



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **59444** | Service: **DTV** | Call **KSHB-TV** | Channel: **36 (UHF)** |  
ID: | Sign: |  
File **0000027266**  
Number:  
FRN: **0002710192** | Date **07/13**  
Submitted: **/2021**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>SCRIPPS BROADCASTING HOLDINGS LLC</b>	David Giles 312 WALNUT STREET 28TH FLOOR CINCINNATI, OH 45202 United States	+1 (513) 977- 3000	DAVE. GILES@SCRIPPS. COM	Limited Liability Company

## 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>SCRIPPS BROADCASTING HOLDINGS LLC</i>	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.		Yes
Briefly describe transition plan		KSHB must replace its main and auxiliary antenna and main and auxiliary transmitter in order to move it its new channel.

**Transmitters**

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

**Auxiliary  
Transmitter****Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Backup Auxiliary
	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	HP25SDW
	Year	2003
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	25.0 kW

**Auxiliary  
Transmitter****New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	ULXTE-50
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	31.7 kW
	Justification for New Transmitter	Current Axcera transmitter is orphaned and no longer supported by the manufacturer. It cannot be retuned. Higher power is required because the antenna was moved to a lower height on the tower.

**Auxiliary  
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	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Necessary switchgear, transformer, conduit, wiring, and fuse disconnects as quoted by electrical contractor for auxiliary transmitter.
<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

**Auxiliary  
Transmitter**

**Other Transmitter Cost Not Listed**

Information not provided.

**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	HP60DDW
	Year	2003
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60.0 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-120
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	75.1 kW
	Justification for New Transmitter	Current Axcera 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)	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, transformer, conduit, wiring, and fuse disconnects as quoted by electrical contractor for primary transmitter.
<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
Primary Transmitter De-installation	Primary Transmitter De-installation
Primary Transmitter Mask Filter	Primary Transmitter Mask Filter

**Antennas**

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

## Auxiliary Antenna

### Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Backup Auxiliary
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	Yes
	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	Elliptical
	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	TFU- 30DSC-R 4C130DC
Year	2003

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

Facility ID	Call Sign
42636	KMCI-TV

**Auxiliary  
Antenna**

**New Antenna Costs**

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Backup Auxiliary
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	2
	Number of Panels/Bays	14
	Lower Limit	470.00 MHz
	Upper Limit	728.00 MHz
	Design power capacity in use	80.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	1000.0 kW
	Manufacturer	

Model	TUA-04-14 /56H-1-S
Year	2018
Justification for New Antenna	Existing KSHB auxiliary antenna is a side-mounted coaxial slot antenna. The existing KMCI auxiliary is also a side-mounted coaxial slot antenna. To save money in the repack, Scripps is proposing to combined these facilities into a single antenna located

## Auxiliary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A

	Do you need a combiner output splitter /switcher for dual feed lines?	No
<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?	No
<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

**Enter a list of RF channel numbers.**

**RF Channel Number**

36

25

**Auxiliary Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**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?	Yes
	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
<b>Existing Antenna Manufacturer and Type</b>	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	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) .....	730.0 kW



Manufacturer	
Model	TFU-30GTH /VP-R O6 DC 4241
Year	2009

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

Facility ID	Call Sign
42636	KMCI-TV

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	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) .....	647.0 kW
	Manufacturer	

Model	TFU-28GTH /VP-R O6
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?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
<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**

Information not provided.

**Transmission Line**

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

**Auxiliary**      **Existing Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Backup Auxiliary
	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	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	1060 feet per run

**Auxiliary**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Auxiliary (Backup)
	Description of Use	Backup Auxiliary
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1120 feet per run
	Justification for New Transmission Line	KSHB will share a broadband panel antenna with KMCI. In order to facilitate both stations using the same antenna, the transmission line must be sized for both channels (Ch. 25 and Ch. 36).

Auxiliary  
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Transmission Line Connectors	Copper line and flanges for connecting the line to the transmitter



**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?	Yes
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	8 3/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1180 feet per run

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

Facility ID	Call Sign
42636	KMCI-TV

**Primary** **New Transmission Line**  
**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	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1180 feet per run
	Justification for New Transmission Line	The current KSHB transmission line has 19-1/2" segment lengths which will not work for the new Ch. 36.

**Primary** **Other Transmission Line Expenses Not Listed**  
**Transmission Line**

Information not provided.

**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Primary  
Tower**

**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?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1234587
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	38° 58' 42.0" N-
	Longitude (NAD83)	094° 32' 01.8" W-
	Overall Structure Height	1152.87 feet
	Support Structure Height	1099.72 feet
	Ground Elevation Above Mean Sea Level (AMSL)	884.83 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	SCRIPPS MEDIA, INC.
	Date Constructed	08/20/2009

**FM, AM or TV radio  
broadcasters. Facility ID's,  
Call Signs and Services of  
other broadcast stations with  
whom the tower is shared**

Facility ID	Call Sign	Service
42636	KMCI-TV	DTV

### Primary Tower

#### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	No reinforcements needed

### Primary Tower

#### Tower Rigging Costs

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
Road Modification	Road Modification for large equipment to be delivered to site required for repack
PE Review of Rigging Plan	Professional Engineering review of proposed rigging plan as required by ANSI /ASEE A10.48 and ANSI/TIA 322 standards.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	595
	Explanation	reimbursement filing, expense tracking, vendor coordination, progress reporting, budget creation, budget review, budget tracking, daisy-chain monitoring and all other activities necessary
<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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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
<b>RF Field Engineering Services</b>	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
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
<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	No
	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
<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 KSHB employees to work on the transition to a new channel.

## 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-120</b>	<b>\$2,135,282.50</b>	<b>\$2,135,282.50</b>		<b>\$1,408,691.01</b>	
Primary Transmitter Mask Filter	<i>\$122,995.13</i>	\$122,995.13	Please see GatesAir quote GA-00023572	\$64,975.73	N/A
UHF - Liquid Cooled Solid State Transmitter 75.1 kW	<i>\$1,930,554.82</i>	\$1,930,554.82	Please see GatesAir quotes Q-73346 and GA-00024100. Please note that taxes are still to be invoiced and the estimated cost adjustment will be made once complete.	\$1,289,385.78	N/A

Other Electrical Service: Necessary switchgear, transformer, conduit, wiring, and fuse disconnects as quoted by electrical contractor for primary transmitter.	<b>\$59,009.50</b>	\$59,009.50	Please see KSHB-TV Auxiliary and Primary Transmitters - Other Electrical Services Budget Justification Cover Letter. Cost is shared with KMCI and split between KSHB Primary and Auxiliary Transmitters.	\$54,329.50	N/A
Primary Transmitter De-installation	<b>\$22,723.05</b>	\$22,723.05	Please see GatesAir quote GA-00023572	N/A	N/A
<b>Auxiliary Transmitter ULXTE-50</b>	<b>\$824,745.40</b>	<b>\$749,745.40</b>		<b>\$730,702.33</b>	
Other Electrical Service: Necessary switchgear, transformer, conduit, wiring, and fuse disconnects as quoted by electrical contractor for auxiliary transmitter.	<b>\$22,778.00</b>	\$22,778.00	KSHB-TV Auxiliary and Primary Transmitters - Other Electrical Services Budget Justification Cover Letter. Cost is shared with KMCI and split between KSHB Primary and Auxiliary Transmitters.	\$21,458.00	N/A

Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$0.00	N/A	\$0.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$0.00	N/A	\$0.00	N/A
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	<b>\$726,967.40</b>	\$726,967.40	Please see attached GatesAir Quote Q- 62225	\$709,244.33	N/A
<b>Sub-total</b>	\$2,960,027.90	\$2,885,027.90	N/A	\$2,139,393.34	N/A
<b>Total for all systems</b>	\$4,903,556.83	\$4,620,575.36	N/A	\$3,490,185.13	N/A

## Components

Actual Information	
Description	File Name
Primary Transmitter Mask Filter	<p><b>Component Description:</b> KSHB-TV-110-1st Primary Transmitter - Mask Filter</p> <p><b>Amount:</b> \$64,975.73</p>
UHF - Liquid Cooled Solid State Transmitter 75.1 kW	<p><b>Component Description:</b> Transmitter</p> <p><b>Amount:</b> \$1,289,385.78</p>
Other Electrical Service: Necessary switchgear, transformer, conduit, wiring, and fuse disconnects as quoted by electrical contractor for primary transmitter.	<p><b>Component Description:</b> Transmitter Hook- Up</p> <p><b>Amount:</b> \$54,329.50</p>
Primary Transmitter De- installation	Information not provided.

Other Electrical Service: Necessary switchgear, transformer, conduit, wiring, and fuse disconnects as quoted by electrical contractor for auxiliary transmitter.	<div> <b>Component Description:</b> KSHB-TV-150-1st Auxiliary Transmitter - Other Electrical Services </div> <div> <b>Amount:</b> \$21,458.00 </div>
Transformer 3 phase/480v - 300 KVA	Information not provided.
Switchgear - industrial 800 amp	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	<div> <b>Component Description:</b> 1/3 Down Payment </div> <div> <b>Amount:</b> \$245,989.12 </div> <div> <b>Component Description:</b> ULXTE-50 Transmitter per Quote Q-62225 </div> <div> <b>Amount:</b> \$5,000.00 </div> <div> <b>Component Description:</b> ULXTE-50 Transmitter </div> <div> <b>Amount:</b> \$155,649.79 </div> <div> <b>Component Description:</b> Aux Transmitter </div> <div> <b>Amount:</b> \$56,616.30 </div> <div> <b>Component Description:</b> ULXTE-50 Transmitter </div> <div> <b>Amount:</b> \$245,989.12 </div>

## 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
<b>Primary Antenna TFU-28GTH /VP-R 06</b>	<b>\$308,530.00</b>	<b>\$296,253.17</b>		<b>\$269,294.23</b>	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$14,853.17	Per Estimated Cost Justification KSHB-TV-210-Primary Antenna - Elbow Complex v1	\$10,396.73	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$275,000.00	N/A	\$252,497.50	N/A
<b>Auxiliary Antenna TUA-04-14 /56H-1-S</b>	<b>\$291,557.36</b>	<b>\$223,833.49</b>		<b>\$214,216.21</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,200.00	N/A

UHF “ Broadband Panel, Side Mount Auxiliary /Interim, 1000 horizontally polarized	<b>\$200,627.36</b>	\$200,627.36	per Estimated Cost Justification KSHB-TV- 250- Auxiliary Antenna - UHF Broadband Panel, Side Mount, H- POL V0	\$194,703.73	.
New combiner, cost per channel (without antenna)	\$84,200.00	\$16,806.13	per Estimated Cost Justification KSHB-TV- 250- Auxiliary Antenna - New Combiner V0	\$16,312.48	N/A
<b>Sub-total</b>	\$600,087.36	\$520,086.66	N/A	\$483,510.44	N/A
<b>Total for all systems</b>	\$4,903,556.83	\$4,620,575.36	N/A	\$3,490,185.13	N/A

## Components

Actual Information	
Description	File Name



Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<b>Component Description:</b> <b>Amount:</b>	Elbow Complex \$4,633.88
	<b>Component Description:</b> <b>Amount:</b>	Elbow Complex \$4,633.88
	<b>Component Description:</b> <b>Amount:</b>	KSHB-TV-210- Primary Antenna - Elbow Complex \$1,128.97
Sweep test of existing antenna	<b>Component Description:</b> <b>Amount:</b>	INCLUDES ONE FIELD ENGINEER ON- SITE FOR ONE DAY \$6,400.00
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 \$31,327.00
	<b>Component Description:</b> <b>Amount:</b>	Antenna \$110,585.25
	<b>Component Description:</b> <b>Amount:</b>	Antenna \$110,585.25
Sweep test of existing antenna	<b>Component Description:</b> <b>Amount:</b>	OTHER \$3,200.00

UHF “ Broadband Panel, Side Mount Auxiliary/Interim, 1000 horizontally polarized	<table> <tr> <td data-bbox="719 174 1027 208"><b>Component Description:</b></td><td data-bbox="1161 174 1358 286">Antenna for purchase of interim antennas</td></tr> <tr> <td data-bbox="719 297 831 331"><b>Amount:</b></td><td data-bbox="1161 297 1294 331">\$87,616.68</td></tr> <tr> <td data-bbox="719 432 1027 465"><b>Component Description:</b></td><td data-bbox="1161 432 1289 465">ANTENNA</td></tr> <tr> <td data-bbox="719 477 831 510"><b>Amount:</b></td><td data-bbox="1161 477 1294 510">\$19,470.37</td></tr> <tr> <td data-bbox="719 611 1027 645"><b>Component Description:</b></td><td data-bbox="1161 611 1289 645">ANTENNA</td></tr> <tr> <td data-bbox="719 656 831 689"><b>Amount:</b></td><td data-bbox="1161 656 1294 689">\$87,616.68</td></tr> </table>	<b>Component Description:</b>	Antenna for purchase of interim antennas	<b>Amount:</b>	\$87,616.68	<b>Component Description:</b>	ANTENNA	<b>Amount:</b>	\$19,470.37	<b>Component Description:</b>	ANTENNA	<b>Amount:</b>	\$87,616.68
<b>Component Description:</b>	Antenna for purchase of interim antennas												
<b>Amount:</b>	\$87,616.68												
<b>Component Description:</b>	ANTENNA												
<b>Amount:</b>	\$19,470.37												
<b>Component Description:</b>	ANTENNA												
<b>Amount:</b>	\$87,616.68												
New combiner, cost per channel (without antenna)	<table> <tr> <td data-bbox="719 817 1027 851"><b>Component Description:</b></td><td data-bbox="1161 817 1369 929">KSHB-TV-250- Auxiliary Antenna - New Combiner</td></tr> <tr> <td data-bbox="719 940 831 974"><b>Amount:</b></td><td data-bbox="1161 940 1278 974">\$7,340.62</td></tr> <tr> <td data-bbox="719 1075 1027 1108"><b>Component Description:</b></td><td data-bbox="1161 1075 1369 1187">KSHB-TV-250- Auxiliary Antenna - New Combiner</td></tr> <tr> <td data-bbox="719 1198 831 1232"><b>Amount:</b></td><td data-bbox="1161 1198 1278 1232">\$1,631.24</td></tr> <tr> <td data-bbox="719 1332 1027 1366"><b>Component Description:</b></td><td data-bbox="1161 1332 1369 1444">KSHB-TV-250- Auxiliary Antenna - New Combiner</td></tr> <tr> <td data-bbox="719 1456 831 1489"><b>Amount:</b></td><td data-bbox="1161 1456 1278 1489">\$7,340.62</td></tr> </table>	<b>Component Description:</b>	KSHB-TV-250- Auxiliary Antenna - New Combiner	<b>Amount:</b>	\$7,340.62	<b>Component Description:</b>	KSHB-TV-250- Auxiliary Antenna - New Combiner	<b>Amount:</b>	\$1,631.24	<b>Component Description:</b>	KSHB-TV-250- Auxiliary Antenna - New Combiner	<b>Amount:</b>	\$7,340.62
<b>Component Description:</b>	KSHB-TV-250- Auxiliary Antenna - New Combiner												
<b>Amount:</b>	\$7,340.62												
<b>Component Description:</b>	KSHB-TV-250- Auxiliary Antenna - New Combiner												
<b>Amount:</b>	\$1,631.24												
<b>Component Description:</b>	KSHB-TV-250- Auxiliary Antenna - New Combiner												
<b>Amount:</b>	\$7,340.62												

## 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
<b>Primary Transmission Line</b>	<b>\$238,360.00</b>	<b>\$226,560.00</b>		<b>\$174,361.82</b>	
Rigid Transmission Line - copper, 6 1/8"	\$238,360.00	\$226,560.00	N/A	\$174,361.82	N/A
<b>Auxiliary Transmission Line</b>	<b>\$479,341.03</b>	<b>\$166,922.16</b>		<b>\$160,282.15</b>	
Transmission Line Connectors	<i>\$32,461.03</i>	\$32,461.03	see Estimated Cost Justification KSHB-TV-350-Auxiliary Transmission Line - Line Connector v0	\$32,461.03	Invoices
Rigid Transmission Line - copper, 8 3/16" broadband	\$446,880.00	\$134,461.13	see Estimated Cost Justification KSHB-TV-350-Auxiliary Transmission Line - 8 3_16 Broadband Rigid Copper v0	\$127,821.12	N/A
<b>Sub-total</b>	<b>\$717,701.03</b>	<b>\$393,482.16</b>	<b>N/A</b>	<b>\$334,643.97</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$4,903,556.83</b>	<b>\$4,620,575.36</b>	<b>N/A</b>	<b>\$3,490,185.13</b>	<b>N/A</b>

### Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 6 1/8"	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>KSHB-TV-310-Primary</div> <div>Transmission Line - 6 1/8" Rigid Copper</div> <div>\$9,919.24</div> </div>
	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Transmission Line</div> <div>\$6,804.25</div> </div>
	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Transmission Line</div> <div>\$71,413.96</div> </div>
	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>ELBOW 6-75 EIA 9 X 9 CU</div> <div>\$5,788.53</div> </div>
	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>FREIGHT, SHIPPING, AND HANDLING</div> <div>\$288.14</div> </div>
	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>RIGID TRANSMISSION LINE - COPPER</div> <div>\$1,581.00</div> </div>
	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>RIGID TRANSMISSION LINE - COPPER</div> <div>\$1,105.00</div> </div>
	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>FINAL ASSAY - BROADCAST</div> <div>\$1,006.25</div> </div>

<b>Component Description:</b>	Transmission Line
<b>Amount:</b>	\$71,413.96

<b>Component Description:</b>	TLSCR 6-75 EHT COATED
<b>Amount:</b>	\$4,511.01

<b>Component Description:</b>	FREIGHT, SHIPPING, AND HANDLING
<b>Amount:</b>	\$530.48

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Transmission Line  
Connectors

**Component Description:** Other FREIGHT,  
SHIPPING, AND  
HANDLING  
**Amount:** \$801.90

**Component Description:** Pressure Sensor  
100KPA  
**Amount:** \$1,320.90

**Component Description:** Flange Assy 8 3/16  
FXD Solder  
**Amount:** \$4,981.20

**Component Description:** RIGID  
TRANSMISSION  
LINE - COPPER  
**Amount:** \$6,644.45

**Component Description:** Other Freight,  
Shipping, and  
Handling  
**Amount:** \$160.56

**Component Description:** ELBOW 8-75 EIA  
DIGIT 12 X 24  
**Amount:** \$16,800.00

**Component Description:** Other FREIGHT,  
SHIPPING, AND  
HANDLING  
**Amount:** \$17.50

**Component Description:** Other Freight,  
Shipping and  
Handling  
**Amount:** \$1,734.52

Rigid Transmission Line - copper, 8 3/16" broadband		
	<b>Component Description:</b>	KSHB-TV-350-Auxiliary Transmission Line - 8 3/16" Broadband Rigid Copper
	<b>Amount:</b>	\$57,519.50
	<b>Component Description:</b>	KSHB-TV-350-Auxiliary Transmission Line - 8 3/16" Broadband Rigid Copper
	<b>Amount:</b>	\$12,782.12
	<b>Component Description:</b>	KSHB-TV-350-Auxiliary Transmission Line - 8 3/16" Broadband Rigid Copper
	<b>Amount:</b>	\$57,519.50

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	\$251,360.00	\$420,260.00		\$357,660.00	
Tall Tower (greater than 500')	\$210,500.00	\$380,000.00	PCI quoted cost (quote attached) for rigging for both main and auxiliary antennas that need to be replaced. (Sweep test costs have been.)	\$330,100.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$3,050.00	N/A
Road Modification	<i>\$24,510.00</i>	\$24,510.00	Please see HomeMeister LLC Estimate	\$24,510.00	N/A
PE Review of Rigging Plan	<i>\$3,750.00</i>	\$3,750.00	Cost split with KMCI.	\$0.00	N/A
Sub-total	\$251,360.00	\$420,260.00	N/A	\$357,660.00	N/A
Total for all systems	\$4,903,556.83	\$4,620,575.36	N/A	\$3,490,185.13	N/A

Components



**Actual Information****Description****File Name**

Tall Tower (greater than 500')

**Component Description:**

Balance due on completion

**Amount:**

\$62,680.00

**Component Description:**

11/12/18 Weather day due to snow and high wind

**Amount:**

\$43,005.00

**Component Description:**

Weather Days for KSHB Main Repack Work (Jan2021)

**Amount:**

\$4,200.00

**Component Description:**

Amount due on proposal acceptance

**Amount:**

\$68,020.00

**Component Description:**

Per Precision Communications, Inc. Addendum to Proposal 18835-6 for March and April 2019 Weather Days, work performed outside scope of work, and additional engineering charge

**Amount:**

\$26,875.00

**Component Description:**

Amount due upon acceptance

**Amount:**

\$125,320.00

Structural engineering tower load study for well documented tower	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Analysis of 1100' guyed tower for re-pack  \$3,050.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Analysis - 1146' Guyed Tower  \$700.00 </div> </div>
Road Modification	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Deposit Road Rebuilding  \$12,255.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Total Cost of Project as estimated  \$12,255.00 </div> </div>
PE Review of Rigging Plan	Information not provided.

## 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>\$153,690.00</b>	<b>\$181,593.10</b>		<b>\$144,418.10</b>	
Project management of the transition	\$94,010.00	\$125,078.10	The estimated cost has been adjusted to include all invoices submitted for reimbursement at this time.	\$125,078.10	N/A
Site Survey	<i>\$13,765.00</i>	\$13,765.00	N/A	\$13,765.00	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	\$0.00	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$0.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$3,712.50	N/A

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$787.50	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	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
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	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 request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	\$825.00	N/A

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$0.00	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	\$0.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$250.00	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	\$0.00	N/A
<b>Sub-total</b>	\$153,690.00	\$181,593.10	N/A	\$144,418.10	N/A
<b>Total for all systems</b>	\$4,903,556.83	\$4,620,575.36	N/A	\$3,490,185.13	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Project management of the transition

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$8,895.15
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,434.05
<b>Component Description:</b>	Project management
<b>Amount:</b>	\$2,991.80
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,606.55
<b>Component Description:</b>	FOR SERVICES RENDERED THROUGH: 6/1/19-6/30/19
<b>Amount:</b>	\$150.00
<b>Component Description:</b>	Project management
<b>Amount:</b>	\$4,725.25
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$7,191.40
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$572.80

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,787.70

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$848.30

<b>Component Description:</b>	FCC Repack
<b>Amount:</b>	\$37.50

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,543.30

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$64.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$10,554.50

<b>Component Description:</b>	FOR SERVICES RENDERED THROUGH: 10/1/18-10/31/18
<b>Amount:</b>	\$75.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$741.05

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,972.35

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,559.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,598.45

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$8,844.55

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$6,172.85

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,160.55

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,955.95

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$8,689.95

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

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$7,027.20



<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,259.15

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

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$3,415.60

<b>Component Description:</b>	Preparation of Q4 2018 387 Update
<b>Amount:</b>	\$150.00

<b>Component Description:</b>	FOR SERVICES RENDERED
<b>Amount:</b>	\$195.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,231.45

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$8,401.20

<b>Component Description:</b>	387 - Five Days After Move to Post-Repack Channel
<b>Amount:</b>	\$75.00

Site Survey	<div> <b>Component Description:</b> FIELD SERVICE, TV</div> <div> <b>Amount:</b> \$13,765.00 </div>
ASR modification (prepare FCC Form 854)	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Perform engineering study for new channel assignment and antenna development	<div> <b>Component Description:</b> Repack Conference Calls /Status Discussions</div> <div> <b>Amount:</b> \$510.00 </div>
	<div> <b>Component Description:</b> WXYZ Repack Status Calls &amp; Dielectric Call</div> <div> <b>Amount:</b> \$300.00 </div>
	<div> <b>Component Description:</b> KSHB-TV-530-RF Eng - Engineering Study for New Channel Assignment</div> <div> <b>Amount:</b> \$22.50 </div>
	<div> <b>Component Description:</b> Pre-filter tpo Calculations for KSHB</div> <div> <b>Amount:</b> \$75.00 </div>
	<div> <b>Component Description:</b> Preparation of Justification for Auxiliary Transmitter</div> <div> <b>Amount:</b> \$450.00 </div>

	<b>Component Description:</b>  <b>Amount:</b>	Calls w/ Repack Team, Info Gathering on Station, Coverage Maps  \$330.00
	<b>Component Description:</b>  <b>Amount:</b>	Repack Conference Call /Status Discussion  \$45.00
	<b>Component Description:</b> <b>Amount:</b>	FCC Repack \$1,980.00
Prepare and or review reimbursement form	<b>Component Description:</b>  <b>Amount:</b>	KSHB-TV-590- Prepare and/or Review Reimbursement Form  \$300.00
	<b>Component Description:</b> <b>Amount:</b>	Required Revisions \$487.50
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.	
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.	

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div>           KSHB-TV-530-RF            Eng - Special            Temporary            Authorization            \$825.00         </div>
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div>           Permitting Analysis            Review            \$250.00         </div>
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	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>\$220,690.54</b>	<b>\$220,125.54</b>		<b>\$30,559.28</b>	
Equipment Delivery and Handling Charges	<i>\$27,978.00</i>	\$27,978.00	Cost of shipping KSHB main top-mount antenna and transmission line, half the cost of shipping the shared (with KMCI) auxiliary antenna and the half the cost of the lift rentals for handling the antennas and line.	\$13,718.24	N/A
Employee Time	<i>\$124,916.00</i>	\$124,916.00	N/A	\$0.00	N/A
MVPD Notification of Channel Change	<i>\$3,316.54</i>	\$3,316.54	per KSHB DTVNotification PO 3003044956, Estimate EST-001039	\$3,316.54	N/A
Develop and air announcement of upcoming channel change	<i>\$5,000.00</i>	\$5,000.00	N/A	\$37.50	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$25,000.00</b>	\$25,000.00	N/A	\$0.00	N/A
Non-zoning permits	<b>\$2,400.00</b>	\$2,400.00	see Estimated Cost Justification KSHB-TV-610-Non-Zoning Permits v0	\$2,150.00	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	\$3,981.40	N/A
Equipment Storage	<b>\$20,000.00</b>	\$20,000.00	N/A	\$7,355.60	N/A
<b>Sub-total</b>	\$220,690.54	\$220,125.54	N/A	\$30,559.28	N/A
<b>Total for all systems</b>	\$4,903,556.83	\$4,620,575.36	N/A	\$3,490,185.13	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Equipment Delivery and Handling Charges	<b>Component Description:</b>		KSHB-TV-610-Equipment Delivery and Handling
	<b>Amount:</b>		\$10,502.85
	<b>Component Description:</b>		Freight, Shipping and Handling
	<b>Amount:</b>		\$3,080.39
	<b>Component Description:</b>		KSHB-TV-610-Equipment Delivery and Handling
	<b>Amount:</b>		\$135.00
Employee Time	Information not provided.		
MVPD Notification of Channel Change	<b>Component Description:</b>		MVPD Notification Services
	<b>Amount:</b>		\$3,316.54
Develop and air announcement of upcoming channel change	<b>Component Description:</b>		KSHB-TV-610-Develop and Air Channel Change Announcements
	<b>Amount:</b>		\$37.50
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.		
Non-zoning permits	<b>Component Description:</b>		AFF prepared and submitted
	<b>Amount:</b>		Permitting \$2,150.00

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	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> DTV Notification Service  \$3,981.40 </div> </div>
Equipment Storage	<div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> 40' Double Door Container  \$5,822.20 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> 2 Pallets Copper Pipe  \$1,533.40 </div> </div>



<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$4,903,556.83	\$4,620,575.36
			\$3,490,185.13

<b>Reimbursement Status</b>	<b>Question</b>	<b>Response</b>
	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>07/13/2021</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>07/13/2021</p>

## Attachments