



(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 **06/29**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
SCRIPPS BROADCASTING HOLDINGS LLC 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
Ray Thurber <i>Vice President Engineering</i> SCRIPPS BROADCASTING HOLDINGS LLC	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
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold 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
Arizona Sales Tax	Arizona Sales Tax on Retuning of Existing Aux Transmitter and New Mask Filter.
Auxiliary Transmitter - Additional Parts	Auxiliary Transmitter - Additional Parts

**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	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.
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 leasehold 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
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Transmitter Headroom Replication Step-up	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
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	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
Combiner for Shared Antenna	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
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?	

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

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
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	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
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	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
Arizona Sales Tax	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

Land Mobile

Microwave Relay

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
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.
Tower Survey	Existing Primary Tower - Tower Survey
PE Review of Rigging Plan	Professional Engineering review of proposed rigging plan as required by ANSI /ASEE A10.48 and ANSI/TIA 322 standards.
Arizona Sales Tax	Arizona Sales Tax on Tower Expenses

**Outside
Professional Services Costs**

Section	Question	Response
Outside Project Management Services	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.
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	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

RF Field Engineering Services	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
Arizona Sales Tax	Arizona Sales Tax on Professional Services Expenses
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 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	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
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**

Other Expenses Not Listed

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

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 ULXTE-20	\$732,126.00	\$697,250.78		\$481,267.23	
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
Auxiliary Transmitter TMU9	\$130,570.00	\$128,391.25		\$8,176.94	
Arizona Sales Tax	\$20,834.00	\$20,834.00	N/A	\$619.69	N/A
Auxiliary Transmitter - Additional Parts	\$381.00	\$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
Sub-total	\$862,696.00	\$825,642.03	N/A	\$489,444.17	N/A
Total for all systems	\$2,868,350.63	\$2,758,061.37	N/A	\$1,402,255.50	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)	Component Description: Amount:	ELECTRICAL \$3,665.00
Transformer 3 phase/480v - 150 KVA	Component Description: Amount:	KWBA- Repack L & M \$28,115.00
Switchgear - industrial 800 amp	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	Component Description: Amount:	SNMP FOR ARC PLUS V5 and SL \$476.00
	Component Description: Amount:	Invoice to be resubmitted. N/A
	Component Description: Amount:	ULXTE-20 \$449,011.23
Arizona Sales Tax	Component Description: Amount:	KWBA-TV-150-1st Auxiliary Transmitter - Arizona Sales Tax \$619.69

Auxiliary Transmitter - Additional Parts	<table> <tr> <td data-bbox="708 174 1023 210">Component Description:</td><td data-bbox="1157 174 1370 286"> Rohde & Schwarz Inc Qt# 106622.0 KWBA </td></tr> <tr> <td data-bbox="708 297 826 333">Amount:</td><td data-bbox="1157 297 1254 333">\$381.00</td></tr> </table>	Component Description:	Rohde & Schwarz Inc Qt# 106622.0 KWBA	Amount:	\$381.00
Component Description:	Rohde & Schwarz Inc Qt# 106622.0 KWBA				
Amount:	\$381.00				
UHF and VHF - minor banding issues	Information not provided.				
3 kW mask filter	<table> <tr> <td data-bbox="708 577 1023 613">Component Description:</td><td data-bbox="1157 577 1374 734"> KWBA-TV-150-1st Auxiliary Transmitter - 3 kW Mask Filter </td></tr> <tr> <td data-bbox="708 745 826 781">Amount:</td><td data-bbox="1157 745 1276 781">\$7,176.25</td></tr> </table>	Component Description:	KWBA-TV-150-1st Auxiliary Transmitter - 3 kW Mask Filter	Amount:	\$7,176.25
Component Description:	KWBA-TV-150-1st Auxiliary Transmitter - 3 kW Mask Filter				
Amount:	\$7,176.25				

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	
Arizona Sales Tax	<i>\$20,761.00</i>	\$20,761.00	N/A	\$0.00	N/A
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
Sub-total	\$316,991.00	\$316,234.11	N/A	\$229,972.49	N/A
Total for all systems	\$2,868,350.63	\$2,758,061.37	N/A	\$1,402,255.50	N/A

Components

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

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized

Component Description:

UHF - HIGH POWER TOP MOUNT (200 - 1,000 KW)

Amount:

\$22,997.25

Component Description:

UHF - HIGH POWER TOP MOUNT (200 - 1,000 KW)

Amount:

\$103,487.62

Component Description:

High Power Top Mount

Amount:

\$103,487.62

Component Description:

Invoice moved to correct budget category

Amount:

N/A

Component Description:

Invoice moved to correct budget category.

Amount:

N/A

Component Description:

Invoice moved to correct budget category

Amount:

N/A

Sweep test of existing antenna

Component Description: Sweep Test
Amount: (\$5,760.00)

Component Description: Sweep Test
Amount: \$2,880.00

Component Description: KWBA-TV-210-
Primary Antenna -
Sweep Test
Amount: \$640.00

Component Description: KWBA-TV-210-
Primary Antenna -
Sweep Test
Amount: \$2,880.00

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	\$2,758,061.37	N/A	\$1,402,255.50	N/A

Components

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

Flexible Air Transmission
Line - dielectric, 5"

Component Description:	Tx Line
Amount:	\$10,224.27
Component Description:	KWBA-TV-310- Primary Transmission Line - 5" Flexible Air Dielectric
Amount:	\$3,003.56
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 and Shipping
Amount:	\$1,124.89
Component Description:	Reducer 6-50 EIA
Amount:	\$1,877.15
Component Description:	Other REDUCER 4-50 X 1-50
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
Primary Tower TOWER	\$1,151,412.02	\$1,108,112.02		\$412,178.07	
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$112,846.10	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
Arizona Sales Tax	\$116,316.00	\$116,316.00	N/A	\$996.00	N/A
Structural Analysis and Soil Bore	\$20,000.00	\$20,000.00	N/A	\$9,350.00	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
PE Review of Rigging Plan	\$7,500.00	\$7,500.00	N/A	\$0.00	N/A

Tower Survey	\$2,150.00	\$2,150.00	Please see KWBA-TV Alta Land Survey Inc. Proposal dated 12-19-2017	\$2,150.00	N/A
Road Improvement	\$137,146.02	\$137,146.02	Please see Estimated Cost Justification KWBA-TV-410-Existing Primary Tower - Road Improvement v1	\$137,146.01	N/A
Sub-total	\$1,151,412.02	\$1,108,112.02	N/A	\$412,178.07	N/A
Total for all systems	\$2,868,350.63	\$2,758,061.37	N/A	\$1,402,255.50	N/A

Components

Actual Information	
Description	File Name
Major tower reinforcement /modifications	<p>Component Description: KWBA-TV-410-Existing Primary Tower - Major Tower Reinforcement /Modifications</p> <p>Amount: \$112,846.10</p>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.

Arizona Sales Tax	Component Description: KWBA-TV-410-Existing Primary Tower - Arizona Sales Tax Amount: \$996.00
Structural Analysis and Soil Bore	Component Description: KWBA-TV-410-Existing Primary Tower - Structural Analysis and Soil Bore Amount: \$5,500.00 Component Description: Engineering Services Rendered Amount: \$3,850.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description: Tower services rendered per FCC repack directive at KWBA-TV Amount: \$149,689.96
PE Review of Rigging Plan	Information not provided.
Tower Survey	Component Description: Job Set Up and Calculations Amount: \$2,150.00

Road Improvement		
	Component Description:	Road access and repair expenses
	Amount:	\$1,368.52
	Component Description:	Site Work
	Amount:	\$2,588.49
	Component Description:	Rough Grade
	Amount:	\$133,189.00

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 Cost Justification
Outside Professional Services	\$237,183.00	\$202,102.80		\$141,900.82	
Additional Field Engineering Service, 12 Days	\$29,912.00	\$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
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	\$99,729.80	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$99,729.80	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
Arizona Sales Tax	\$8,527.00	\$8,527.00	N/A	\$0.00	N/A
Site Survey	\$17,684.00	\$17,684.00	per GatesAir Quote GA-00013451	\$17,684.00	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
Sub-total	\$237,183.00	\$202,102.80	N/A	\$141,900.82	N/A
Total for all systems	\$2,868,350.63	\$2,758,061.37	N/A	\$1,402,255.50	N/A

Components

Actual Information	
Description	File Name
Additional Field Engineering Service, 12 Days	Component Description: Repack invoice - 1st incremental billing for Scripps Media Amount: \$1,615.00
	Component Description: Repack invoice - incremental billing for Scripps Amount: \$10,060.07
	Component Description: Visit tower site, coordinate with studio, mapping of possible road repairs Amount: \$4,186.09
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.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.

Prepare and or review reimbursement form	Component Description:	KWBA-TV-590- Prepare and/or Review
	Amount:	Reimbursement \$375.00
	Component Description:	KWBA-TV-590- Prepare and/or Review
	Amount:	Reimbursement \$637.50
Project management of the transition	Component Description:	Professional Services
	Amount:	\$4,208.45
	Component Description:	KWBA 387 Form -
	Amount:	10 Weeks Before \$150.00
	Component Description:	Project Management
	Amount:	\$5,897.20
	Component Description:	Professional Services
	Amount:	\$75.00
	Component Description:	Project Management
	Amount:	\$3,717.80
	Component Description:	Project Management
	Amount:	\$5,980.15

Component Description:	Project Management
Amount:	\$5,144.95

Component Description:	Project management
Amount:	\$8,135.25

Component Description:	Project Management
Amount:	\$5,328.60

Component Description:	Project management
Amount:	\$5,469.35

Component Description:	FOR SERVICES RENDERED
Amount:	\$75.00

Component Description:	Project Management
Amount:	\$2,500.15

Component Description:	Preparation of 387
Amount:	\$150.00

Component Description:	Project Management
Amount:	\$2,818.45

Component Description:	Project Management
Amount:	\$7,355.80

Component Description:	Project Management
Amount:	\$5,399.50

Component Description:	Project management
Amount:	\$3,889.10

Component Description:	Project Management
Amount:	\$13.30

Component Description:	Project Management
Amount:	\$8,563.05

Component Description:	Project Management
Amount:	\$4,019.95

Component Description:	Project Management
Amount:	\$3,355.80

Component Description:	Project Management
Amount:	\$2,200.20

Component Description:	Project Management
Amount:	\$342.80

Component Description:	Project Management
Amount:	\$1,688.95

Component Description:	FOR SERVICES RENDERED
Amount:	\$75.00

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

Component Description:	Project Management
Amount:	\$2,282.90

Component Description:	Project management
Amount:	\$4,529.30

Component Description:	FOR SERVICES RENDERED
Amount:	\$150.00

Component Description:	Project Management
Amount:	\$5,585.30

Component Description:	Project Management
Amount:	\$93.55

Component Description:	Project Management
Amount:	\$384.95

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Professional Engineering Services Rendered Amount: \$1,250.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Engineering Services Rendered Amount: \$2,930.86
Arizona Sales Tax	Information not provided.
Site Survey	Component Description: FIELD SERVICE, TV Amount: \$17,684.00

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

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	\$277,348.61	\$276,783.61		\$101,293.16	
Equipment Storage	<i>\$20,000.00</i>	\$20,000.00	N/A	\$450.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$5,314.20	N/A
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 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)	\$27,113.00	\$27,113.00	please see KWBATV Vista Clean Quote 878 and 790	\$27,113.00	N/A
Local Zoning	\$250.00	\$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
Sub-total	\$277,348.61	\$276,783.61	N/A	\$101,293.16	N/A
Total for all systems	\$2,868,350.63	\$2,758,061.37	N/A	\$1,402,255.50	N/A

Components

Actual Information
Description

File Name

Equipment Storage	Component Description:	Storage fees for antenna sections
	Amount:	\$100.00
	Component Description:	Storage fees for antenna section
	Amount:	\$50.00
	Component Description:	Storage fees for antenna section
	Amount:	\$300.00
DTV Medical Facility Notification	Component Description:	DTV Notification Service
	Amount:	\$2,657.10
	Component Description:	DTV Notification Service
	Amount:	\$2,657.10
Arizona Sales Tax	Information not provided.	
Equipment Rental	Component Description:	Loader-grading tractor 4wd
	Amount:	\$680.08
	Component Description:	Chain hoist, 2 ton
	Amount:	\$111.24
	Component Description:	Torch-Set Complete
	Amount:	\$489.63
Employee Time	Information not provided.	

MVPD Notification of Channel Change	Component Description:	MVPD Notification Services
	Amount:	\$2,264.42
	Component Description:	MVPD Notification Services
	Amount:	\$2,264.42
Develop and air announcement of upcoming channel change	Component Description:	Invoice moved to correct station.
	Amount:	N/A
Equipment Delivery and Handling Charges	Component Description:	KWBA-TV-610-Equipment Delivery and Handling
	Amount:	\$24,831.00
	Component Description:	Consideration for use of Road
	Amount:	\$5,000.00
	Component Description:	FORKLIFT-34' 6,000#
	Amount:	\$1,387.79
	Component Description:	FURNISH FORKLIFT AND OPERATOR TO OFFLOAD
	Amount:	\$120.00

	Component Description: Amount:	KWBA - Melendrez Pass - Tucson, AZ - Repack Antenna Receive and Delivery \$11,610.00
	Component Description: Amount:	Equipment Delivery \$5,495.00
	Component Description: Amount:	Equipment Delivery \$2,000.00
	Component Description: Amount:	Delivery Charges \$302.38
	Component Description: Amount:	Equipment Delivery \$11,610.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description: Amount:	Dismantle, Removal, and responsible disposal \$10,237.67
	Component Description: Amount:	Industrial Junk Removal \$16,875.33
Local Zoning	Component Description: Amount:	Professional Engineering Services \$250.00

FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

**Cost
Information**

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,868,350.63	\$2,758,061.37	\$1,402,255.50

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"> 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.

	<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> Sravan V Reddy , Reddy . <i> Senior Director, General Accounting</i></p> <p>06/29/2021</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>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).</p>	
		<ol style="list-style-type: none"> 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.

<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>Pravan V Reddy , Reddy . <i>Senior Director, General Accounting</i></p> <p>06/29/2021</p>

Attachments