32
	Year	2017
	Justification for New Antenna	It is a channel specific antenna and our current emergency backup antenna will not work on our new assigned channel,

Auxiliary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	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?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Auxiliary Antenna

Other Antenna Cost Not Listed

Information not provided.

Primary Antenna

Add 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 this antenna currently shared with any other stations?	No
	Is this 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	Full Power
	Mounting	Side Mount
	Antenna position in stack	Middle
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	16
	Design power capacity in use	100.0 %
	Lower Limit	548.00 MHz
	Upper Limit	554.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	200.0 kW

Manufacturer	
Model	TLP-16E
Year	2005

Primary Antenna

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 Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels/Bays	16
	Lower Limit	578.00 MHz
	Upper Limit	584.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	222.0 kW
	Manufacturer	
	Model	TLP-16E

	Year	2017
	Justification for New Antenna	Our new assigned channel is 32. We need a new antenna because our existing antenna is not multiple channel, plus we need to keep channel 27 on the air while we build channel 32.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Type	
	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?	Yes

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Auxiliary Transmission Line

Add Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	Backup
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Unknown
	Type	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	158 feet per run

Auxiliary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Primary Transmission Line

Existing Transmission 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	
	Type	Flexible Air
	Diameter	3 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	150 feet per run

Primary Transmission Line

New Transmission 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
	Type	Flexible Air
	Diameter	3 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	250 feet per run
	Justification for New Transmission Line	We need a new antenna installed and operating while our existing station is on the air. The mounting position of the new antenna and the proximity of the new transmitter requires additional length of transmission line.

Primary Transmission Line	Other Transmission Line Expenses Not Listed
	Information not provided.

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Flexible Air
	Diameter	3 inches
	Segment Length	N/A
	Other Segment Length	
	Number of parallel runs	1
	Length	275 feet per run
	Justification for New Transmission Line	Needed for interim operation on pre-transition channel on nearby rental tower using existing primary antenna

Interim Transmission Line

Other Transmission Line Expenses Not Listed

Information 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

Add 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	Yes
	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 (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
77677	WAPK-CD	DTV
27490	WOPI-CD	DTV

Other Types of Users

Users
2 ghz receive
7ghz receive
FM translator
FM Translator
7 ghz transmit
950 mhz STL

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.

Interim Tower

Tower Construction Costs

Section	Question	Response
Construct New Tower	Use	Interim
	Description of Use	N/A
	Height	228.00 feet
	Justification for New Tower	Rental for 7 months

Interim Tower

Tower Rigging Costs

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

Interim Tower

Other Tower Expenses Not Listed

Name	Description
Tower Lease	Rent for Interim operation of WKPT-TV
Interim Tower Analysis	Structural analysis for use of existing tower owned by WJHL-TV for a period of 7 months while licensee's tower is modified.

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	8
	Explanation	We have received a quote from Stainless, Inc. of Cedar Hill, Texas for a package including (a) the tower engineering study; (b) replacing the top 65 feet of the tower; (c) tower rigging; and (d) remove replace existing antennas and transmission lines
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting 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)	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 Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Other Engineering Services	Engineering services not included in any other 399 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)?	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

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 EC708HP-BB	**$477,820.15**	**$467,943.37**		**$241,730.19**	
UHF - Air Cooled Solid State Transmitter 7 kW	***$238,119.12***	$238,119.12	See WKPT Transmitter Quote EC708HP-BB. Also see WKPT TRANSMITTER JUSTIFICATION.	$11,905.95	N/A
Remote Control Upgrade	***$3,201.03***	$3,201.03	50 percent split with WAPK for Burk remote control upgrade. Increased to include shipping. See Invoice 10288-1.	$3,201.02	x
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	$236,500.00	$226,623.22	***System Notice: Estimate adjusted and locked because line has been superseded. ***New quote from Comark for one step up based on headroom greater than 10 percent, Includes Sales Tax	$226,623.22	Sales Tax was added after the quote was accepted.
Sub-total	$477,820.15	$467,943.37	N/A	$241,730.19	N/A

Total for all systems	$2,736,204.08	$1,051,713.53	N/A	$592,313.84	N/A

Components

Actual Information Description	File Name	
UHF - Air Cooled Solid State Transmitter 7 kW	**Component Description:** **Amount:**	Final payment for transmitter $11,905.95
Remote Control Upgrade	**Component Description:** **Amount:**	Final payment for remote control upgrade $160.04
	Component Description: **Amount:**	WKPT Share of 50 pct down payment. See cover letter for rounding and splitting calculations $1,600.52
	Component Description: **Amount:**	WKPT 50% share of 45% progress payment for shared remote control system $1,440.46

UHF - Air Cooled Solid State Transmitter 4 - 6 kW	**Component Description:**	Transmitter installation electrical supplies
	Amount:	$58.43
	Component Description:	Transmitter installation electrical supplies
	Amount:	$264.02
	Component Description:	Transmitter installation electrical supplies
	Amount:	$84.21
	Component Description:	45% Progress Payment for new transmitter
	Amount:	$107,153.60
	Component Description:	Transmitter installation electrical supplies
	Amount:	$3.40
	Component Description:	50 pct down payment for new transmitter for WKPT
	Amount:	$119,059.56

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 TLP-16E	**$219,380.00**	**$36,872.00**		**$36,872.00**	
Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$9,180.00	Dielectric quote	$9,180.00	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$6,400.00	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	$189,500.00	$21,292.00	Dielectric quote	$21,292.00	N/A
Auxiliary Antenna SCA-SL8CH32	**$12,069.25**	**$11,739.25**		**$5,339.25**	

UHF - High Power, Side Mount, basic slot antenna, 14 kW input, elliptically or circularly polarized	***$5,339.25***	$5,339.25	We currently have an emergency backup antenna and they are channel specific so we will need one for our new assigned channel 32. Katrein Scala SL8 quote	$5,339.25	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	N/A	N/A
Sub-total	$231,449.25	$48,611.25	N/A	$42,211.25	N/A
Total for all systems	$2,736,204.08	$1,051,713.53	N/A	$592,313.84	N/A

Components

Actual Information Description	**File Name**	
Side mount brackets for high power antennas (if not included in antenna base cost)	**Component Description:** **Amount:**	Custom Mounting brackets for the antenna $9,180.00
Sweep test of existing antenna	**Component Description:** **Amount:**	Sweep of the antenna $6,400.00

UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	**Component Description:** **Amount:**	TLP-16E primary antenna $21,292.00
UHF - High Power, Side Mount, basic slot antenna, 14 kW input, elliptically or circularly polarized	**Component Description:** **Amount:**	WKPT Auxiliary Antenna $5,339.25
Sweep test of existing antenna	Information not provided.	

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	**$16,225.00**	**$9,665.09**		**$9,614.53**	
Flexible Air Transmission Line - dielectric, 3"	$16,225.00	$9,665.09	N/A	$9,614.53	x
Primary Transmission Line	**$14,750.00**	**$8,838.04**		**$8,838.04**	
Flexible Air Transmission Line - dielectric, 3"	$14,750.00	$8,838.04	N/A	$8,838.04	N/A
Auxiliary Transmission Line	**$0.00**	**$0.00**		**$0.00**	
Sub-total	$30,975.00	$18,503.13	N/A	$18,452.57	N/A
Total for all systems	$2,736,204.08	$1,051,713.53	N/A	$592,313.84	N/A

Components

Actual Information Description	File Name	
Flexible Air Transmission Line - dielectric, 3"	**Component Description:**	items to clean, prepare and install brass ends on transmission lines
	Amount:	$48.30

Component Description:	items to clean, prepare and install brass ends on transmission lines
Amount:	$50.56
Component Description:	Clamps to hang Transmission line on tower
Amount:	$109.66
Component Description:	Components to clean, prep, install Line ends split 50 /50 with WAPK
Amount:	$50.56
Component Description:	items to clean, prepare and install brass ends on transmission lines
Amount:	$10.32
Component Description:	items to clean, prepare and install brass ends on transmission lines
Amount:	$23.36
Component Description:	Interim Transmission Line. See attached Quote for WKPT
Amount:	$9,344.31
Component Description:	items to clean, prepare and install brass ends on transmission lines
Amount:	$28.02

Flexible Air Transmission Line - dielectric, 3"	**Component Description:**	Primary Transmission Line. See attached Quote for WKPT
	Amount:	$8,838.04

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
Interim Tower	**$444,166.66**	**$37,855.66**		**$11,083.30**	
Tower Lease	***$16,666.66***	$16,666.66	Rent for the period of 7 months through the Phase 2 transition	$8,333.30	N/A
Interim Tower Analysis	***$6,500.00***	$6,500.00	Stainless quote	$2,750.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$14,689.00	Stainless quote	N/A	N/A
New tower	***$0.00***	$0.00	Existing tower is being rented for 7 months.	N/A	N/A
Primary Tower TOWER	**$1,485,600.00**	**$435,471.10**		**$241,933.10**	
Serious tower reinforcement /modifications	$1,052,000.00	$395,535.60	WKPT-TV Tower Modifications partially shared with co-owned repack station WAPK-CD	$212,401.20	N/A

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$37,935.50	See estimates from Stainless, Inc. for installing antennas and line on primary and nearby rental tower for interim operation	$27,531.90	N/A
Structural engineering tower load study for well documented tower	$12,600.00	$2,000.00	see attached estimate from Stainless, inc. 50 percent of cost split with WAPK	$2,000.00	N/A
Sub-total	$1,929,766.66	$473,326.76	N/A	$253,016.40	N/A
Total for all systems	$2,736,204.08	$1,051,713.53	N/A	$592,313.84	N/A

Components

Actual Information Description	File Name

Tower Lease	**Component Description:**	Lease payment for tower space for interim antennas
	Amount:	$1,666.66
	Component Description:	Tower rent for WKPT Interim antenna
	Amount:	$1,666.66
	Component Description:	Tower Rent for Interim antenna
	Amount:	$1,666.66
	Component Description:	Share of interim tower rent
	Amount:	$1,666.66
	Component Description:	Rent Payment Month 3 January 2018
	Amount:	$1,666.66

Interim Tower Analysis	**Component Description:** **Amount:**	50 pct final payment for structural analysis of interim rental tower. Services have been completed. $1,375.00
	Component Description: **Amount:**	50 pct down payment for structural analysis of interim rental tower. Services have been completed. $1,375.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.	
New tower	Information not provided.	

Serious tower reinforcement /modifications	**Component Description:**	Dug 110 ft ditch to bury overhead electrical lines
	Amount:	$3,000.00
	Component Description:	Construction services 60% Progress payment for Tower modifications and Rigging
	Amount:	$139,600.80
	Component Description:	30 pct down payment for 50% of the total cost of tower reinforcement modifications
	Amount:	$69,800.40

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	**Component Description:** **Amount:**	Complex Tower Rigging antenna installation $18,354.60
	Component Description: **Amount:**	60% Progress payment for Tower modifications and Rigging $18,354.60
	Component Description: **Amount:**	30 pct down payment of 50 pct of the total rigging and antenna and line installation cost, shared with WAPK $9,177.30
Structural engineering tower load study for well documented tower	**Component Description:** **Amount:**	One half balance due for tower Structural analysis for WKPT $1,000.00
	Component Description: **Amount:**	One half down payment for tower structural analysis for WKPT $1,000.00

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificatio
Outside Professional Services	**$43,424.25**	**$28,860.25**		**$22,483.58**	
Other Engineering Services	***$13,550.25***	$13,550.25	Engineering services not included in any other 399 section	$13,550.25	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 FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,000.00	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

Prepare request for Special Temporary Authorization	$2,050.00	$1,535.00	N/A	$550.00	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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$2,300.00	Invoice for engineering CP application was greater than estimated	$2,300.00	N/A
Project management of the transition	$1,264.00	$1,200.00	N/A	$600.00	N/A
Prepare and or review reimbursement form	$2,630.00	$2,500.00	The Estimated Cost shown is to cover the expense of having Actual Cost invoices prepared and submitted into this 399 Reimbursement Form.	$2,500.00	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$0.00	Included in CP application charges	N/A	N/A
Sub-total	$43,424.25	$28,860.25	N/A	$22,483.58	N/A

Total for all systems	$2,736,204.08	$1,051,713.53	N/A	$592,313.84	N/A

Components

Actual Information Description	File Name

Other Engineering Services	**Component Description:**	OPS OES related to repack for WKPT
	Amount:	$609.50
	Component Description:	RF Design for revised transition plan and 399 amendment for WKPT
	Amount:	$3,437.50
	Component Description:	FCC application for STA to operate on Interim tower
	Amount:	$1,535.00
	Component Description:	Prepare and submit Actual Cost Invoices
	Amount:	$2,125.00
	Component Description:	OPS OES actual cost invoices for WKPT
	Amount:	$2,862.00
	Component Description:	OPS OES amended 399 for WKPT
	Amount:	$265.00
	Component Description:	Design, RF calculations and amendment of 399
	Amount:	$2,716.25

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	**Component Description:** **Amount:**	Prep and submit FAA 7460-1; cost split between WKPT WAPK WOPI $183.33
ASR modification (prepare FCC Form 854)	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	**Component Description:** **Amount:**	Reimbursement for part of invoice covering initial CP application July 6 Form 2100 $2,800.00
Prepare request for Special Temporary Authorization	**Component Description:** **Amount:** **Component Description:** **Amount:**	STA for repack Interim operation of WKPT $550.00 Prepare technical portion of STA for interim operation $1,535.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	**Component Description:** **Amount:**	Engineering for CP Application for WKPT $2,300.00
Project management of the transition	**Component Description:** **Amount:**	Prog Rept 387 3Q2018 $150.00
	Component Description: **Amount:**	Progress Report 4Q18 $150.00
	Component Description: **Amount:**	Prep and submit Form 387 for 10 weeks prior to transition $150.00
	Component Description: **Amount:**	FCC 387 progress report 2Q18 WKPT $150.00

Prepare and or review reimbursement form	**Component Description:** **Amount:**	KGA inv #964-55 AC invs RG Mar 2019 UL20190422jgv1 $525.00
	Component Description: **Amount:**	KGA inv #964-48 AC invs JG Nov 2018 UL20190422jgv1 $75.00
	Component Description: **Amount:**	KGA inv #964-45 AC invs JG Mar 2019 UL20190422jgv1 $125.00
	Component Description: **Amount:**	KGA inv #964-43 Amend 399 RG Feb 2019 UL20190422jgv1 $400.00
	Component Description: **Amount:**	KGA inv #964-42 AC invs RG Feb 2019 UL20190422jgv1 $1,375.00
Perform engineering study for new channel assignment and antenna development	Information not provided.	

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	**$22,768.77**	**$14,468.77**		**$14,419.85**	
DTV Medical Facility Notification	$11,550.00	$3,250.00	N/A	$3,245.00	N/A
Equipment Delivery and Handling Charges	***$3,500.00***	$3,500.00	Increased to cover cost of Primary Antenna delivery	$3,456.08	N/A
Develop and air announcement of upcoming channel change	***$0.00***	$0.00	N/A	N/A	N/A
MVPD Notification of Channel Change	***$2,285.00***	$2,285.00	The station needed to re-send its MVPD notifications to specify the actual Transition date instead of just "Phase 2".	$2,285.00	N/A
FCC License to Cover Filing Fee	***$335.00***	$335.00	FCC License to Cover Filing Fee	$335.00	N/A

Electrical	***$5,098.77***	$5,098.77	This expense is for electrical work.	$5,098.77	N/A
Sub-total	$22,768.77	$14,468.77	N/A	$14,419.85	N/A
Total for all systems	$2,736,204.08	$1,051,713.53	N/A	$592,313.84	N/A

Components

Actual Information Description	**File Name**	
DTV Medical Facility Notification	**Component Description:** **Amount:**	Prepare and mail medical notifications $3,245.00

Equipment Delivery and Handling Charges	**Component Description:**	50% of fuel for rental truck to deliver repack equipment to the site. Shared with WAPK
	Amount:	$28.45
	Component Description:	Delivery of primary antenna from manufacturer facility
	Amount:	$2,632.25
	Component Description:	Stone for road bed to enable site access
	Amount:	$531.36
	Component Description:	Pallet jack to move equipment to be installed and removed.
	Amount:	$136.87
	Component Description:	50% share of rental truck to deliver repack equipment to the site shared with WAPK
	Amount:	$127.15
Develop and air announcement of upcoming channel change	Information not provided.	

MVPD Notification of Channel Change	**Component Description:** **Amount:** **Component Description:** **Amount:**	KGA inv #964-38 Revised MVPD notifications resent UL20190326jgv1 $530.00 Prepare and mail MVPD notices $1,755.00
FCC License to Cover Filing Fee	**Component Description:** **Amount:**	FCC inv #0000070485 Lic to Cover filing fee WKPT UL20190410jgv1 $335.00
Electrical	**Component Description:** **Amount:**	E Electric inv #201904162019 Electrical work UL20190422jgv1 $5,098.77

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$2,736,204.08	$1,051,713.53	$592,313.84

Reimbursement Status

Question	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.	
	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 above-named applicant for the Authorization(s) specified above.	**Jeffrey C Gehman** *Engineering Associate* 04/22/2019

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).	
	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. 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.

	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 above-named applicant for the Authorization(s) specified above.	**Jeffrey C Gehman** *Engineering Associate* 04/22/2019

Attachments