

Federal Communications Commission

#### (REFERENCE COPY - Not for submission)

## FCC Form 399: Reimbursement Request

			-		
Facility	54176	Service: DTV	Call	WKBW-TV	Channel: 34 (UHF)
ID:			Sign:		
File	000002	7246			
Number:					
FRN: <b>00</b>	02710192	Date	08/29		
		Submitted:	/2017		

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

#### Applicant Information

Applicant	Address	Phone	Email	Applicant Type
SCRIPPS BROADCASTING HOLDINGS LLC Doing Business As: SCRIPPS MEDIA, INC.	David Giles 312 WALNUT STREET 28TH FLOOR CINCINNATI, OH 45202 United States	+1 (513) 977- 3000	DAVE. GILES@SCRIPPS. 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
	Ray Thurber Vice President / Engineering SCRIPPS BROADCASTING HOLDINGS LLC	Ray Thurber 312 Walnut St. Cincinnati, OH 45202 United States	+1 (248) 827- 9202	ray. thurber@scripps. com

Broadcaster	Question	Response
Information and Transition Plan	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.	Νο
	Briefly describe transition plan	WKBW must replace its main antenna and transmitter in order to move it its new channel. It will need to install interim facilities in order to be able to replace the main facility. See attached narrative for a more detailed explanation.

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

## Add Transmitter Information

Auxilial y			
Transmitter	Section	Question	Response
	Existing Transmitter Description	Type of change	Retune Existing
		Use	Auxiliary (Backup)
		Ownership	Owned
		Owner	N/A
		Is this transmitter currently shared with another station?	No
		Is this transmitter currently in operating condition?	Yes
	Existing Transmitter Manufacturer and Type	Manufacturer	GatesAir
		Model	ULXT10

Year	2016
Туре	Solid State
Solid State Cooling	Liquid Cooled
Solid State Power capacity	9 kW

#### Auxiliary Transmitter Section

r	Section	Question	Response	
	New IOT Tubes	Number of Tubes (including accessories) needed	N/A	
	New Mask Filter	Power	10 kW	
		Other Power	N/A	
	New Exciter	Is a new exciter needed?	No	

## Auxiliary 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

Auxiliary Transmitter	Other Transmitter Cost Not Listed			
	Name	Description		
	RF Switches	Switches necessary to be able to use the interim antenna for operation while the main antenna is being replaced.		

Primary Transmitter	Existing Transmitter Information			
	Section	Question	Response	
	Existing Transmitter Description	Type of change	Purchase New	
		Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is this transmitter currently shared with another station?	No	
		Is this transmitter currently in operating condition?	Yes	
	Existing Transmitter Manufacturer and Type	Manufacturer		
		Model	Sigma CD 3	
		Year	2004	
		Туре	Inductive Output Tube	
		IOT Power Type	Single	
		Power Capacity	30 kW	

## **Existing Transmitter Information**

Primary Transmitter	New Transmitter Costs				
	Section	Question	Response		
	New Transmitter	Use	Primary (Main)		
		Change Type	Purchase New		
		Is this a request for upgraded equipment?	Yes		
		Manufacturer			
		Model	ULXTE-50		
		Transmitter Type	Solid State		
	-	Solid State Cooling	Liquid Cooled		
		Solid State Power capacity	31.7 kW		
		Justification for New Transmitter	The current transmitter is orphaned and no longer supported by the manufacturer. Parts are in very limited supply or not available. It cannot be re- tuned. Current transmitter has headroom. Station asking for 1 step-up.		

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	Yes
	Description	Necessary switchgear transforme conduit, wiring and fuse disconnect as quoted by electrica contractor.
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

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?	No		
		Is antenna in operating condition?	Yes		
		Is antenna located on or in close proximity to an antenna farm?	No		
	Existing Antenna Manufacturer and Type	Class	Full Power		
		Mounting	Top Mount		
		Antenna position in stack	Not in Stack		
		Polarization	Horizontal		
		Туре	Slotted Coaxial		
		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	N/A		
		ERP: (Effective Radiated Power)	358.0 kW		

Manufacturer	
Model	TUV-32GTH /10HV-R
Year	2004

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?	No		
		Will antenna be located on or in close proximity to an antenna farm?	No		
	New Antenna Manufacturer and Types	Class	Full Power		
		Mounting	Top Mount		
		Antenna position in stack	Not in Stack		
		Polarization	Horizontal		
		Туре	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)	331.0 kW		
		Manufacturer			
			1		

Model	TFU- 32GTH-R- O4
Year	2019
Justification for New Antenna	Existing main antenna is a coaxial slot antenna that is channel specific and cannot be reused on the new channel.

#### Primary Antenna Question Response Section **Combiner for Shared** Do you need a Combiner for a Shared No Antenna Antenna? Туре N/A Number of channels supported Frequencies of channels supported N/A Frequency N/A Do you need a combiner output splitter N/A /switcher for dual feed lines? **Elbow Complex** Do you require the separate purchase of No the Elbow Complex? Broadband or Single Channel? N/A Feed Line Size N/A Side Mount Brackets Do you require the separate purchase of No side mount brackets for a high power antenna?

**Other Antenna Costs** 

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<br/>AntennaOther Antenna Cost Not ListedInformation not provided.

Interim	New Antenna Costs				
Antenna	Section	Question	Response		
	New Antenna Description	Use	Interim		
		Description of Use	N/A		
		Change Type	Purchase New		
		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?	No		
	New Antenna Manufacturer and Type	Class	Full Power		
		Mounting	Side Mount		
		Antenna position in stack	Not in Stack		
		Polarization	Horizontal		
		Туре	Broadband Slot		
		Number of Stations Supported	1		
		Number of Panels/Bays	16		
		Lower Limit	470.00 MHz		
		Upper Limit	698.00 MHz		
		Design power capacity in use	40.5 %		
		Other Antenna Type	N/A		
		ERP: (Effective Radiated Power)	590.0 kW		
		Manufacturer			
		Model	TFU-16WB C160		
		Year	2019		

Justification for New Ante	na	WBKW will need an interim antenna for operation while replacing the main antenna for the move to the new channel.

#### **Other Antenna Costs**

#### Interim Antenna

Section	Question	Response
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 an 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

InterimOther Antenna Cost Not ListedAntennaInformation not provided.

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

ransmissio	ransmission Line	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
Existing Transmission Line Manufacturer and Type		Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes	
	_	Manufacturer	
		Туре	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
		Segment Length	Other
		Other Segment Length	18.67 feet
		Number of parallel runs	0
		Length	1100 feet per run

# Primary Existing Transmission Line

Primary	New Transmission Line		
Transmission	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	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
	Segment Length	19 1/2 inches	
	Other Segment Length	N/A	
	Number of parallel runs	1	
		Length	1100 feet per run
		Justification for New Transmission Line	Transmission line segment lengths were specific to old analog channel and current digital channel. Transmission line cannot be reused for new channel.

# Primary Other Transmission Line Expenses Not Listed

Transmission home tion not provided.

Interim	New Transmission Line		
Transmission Line	Question	Response	
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
	Change Type	Purchase New	
		Туре	Rigid
		Diameter	6 1/8 inches
		Segment Length	19 ½ '
		Other Segment Length	
		Number of parallel runs	1
		Length	860 feet per run
		Justification for New Transmission Line	WKBW will need an interim facility while replacing the current main antenna. There is no second transmission line available for the interim antenna.

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

marv	Existing	Tower
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Primary	Existing 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?	No
		Is this tower currently shared with any other stations?	No
		One or more FM, AM or TV radio broadcaster(s)	N/A
		Others Types of Users	N/A
		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
	Registration	ASR Number	1001756
Coordinates ( <u>NAD83</u> ( North American Datum of 1983))	North American Datum of	Latitude (NAD83)	42° 38' 15.0" N-
	Longitude (NAD83)	078° 37' 11.0" W-	
		Overall Structure Height	1075.77 feet
		Support Structure Height	999.99 feet
		Ground Elevation Above Mean Sea Level (AMSL)	1734.89 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Scripps Media, Inc.
Date Constructed	09/01/1958

#### Tower Modification Costs

Primary Tower

Tower

Tower

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

# Primary Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

# Primary Other Tower Expenses Not Listed

Name	Description
Rigging Plan, PE Review	Professional Engineering review of proposed rigging plan.

manage a work at transmitte site required t transition new channel (both the main and interim facilities). With the size of the current engineeri staff,	Outside	Section	Question	Response
Explanation       Project manager needed to manage a work at transmitter site required to transition new channel (both the main and interim facilities).         Vith the size of the current engineeri staff,	Professional			Yes
manager needed to manage a work at transmitte site required to transition new channel (both the main and interim facilities). With the size of the current engineeri staff,			Number of Hours	240
cannot spare personne to ensure these task are			Explanation	manager needed to manage all work at transmitter site required to transition to new channel (both the main and interim facilities). With the size of the current engineering staff, WKBW cannot spare personnel to ensure these tasks
Outside RF consulting Engineering ServicesPerform engineering study for new channel assignment and antenna developmentYes				Yes
Prepare engineering section of Form FCC       Yes         Construction Permit Application				Yes
For Auxiliary Facility No			For Auxiliary Facility	No
For Main Facility Yes			For Main Facility	Yes
Prepare engineering section of Form FCC Yes License to Cover Application				Yes
For Auxiliary Facility No			For Auxiliary Facility	No

	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	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	2
	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	Yes

RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside	Other Professional Services Expenses Not Listed			
Professional	I Services Costs	Description		
	Site Survey	GatesAir performed a site survey to access changes to facility as necessary to transition to new channel including, power and HVAC requirements, available transmitter room space and existing antenna and transmission line RF characteristics at new channel.		

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	Yes
		Non-zoning permits	Yes
		BLM or NFS Coordination	No
		FCC Construction Permit Minor Change	No
		FCC License to Cover Application	Yes
		FCC Special Temporary Authority Application	Yes
	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?	Yes
		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	Other Expenses Not Listed				
Expenses	Name	Description			
	Employee Time	Time needed by Scripps corporate and WKBW employees to work on the transition to a new channel.			

#### 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 ULXTE-50	\$896,909.16	\$896,909.16		\$0.00	
Other Electrical Service: Necessary switchgear, transformer, conduit, wiring and fuse disconnects as quoted by electrical contractor.	\$42,882.00	\$42,882.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	\$854,027.16	\$854,027.16	N/A	N/A	N/A
Auxiliary Transmitter ULXT10	\$144,365.00	\$138,755.00		\$0.00	
RF Switches	\$30,855.00	\$30,855.00	See attached justification and quote for switches.	N/A	N/A
10 kW mask filter	\$8,310.00	\$7,900.00	N/A	N/A	N/A
UHF and VHF - minor banding issues	\$105,200.00	\$100,000.00	N/A	N/A	N/A
Sub-total	\$1,041,274.16	\$1,035,664.16	N/A	\$0.00	N/A

Total for all	\$2,612,352.92	\$2,773,947.92	N/A	\$0.00	N/A
systems					

#### Components

#### 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
Interim Antenna TFU-16WB C160	\$129,730.00	\$129,400.00		\$0.00	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 16 bay,, 590 kW input, directional,, horizontally polarized	\$123,000.00	\$123,000.00	N/A	N/A	N/A
Primary Antenna TFU- 32GTH-R-O4	\$253,730.00	\$241,400.00		\$0.00	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - High Power Top Mount (200- 1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$235,000.00	N/A	N/A	N/A
Sub-total	\$383,460.00	\$370,800.00	N/A	\$0.00	N/A
Total for all systems	\$2,612,352.92	\$2,773,947.92	N/A	\$0.00	N/A

#### Components

#### **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	\$173,720.00	\$165,120.00		\$0.00	
Rigid Transmission Line - copper, 6 1/8"	\$173,720.00	\$165,120.00	Widelity cost didn't auto- populate.	N/A	N/A
Primary Transmission Line	\$222,200.00	\$211,200.00		\$0.00	
Rigid Transmission Line - copper, 6 1/8"	\$222,200.00	\$211,200.00	N/A	N/A	N/A
Sub-total	\$395,920.00	\$376,320.00	N/A	\$0.00	N/A
Total for all systems	\$2,612,352.92	\$2,773,947.92	N/A	\$0.00	N/A

#### Components

#### **Tower Equipment and Rigging Costs**

#### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$388,600.00	\$594,500.00		\$0.00	
Rigging Plan, PE Review	\$7,500.00	\$7,500.00	N/A	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Tall Tower (greater than 500')	\$210,500.00	\$425,000.00	Quoted cost (see attached) for rigging needed for main and interim antennas and line. WKBW has removed the costs for sweep test and structural modifications since these already covered under other sections of the form.	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	N/A	N/A
Sub-total	\$388,600.00	\$594,500.00	N/A	\$0.00	N/A

Total for all	\$2,612,352.92	\$2,773,947.92	N/A	\$0.00	N/A
systems					

#### Components

#### **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	\$118,851.35	\$112,981.35		\$0.00	
Site Survey	\$19,231.35	\$19,231.35	N/A	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit ApplicationS5,260.00S5,000.00N/AN/AN/APrepare request for Special Temporary Authorization\$4,100.00\$3,000.00N/AN/AN/APrepare request engineering section of FCC Form 2100 (main), License to Cover Application\$1,580.00\$1,500.00N/AN/AN/APrepare engineering section of FCC Form 2100 (main), License to Cover Application\$1,580.00\$1,500.00N/AN/AN/APrepare engineering section of FCC Form 2100 (main), License to Cover Application\$1,580.00\$3,000.00N/AN/AN/APrepare engineering section of FCC Form 2100 (main), License to Cover Application\$3,155.00\$3,000.00N/AN/AN/APrepare engineering suction of FCC Form 2100 (main), Construction Permit Application\$7,360.00\$7,000.00N/AN/AN/APreform engineering study for new channel assignment and antenna development\$2,630.00\$2,500.00N/AN/AN/AAddress transition timing and coordination wireless\$2,630.00\$2,500.00N/AN/AN/APrepare and or review review tor\$2,630.00\$2,500.00N/AN/AN/A						
for Special Temporary AuthorizationS1,580.00\$1,500.00N/AN/AN/APrepare engineering section of FCC Form 2100 (main), License to Cover Application\$1,550.00\$1,500.00N/AN/AN/APrepare engineering section of FCC Form 2100 (main), Construction Permit Application\$3,155.00\$3,000.00N/AN/AN/APrepare engineering section of FCC Form 2100 (main), Construction Permit Application\$7,360.00\$7,000.00N/AN/AN/APerform engineering study for new channel assignment and antenna development\$7,360.00\$7,000.00N/AN/AN/AAddress transition timing and coordination issues w/ other stations and wireless\$2,630.00\$2,500.00N/AN/AN/APrepare and or review reimbursement\$2,630.00\$2,500.00N/AN/AN/A	Prepare and File FCC Form 2100 (main), Construction Permit	\$5,260.00	\$5,000.00	N/A	N/A	N/A
engineering section of FCC Form 2100 (main), License to Cover Application\$3,155.00\$3,000.00N/AN/AN/APrepare engineering section of FCC Form 2100 (main), Construction Permit Application\$3,155.00\$3,000.00N/AN/AN/APerform 	for Special Temporary	\$4,100.00	\$3,000.00	N/A	N/A	N/A
engineering section of FCC Form 2100 (main), Construction Permit Application Perform engineering study for new channel assignment and antenna development Address transition timing and coordination issues w/ other stations and wireless Prepare and or review reimbursement	engineering section of FCC Form 2100 (main), License to Cover	\$1,580.00	\$1,500.00	N/A	N/A	N/A
engineering study for new channel assignment and antenna development Address \$2,630.00 \$2,500.00 N/A N/A N/A N/A transition timing and coordination issues w/ other stations and wireless Prepare and or review reimbursement	engineering section of FCC Form 2100 (main), Construction Permit	\$3,155.00	\$3,000.00	N/A	N/A	N/A
transition timing and coordination issues w/ other stations and wireless Prepare and or \$2,630.00 \$2,500.00 N/A N/A N/A review reimbursement	engineering study for new channel assignment and antenna	\$7,360.00	\$7,000.00	N/A	N/A	N/A
review reimbursement	transition timing and coordination issues w/ other stations and	\$2,630.00	\$2,500.00	N/A	N/A	N/A
	review reimbursement	\$2,630.00	\$2,500.00	N/A	N/A	N/A

Project management of the transition	\$37,920.00	\$36,000.00	N/A	N/A	N/A
Sub-total	\$118,851.35	\$112,981.35	N/A	\$0.00	N/A
Total for all systems	\$2,612,352.92	\$2,773,947.92	N/A	\$0.00	N/A

## Components

#### **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	\$284,247.41	\$283,682.41		\$0.00	
Employee Time	\$124,667.41	\$124,667.41	N/A	N/A	N/A
MVPD Notification of Channel Change	\$2,500.00	\$2,500.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Equipment Storage	\$20,000.00	\$20,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$60,000.00	\$60,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Non-zoning permits	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Local Zoning	\$20,000.00	\$20,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
Sub-total	\$284,247.41	\$283,682.41	N/A	\$0.00	N/A
Total for all systems	\$2,612,352.92	\$2,773,947.92	N/A	\$0.00	N/A

## Components

Cost Information	Grand Total				
		Predetermined Cost Estimate Estimated Cost Actual C			
	Total for all systems	\$2,612,352.92	\$2,773,947.92	\$0.00	

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		<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> <li>The above-named</li> </ol>	
		entity acknowledges that all certifications and attached documentation are considered material representations.	
		3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

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

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	Ray Thurber Vice President / Engineering 08/29/2017

#### Attachments