



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **35095** | Service: **DTV** | Call **KWBA-TV** | Channel: **21 (UHF)** |  
ID: | Sign: |  
File **0000027262**  
Number:  
FRN: **0002710192** | Date **06/01**  
Submitted: **/2021**

## Applicant Information

### Applicant Name, Type, and Contact Information

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

**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.	No
Briefly describe transition plan	KWBA must replace its main antenna and transmitter in order to move it its new channel. See attached narrative for a more detailed explanation.

**Transmitters**

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

**Auxiliary  
Transmitter****Add Transmitter Information**

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	Rohde Swartz
	Model	TMU9

Year	2015
Type	Solid State
Solid State Cooling	Air Cooled
Solid State Power capacity	3 kW

## Auxiliary Transmitter

### Retuning Transmitter Costs

Section	Question	Response
New IOT Tubes	Number of Tubes (including accessories) needed	N/A
New Mask Filter	Power	3 kW
	Other Power	N/A
New Exciter	Is a new exciter needed?	No

## Auxiliary 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
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
<b>Arizona Sales Tax</b>	Arizona Sales Tax on Retuning of Existing Aux Transmitter and New Mask Filter.
<b>Auxiliary Transmitter - Additional Parts</b>	Auxiliary Transmitter - Additional Parts

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	Quantum QEXD1
	Year	2005
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	32 kW

**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-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	12.9 kW
	Justification for New Transmitter	Current Acrodyne 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  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	676.0 feet
	Other Electrical Service	Yes
	Description	Necessary conduit, wiring and fuse disconnects as quoted by electrical contractor.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
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<b>Transmitter Headroom Replication Step-up</b>	Cost associated for 1 step from the required transmitter power to account for extra headroom station has in current transmitter.
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**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	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?	No
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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) .....	1000.0 kW

Manufacturer	
Model	SWCD24BFS /44D
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?	Yes
	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 Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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) .....	525.0 kW
	Manufacturer	

Model	TFU-26GTH /VP-R P260
Year	2018
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

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	
	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	

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

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Name		Description
Arizona Sales Tax		Arizona Sales Tax for Antenna

**Transmission Line**

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

**Primary**  
**Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	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
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Flexible Air
	Diameter	5 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	214 feet per run



**Primary**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Flexible Air
	Diameter	5 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	200 feet per run
	Justification for New Transmission Line	KWBA will use its current main facility as the interim facility. It will need new transmission line for the new top-mount antenna.

**Primary**  
**Transmission Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
<b>Arizona Sales Tax</b>	Arizona Sales Tax on Transmission Line Expenses

**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	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)	No
	Others Types of Users	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	31° 45' 32.3" N-
	Longitude (NAD83)	110° 48' 05.3" W-
	Overall Structure Height	199.00 feet
	Support Structure Height	158.00 feet
	Ground Elevation Above Mean Sea Level (AMSL)	5869.40 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	SCRIPPS BROADCASTING HOLDINGS LLC
Date Constructed	12/01/1998

### Other Types of Users

#### Users

Microwave Relay

Land Mobile

### Primary Tower

### Tower Modification Costs

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

Name	Description
Arizona Sales Tax	Arizona Sales Tax on Tower Expenses
PE Review of Rigging Plan	Professional Engineering review of proposed rigging plan as required by ANSI /ASEE A10.48 and ANSI/TIA 322 standards.
Tower Survey	Existing Primary Tower - Tower Survey
Structural Analysis and Soil Bore	Structural Analysis and Soil Bore for Tower
Road Improvement	The road to the transmitter site must be improved in order for a new antenna and rigging equipment to be delivered. Also investigating helicopter option.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	835
	Explanation	Project 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, KWBA cannot spare personnel to ensure these tasks are completed.
<b>Outside RF consulting Engineering Services</b>	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
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No

<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	12
	Justification	Research and coordinate site access of tower and antenna material, ensure necessary pieces are ordered, assist with equipment installation, serve as on-site coordinator for tower work

**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
<b>Arizona Sales Tax</b>	Arizona Sales Tax on Professional Services Expenses
<b>Site Survey</b>	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 Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	Local Zoning	Yes
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
<b>Other Miscellaneous Expenses</b>	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**

**Other Expenses Not Listed**

Name		Description
Employee Time		Time needed by Scripps corporate and KWBA employees to work on the transition to a new channel.
Equipment Rental		Equipment Rental
Arizona Sales Tax		Arizona Sales Tax on Other Expenses

## 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
<b>Primary Transmitter ULXTE-20</b>	<b>\$732,126.00</b>	<b>\$697,250.78</b>		<b>\$481,267.23</b>	
Transmitter Headroom Replication Step-up	<i>\$144,000.00</i>	\$144,000.00	N/A	\$0.00	N/A
Other Electrical Service: Necessary conduit, wiring and fuse disconnects as quoted by electrical contractor.	<i>\$12,300.00</i>	\$12,300.00	N/A	\$0.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$17,576.00	\$3,665.00	Please see KWBA-TV Primary Transmitter-Rigid Conduit and Wiring Budget Revision Justification Letter	\$3,665.00	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$28,115.00	per Stark Electric, Inc quote	\$28,115.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$0.00	N/A

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$472,870.78	Includes cost to remove old transmitter to make space for new transmitter.	\$449,487.23	N/A
<b>Auxiliary Transmitter TMU9</b>	<b>\$130,570.00</b>	<b>\$128,391.25</b>		<b>\$8,176.94</b>	
Arizona Sales Tax	<b>\$20,834.00</b>	\$20,834.00	N/A	\$619.69	N/A
Auxiliary Transmitter - Additional Parts	<b>\$381.00</b>	\$381.00	Please see Rohde & Schwarz quote 106622.0	\$381.00	N/A
UHF and VHF - minor banding issues	\$105,200.00	\$100,000.00	N/A	\$0.00	N/A
3 kW mask filter	\$4,155.00	\$7,176.25	Please see KWBA ROHDE & Schwarz Mask Filter Quote 106622.0	\$7,176.25	N/A
<b>Sub-total</b>	<b>\$862,696.00</b>	<b>\$825,642.03</b>	N/A	<b>\$489,444.17</b>	N/A
<b>Total for all systems</b>	<b>\$2,868,350.63</b>	<b>\$2,758,006.57</b>	N/A	<b>\$1,396,926.90</b>	N/A

## Components

Actual Information	
Description	File Name
Transmitter Headroom Replication Step-up	Information not provided.

Other Electrical Service: Necessary conduit, wiring and fuse disconnects as quoted by electrical contractor.	Information not provided.	
2" Rigid Conduit and Wiring (Cost per foot)	<b>Component Description:</b> <b>Amount:</b>	ELECTRICAL \$3,665.00
Transformer 3 phase/480v - 150 KVA	<b>Component Description:</b> <b>Amount:</b>	KWBA- Repack L & M \$28,115.00
Switchgear - industrial 800 amp	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	<b>Component Description:</b> <b>Amount:</b>	SNMP FOR ARC PLUS V5 and SL \$476.00
	<b>Component Description:</b> <b>Amount:</b>	ULXTE-20 \$449,011.23
	<b>Component Description:</b> <b>Amount:</b>	Invoice to be resubmitted. N/A
Arizona Sales Tax	<b>Component Description:</b> <b>Amount:</b>	KWBA-TV-150-1st Auxiliary Transmitter - Arizona Sales Tax \$619.69

<p>Auxiliary Transmitter - Additional Parts</p>	<p><b>Component Description:</b> Rohde &amp; Schwarz Inc Qt# 106622.0 KWBA</p> <p><b>Amount:</b> \$381.00</p>
<p>UHF and VHF - minor banding issues</p>	<p>Information not provided.</p>
<p>3 kW mask filter</p>	<p><b>Component Description:</b> KWBA-TV-150-1st Auxiliary Transmitter - 3 kW Mask Filter</p> <p><b>Amount:</b> \$7,176.25</p>

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 TFU-26GTH /VP-R P260	\$316,991.00	\$316,234.11		\$229,972.49	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$289,073.11	Please see KWBA Dielectric Revised Quote 728002	\$229,972.49	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A
Arizona Sales Tax	\$20,761.00	\$20,761.00	N/A	\$0.00	N/A
Sub-total	\$316,991.00	\$316,234.11	N/A	\$229,972.49	N/A
Total for all systems	\$2,868,350.63	\$2,758,006.57	N/A	\$1,396,926.90	N/A

Components

Actual Information Description	File Name
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UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<b>Component Description:</b>  <b>Amount:</b>	UHF - HIGH POWER TOP MOUNT (200 - 1,000 KW) \$103,487.62
	<b>Component Description:</b>  <b>Amount:</b>	UHF - HIGH POWER TOP MOUNT (200 - 1,000 KW) \$22,997.25
	<b>Component Description:</b>  <b>Amount:</b>	Invoice moved to correct budget category N/A
	<b>Component Description:</b>  <b>Amount:</b>	High Power Top Mount \$103,487.62
	<b>Component Description:</b>  <b>Amount:</b>	Invoice moved to correct budget category. N/A
	<b>Component Description:</b>  <b>Amount:</b>	Invoice moved to correct budget category N/A

Sweep test of existing antenna	<b>Component Description:</b>	KWBA-TV-210- Primary Antenna - Sweep Test
	<b>Amount:</b>	\$2,880.00
	<b>Component Description:</b>	Sweep Test
	<b>Amount:</b>	\$2,880.00
	<b>Component Description:</b>	KWBA-TV-210- Primary Antenna - Sweep Test
	<b>Amount:</b>	\$640.00
	<b>Component Description:</b>	Sweep Test
	<b>Amount:</b>	(\$5,760.00)
Arizona Sales Tax	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
Primary Transmission Line	\$22,720.00	\$29,186.80		\$27,466.79	
Arizona Sales Tax	<i>\$1,720.00</i>	\$1,720.00	N/A	\$0.00	N/A
Flexible Air Transmission Line - dielectric, 5"	\$21,000.00	\$27,466.80	please see Estimated Cost Justification KWBA-TV- 310-Primary Transmission Line - 5_ Flexible Air Dielectric v0	\$27,466.79	N/A
Sub-total	\$22,720.00	\$29,186.80	N/A	\$27,466.79	N/A
Total for all systems	\$2,868,350.63	\$2,758,006.57	N/A	\$1,396,926.90	N/A

Components

Actual Information	
Description	File Name
Arizona Sales Tax	Information not provided.

Flexible Air Transmission  
Line - dielectric, 5"

**Component Description:** KWBA-TV-310-  
Primary  
Transmission Line  
- 5" Flexible Air  
Dielectric  
**Amount:** \$3,003.56

**Component Description:** Tx Line  
**Amount:** \$10,224.27

**Component Description:** Other REDUCER  
4-50 X 1-50  
**Amount:** \$1,124.89

**Component Description:** KWBA-TV-310-  
Primary  
Transmission Line  
- 5" Flexible Air  
Dielectric  
**Amount:** \$10,822.77

**Component Description:** Reducer 6-50 EIA  
**Amount:** \$414.15

**Component Description:** Reducer 6-50 EIA  
**Amount:** \$1,877.15

**Component Description:** Reducer and  
Shipping  
**Amount:** \$1,124.89

## 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
<b>Primary Tower TOWER</b>	<b>\$1,151,412.02</b>	<b>\$1,108,112.02</b>		<b>\$412,178.07</b>	
Road Improvement	<i>\$137,146.02</i>	\$137,146.02	Please see Estimated Cost Justification KWBA-TV-410-Existing Primary Tower - Road Improvement v1	\$137,146.01	N/A
Tower Survey	<i>\$2,150.00</i>	\$2,150.00	Please see KWBA-TV Alta Land Survey Inc. Proposal dated 12-19-2017	\$2,150.00	N/A
PE Review of Rigging Plan	<i>\$7,500.00</i>	\$7,500.00	N/A	\$0.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	\$149,689.96	N/A
Structural Analysis and Soil Bore	<i>\$20,000.00</i>	\$20,000.00	N/A	\$9,350.00	N/A
Arizona Sales Tax	<i>\$116,316.00</i>	\$116,316.00	N/A	\$996.00	N/A

Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	\$0.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$112,846.10	N/A
<b>Sub-total</b>	\$1,151,412.02	\$1,108,112.02	N/A	\$412,178.07	N/A
<b>Total for all systems</b>	\$2,868,350.63	\$2,758,006.57	N/A	\$1,396,926.90	N/A

## Components

Actual Information	
Description	File Name
Road Improvement	<p><b>Component Description:</b> Rough Grade <b>Amount:</b> \$133,189.00</p> <p><b>Component Description:</b> Site Work <b>Amount:</b> \$2,588.49</p> <p><b>Component Description:</b> Road access and repair expenses <b>Amount:</b> \$1,368.52</p>
Tower Survey	<p><b>Component Description:</b> Job Set Up and Calculations <b>Amount:</b> \$2,150.00</p>
PE Review of Rigging Plan	Information not provided.

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<div> <b>Component Description:</b> Tower services rendered per FCC repack directive at KWBA-TV </div> <div> <b>Amount:</b> \$149,689.96 </div>
Structural Analysis and Soil Bore	<div> <b>Component Description:</b> KWBA-TV-410-Existing Primary Tower - Structural Analysis and Soil Bore </div> <div> <b>Amount:</b> \$5,500.00 </div> <div> <b>Component Description:</b> Engineering Services Rendered </div> <div> <b>Amount:</b> \$3,850.00 </div>
Arizona Sales Tax	<div> <b>Component Description:</b> KWBA-TV-410-Existing Primary Tower - Arizona Sales Tax </div> <div> <b>Amount:</b> \$996.00 </div>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.
Major tower reinforcement /modifications	<div> <b>Component Description:</b> KWBA-TV-410-Existing Primary Tower - Major Tower Reinforcement /Modifications </div> <div> <b>Amount:</b> \$112,846.10 </div>

## 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 Cost Justification
<b>Outside Professional Services</b>	<b>\$237,183.00</b>	<b>\$202,048.00</b>		<b>\$136,572.22</b>	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$0.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,012.50	N/A
Project management of the transition	\$131,930.00	\$99,675.00	Per Widelity Strategic Support Quote	\$94,401.20	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$1,250.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,930.86	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$3,432.50	N/A
Site Survey	<b>\$17,684.00</b>	\$17,684.00	per GatesAir Quote GA-00013451	\$17,684.00	N/A
Arizona Sales Tax	<b>\$8,527.00</b>	\$8,527.00	N/A	\$0.00	N/A
Additional Field Engineering Service, 12 Days	<b>\$29,912.00</b>	\$29,912.00	Please see Resonant Results, Ltd Field Service Estimate	\$15,861.16	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$0.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$0.00	N/A
<b>Sub-total</b>	\$237,183.00	\$202,048.00	N/A	\$136,572.22	N/A
<b>Total for all systems</b>	\$2,868,350.63	\$2,758,006.57	N/A	\$1,396,926.90	N/A

## Components

Actual Information Description	File Name
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare and or review reimbursement form	<div> <b>Component Description:</b> KWBA-TV-590-Prepare and/or Review Reimbursement         </div> <div> <b>Amount:</b> \$375.00         </div>
	<div> <b>Component Description:</b> KWBA-TV-590-Prepare and/or Review Reimbursement         </div> <div> <b>Amount:</b> \$637.50         </div>
	<div> <b>Component Description:</b> Project Management         </div> <div> <b>Amount:</b> \$5,897.20         </div>
	<div> <b>Component Description:</b> Professional Services         </div> <div> <b>Amount:</b> \$75.00         </div>
Project management of the transition	<div> <b>Component Description:</b> Project Management         </div> <div> <b>Amount:</b> \$3,717.80         </div>
	<div> <b>Component Description:</b> Project Management         </div> <div> <b>Amount:</b> \$5,980.15         </div>



<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,144.95

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$8,135.25

<b>Component Description:</b>	FOR SERVICES RENDERED
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,500.15

<b>Component Description:</b>	Preparation of 387
<b>Amount:</b>	\$150.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,818.45

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$7,355.80

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,399.50

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$4,529.30

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$3,889.10

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,585.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$8,563.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,200.20

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,688.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,019.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,355.80

<b>Component Description:</b>	FOR SERVICES RENDERED
<b>Amount:</b>	\$150.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$93.55

<b>Component Description:</b>	FOR SERVICES RENDERED
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	KWBA 387 Form - 10 Weeks Before
<b>Amount:</b>	\$150.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$384.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,282.90

<b>Component Description:</b>	Professional Services
<b>Amount:</b>	\$4,208.45

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$342.80

<b>Component Description:</b>	FOR SERVICES RENDERED THROUGH: 10/1 /18-10/31/18
<b>Amount:</b>	\$150.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$13.30

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$5,469.35

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	<b>Component Description:</b> Professional Engineering Services Rendered <b>Amount:</b> \$1,250.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b> Engineering Services Rendered <b>Amount:</b> \$2,930.86

Perform engineering study  
for new channel  
assignment and antenna  
development

**Component Description:**

Repack Status  
Calls & Dielectric  
Call

**Amount:**

\$510.00

**Component Description:**

Professional  
Engineering  
Services Rendered

**Amount:**

\$2,175.00

**Component Description:**

Repack  
Conference Call  
/Status Discussion

**Amount:**

\$45.00

**Component Description:**

Calls w/ Repack  
Team, Info  
Gathering on  
Station, Coverage  
Maps

**Amount:**

\$345.00

**Component Description:**

Repack  
Conference Calls  
/Status Discussions

**Amount:**

\$210.00

**Component Description:**

Professional  
Engineering  
Services

**Amount:**

\$125.00

**Component Description:**

FCC Required  
Revisions

**Amount:**

\$22.50

Site Survey	<div> <div><b>Component Description:</b></div> <div>FIELD SERVICE, TV</div> <div><b>Amount:</b></div> <div>\$17,684.00</div> </div>
Arizona Sales Tax	Information not provided.
Additional Field Engineering Service, 12 Days	<div> <div><b>Component Description:</b></div> <div>Visit tower site, coordinate with studio, mapping of possible road repairs</div> <div><b>Amount:</b></div> <div>\$4,186.09</div> </div> <div> <div><b>Component Description:</b></div> <div>Repack invoice - 1st incremental billing for Scripps Media</div> <div><b>Amount:</b></div> <div>\$1,615.00</div> </div> <div> <div><b>Component Description:</b></div> <div>Repack invoice - incremental billing for Scripps</div> <div><b>Amount:</b></div> <div>\$10,060.07</div> </div>
RF Exposure Measurements	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare request for Special Temporary Authorization	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
<b>Other Expenses</b>	<b>\$277,348.61</b>	<b>\$276,783.61</b>		<b>\$101,293.16</b>	
Arizona Sales Tax	<i>\$21,349.00</i>	\$21,349.00	N/A	\$0.00	N/A
Equipment Rental	<i>\$1,280.98</i>	\$1,280.98	Please see Estimated Cost Justification KWBA-TV-610-Equipment Rental v0	\$1,280.95	N/A
Employee Time	<i>\$123,390.60</i>	\$123,390.60	N/A	\$0.00	N/A
MVPD Notification of Channel Change	<i>\$4,528.84</i>	\$4,528.84	Per KWBA DTVNotification PO 3003045189	\$4,528.84	N/A
Develop and air announcement of upcoming channel change	<i>\$5,000.00</i>	\$5,000.00	N/A	\$0.00	N/A
Equipment Storage	<i>\$20,000.00</i>	\$20,000.00	N/A	\$450.00	N/A
Equipment Delivery and Handling Charges	<i>\$62,356.19</i>	\$62,356.19	Estimated Cost Justification KWBA-TV-610-Equipment Delivery and Handling v1	\$62,356.17	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$27,113.00</b>	\$27,113.00	please see KWBATV Vista Clean Quote 878 and 790	\$27,113.00	N/A
Local Zoning	<b>\$250.00</b>	\$250.00	Please see KWBA-TV Local Zoning Budget Revision Justification Letter	\$250.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	\$0.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	\$0.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$5,314.20	N/A
<b>Sub-total</b>	\$277,348.61	\$276,783.61	N/A	\$101,293.16	N/A
<b>Total for all systems</b>	\$2,868,350.63	\$2,758,006.57	N/A	\$1,396,926.90	N/A

## Components

Actual Information	
Description	File Name
Arizona Sales Tax	Information not provided.



Equipment Rental	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Loader-grading tractor 4wd  \$680.08 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Chain hoist, 2 ton  \$111.24 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Torch-Set Complete  \$489.63 </div> </div>
Employee Time	Information not provided.
MVPD Notification of Channel Change	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> MVPD Notification Services  \$2,264.42 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> MVPD Notification Services  \$2,264.42 </div> </div>
Develop and air announcement of upcoming channel change	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Invoice moved to correct station.  N/A </div> </div>

Equipment Storage	<b>Component Description:</b>	Storage fees for antenna sections
	<b>Amount:</b>	\$100.00
	<b>Component Description:</b>	Storage fees for antenna section
	<b>Amount:</b>	\$50.00
	<b>Component Description:</b>	Storage fees for antenna section
	<b>Amount:</b>	\$300.00
Equipment Delivery and Handling Charges	<b>Component Description:</b>	Consideration for use of Road
	<b>Amount:</b>	\$5,000.00
	<b>Component Description:</b>	FORKLIFT-34' 6,000#
	<b>Amount:</b>	\$1,387.79
	<b>Component Description:</b>	FURNISH FORKLIFT AND OPERATOR TO OFFLOAD
	<b>Amount:</b>	\$120.00
	<b>Component Description:</b>	KWBA - Melendrez Pass - Tucson, AZ - Repack Antenna Receive and Delivery
	<b>Amount:</b>	\$11,610.00
	<b>Component Description:</b>	Equipment Delivery
	<b>Amount:</b>	\$5,495.00

	<b>Component Description:</b> Equipment Delivery <b>Amount:</b> \$2,000.00
	<b>Component Description:</b> KWBA-TV-610-Equipment Delivery and Handling <b>Amount:</b> \$24,831.00
	<b>Component Description:</b> Delivery Charges <b>Amount:</b> \$302.38
	<b>Component Description:</b> Equipment Delivery <b>Amount:</b> \$11,610.00
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>Component Description:</b> Industrial Junk Removal <b>Amount:</b> \$16,875.33
	<b>Component Description:</b> Dismantle, Removal, and responsible disposal <b>Amount:</b> \$10,237.67
Local Zoning	<b>Component Description:</b> Professional Engineering Services <b>Amount:</b> \$250.00
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

DTV Medical Facility Notification	<b>Component Description:</b>	DTV Notification
		Service
	<b>Amount:</b>	\$2,657.10
	<b>Component Description:</b>	DTV Notification
		Service
	<b>Amount:</b>	\$2,657.10

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,868,350.63	\$2,758,006.57	\$1,396,926.90

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	<p>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.</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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.

	<p>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.</p>	
	<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b> Sravan V Reddy , Reddy .</b>  <i> Senior Director, General Accounting</i></p> <p>06/01/2021</p>



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 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Pravan V Reddy , Reddy .</b>  <i>Senior Director, General Accounting</i></p> <p>06/01/2021</p>

## Attachments