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

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **42636** | Service: **DTV** | Call Sign: **KMCI-TV** | Channel: **25 (UHF)**

File Number: **0000027268**

FRN: **0002710192** | Date Submitted: **01/06/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
SCRIPPS BROADCASTING HOLDINGS 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 *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.	Yes
Briefly describe transition plan	KMCI 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
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	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
Existing Transmitter Manufacturer and Type	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?	Yes
	Manufacturer	
	Model	ULXTE50-E
	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. Available parts are in very limited supply and in some cases are no longer available. It cannot be retuned.

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 leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Auxiliary Transmitter

Other Transmitter Cost Not Listed

Information not provided.

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	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-80
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	50.1 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, transformers, conduit, wiring and fuse disconnects as quoted by electrical contractor for main and auxiliary transmitters.
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter	**Other Transmitter Cost Not Listed** Information not provided.

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	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)	630.0 kW

Manufacturer	
Model	TFU-18DSC-VP-R 2C230
Year	2003

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

Facility ID	Call Sign
59444	KSHB-TV

Auxiliary Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	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	100.0 %
	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 auxiliary antenna is a coaxial slot antenna that is channel specific and cannot be reused on the new channel.

Auxiliary Antenna

Other Antenna Costs

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

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

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
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?	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
Existing Antenna Manufacturer and Type	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
59444	KSHB-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	Side 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)	685.0 kW
	Manufacturer	

	Model	TFU-30DSC /VP-R O4
	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?	No
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	8 3/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No

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

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

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	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
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	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	1250 feet per run

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

Facility ID	Call Sign
59444	KSHB-TV

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Utilize Existing Line - Mandatory Category due to LMS Bug	Line item required due to LMS behavior.
Scout Plus System	Scout Plus sensor for primary transmission line

Auxiliary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary
	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
Existing Transmission Line Manufacturer and Type	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	1115 feet per run

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

Facility ID	Call Sign
59444	KSHB-TV

Auxiliary Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Auxiliary (Backup)
	Description of Use	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	1115 feet per run
	Justification for New Transmission Line	Segment length of line will not work on new channel.

Auxiliary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Tower Equipment And Rigging Costs

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

Primary Tower

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
59444	KSHB-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
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 Services Costs

Section	Question	Response
Outside Project Management Services	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
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	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	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	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	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	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
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses

Other Expenses Not Listed

Name	Description
Employee Time	Time needed by Scripps corporate and KMCI 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
Primary Transmitter ULXTE-80	**$1,400,133.83**	**$1,400,133.83**		**$1,085,539.60**	
UHF - Liquid Cooled Solid State Transmitter 50.1 kW	***$1,300,408.83***	$1,300,408.83	N/A	$1,085,539.60	N/A
Other Electrical Service: Necessary switchgear, transformers, conduit, wiring and fuse disconnects as quoted by electrical contractor for main and auxiliary transmitters.	***$99,725.00***	$99,725.00	Shared with KSHB.	N/A	N/A
Auxiliary Transmitter ULXTE50-E	**$940,329.00**	**$940,329.00**		**$0.00**	
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	***$940,329.00***	$940,329.00	N/A	$0.00	N/A
Sub-total	$2,340,462.83	$2,340,462.83	N/A	$1,085,539.60	N/A
Total for all systems	$3,973,872.41	$3,804,666.03	N/A	$1,171,657.54	N/A

Components

Actual Information Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 50.1 kW	**Component Description:** **Amount:**	A. Transmitter $289,989.33
	Component Description: **Amount:**	A. Transmitter $395,608.46
	Component Description: **Amount:**	KMCI Primary Milestone 1 $399,941.81
Other Electrical Service: Necessary switchgear, transformers, conduit, wiring and fuse disconnects as quoted by electrical contractor for main and auxiliary transmitters.	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	**Component Description:** **Amount:**	KMCI Auxilary Milestone 1 $252,321.68

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-30DSC /VP-R O4	**$256,980.00**	**$255,900.00**		**$6,400.00**	
UHF - High Power, Side Mount, basic slot antenna, 685 kW input, elliptically or circularly polarized	***$235,000.00***	$235,000.00	N/A	N/A	N/A
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$6,400.00	N/A
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	$15,250.00	$14,500.00	N/A	N/A	N/A
Auxiliary Antenna TUA-04-14 /56H-1-S	**$305,146.00**	**$260,616.00**		**$0.00**	
UHF â€“ Broadband Panel, Side Mount Auxiliary	***$214,216.00***	$214,216.00	See attached justification for shared KSHB	N/A	N/A

/Interim, 1000 horizontally polarized			/KMCI auxiliary broadband panel antenna.		
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	N/A	N/A
New combiner, cost per channel (without antenna)	$84,200.00	$40,000.00	N/A	N/A	N/A
Sub-total	$562,126.00	$516,516.00	N/A	$6,400.00	N/A
Total for all systems	$3,973,872.41	$3,804,666.03	N/A	$1,171,657.54	N/A

Components

Actual Information Description	File Name
UHF - High Power, Side Mount, basic slot antenna, 685 kW input, elliptically or circularly polarized	Information not provided.
Sweep test of existing antenna	**Component Description:** INCLUDES ONE FIELD ENGINEER ON-SITE FOR ONE DAY **Amount:** $6,400.00
Elbow complex, single channel, at antenna input, per 8 3/16. feedline (if needed)	Information not provided.
UHF â€“ Broadband Panel, Side Mount Auxiliary/Interim, 1000 horizontally polarized	Information not provided.

Sweep test of existing antenna	**Component Description:** **Amount:**	OTHER $3,200.00
New combiner, cost per channel (without antenna)	Information not provided.	

Cost Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	**$5,248.04**	**$5,248.04**		**$0.00**	
Utilize Existing Line - Mandatory Category due to LMS Bug	***$0.00***	$0.00	Line required due to LMS bug that requires an other expense not listed when station utilizes an existing line	N/A	N/A
Scout Plus System	***$5,248.04***	$5,248.04	Please see attached Dielectric Quote Number 1697263	N/A	N/A
Auxiliary Transmission Line	**$444,885.00**	**$150,773.62**		**$0.00**	
Rigid Transmission Line - copper, 8 3 /16" broadband	$444,885.00	$150,773.62	Please see attached Dielectric Quote DMS084. Cost will be split with sharing station KSHB.	N/A	N/A
Sub-total	$450,133.04	$156,021.66	N/A	$0.00	N/A
Total for all	$3,973,872.41	$3,804,666.03	N/A	$1,171,657.54	N/A

Components

Information not provided.

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	**$226,850.00**	**$395,750.00**		**$68,020.00**	
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 removed.)	$68,020.00	N/A
PE Review of Rigging Plan	***$3,750.00***	$3,750.00	Split with KSHB.	N/A	N/A
Structural engineering tower load study for well documented tower	$12,600.00	$12,000.00	N/A	N/A	N/A
Sub-total	$226,850.00	$395,750.00	N/A	$68,020.00	N/A
Total for all systems	$3,973,872.41	$3,804,666.03	N/A	$1,171,657.54	N/A

Components

Actual Information Description	File Name

Tall Tower (greater than 500')	**Component Description:** **Amount:**	Amount due on proposal acceptance $68,020.00
PE Review of Rigging Plan	Information not provided.	
Structural engineering tower load study for well documented tower	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
Outside Professional Services	**$169,010.00**	**$171,190.00**		**$1,200.00**	
Site Survey	***$13,765.00***	$13,765.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	$2,105.00	$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	$3,680.00	$3,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	$2,365.00	$2,250.00	N/A	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	$4,210.00	$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main),	$5,260.00	$5,000.00	N/A	N/A	N/A

Construction Permit Application					
Prepare request for Special Temporary Authorization	$2,050.00	$1,500.00	N/A	$600.00	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	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	N/A	N/A	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	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	N/A	N/A

Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	N/A	N/A
Prepare and or review reimbursement form	$2,630.00	$2,500.00	N/A	N/A	N/A
Project management of the transition	$94,010.00	$99,675.00	Widelity Strategic Support	$600.00	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	N/A	N/A
RF Exposure Measurements	$21,050.00	$20,000.00	N/A	N/A	N/A
Sub-total	$169,010.00	$171,190.00	N/A	$1,200.00	N/A
Total for all systems	$3,973,872.41	$3,804,666.03	N/A	$1,171,657.54	N/A

Components

Actual Information Description	File Name
Site Survey	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees -Prepare and	Information not provided.

File FCC Form 2100 (main), License to Cover Application	
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	**Component Description:** FCC Repack **Amount:** $600.00
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
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	Information not provided.
Perform engineering study for new channel assignment and antenna development	Information not provided.
Prepare and or review reimbursement form	Information not provided.
Project management of the transition	**Component Description:** FCC Repack **Amount:** $37.50

	Component Description: **Amount:** **Component Description:** **Amount:**	Preparation of STA Application for Interim Operation $412.50 FCC Repack $150.00
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
RF Exposure Measurements	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 Co Justificati
Other Expenses	**$225,290.54**	**$224,725.54**		**$3,981.40**	
Employee Time	***$124,916.00***	$124,916.00	N/A	N/A	N/A
MVPD Notification of Channel Change	***$3,316.54***	$3,316.54	see Justifying Quote KMCI DTVNotification Estimate EST-001040	N/A	N/A
Develop and air announcement of upcoming channel change	***$5,000.00***	$5,000.00	N/A	N/A	N/A
Equipment Storage	***$20,000.00***	$20,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	***$33,978.00***	$33,978.00	Cost of shipping KMCI 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.	N/A	N/A
Disposal Costs (for equipment and	***$25,000.00***	$25,000.00	N/A	N/A	N/A

other waste, net of any salvage value)					
Non-zoning permits	***$1,000.00***	$1,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	$195.00	$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	$335.00	$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	$11,550.00	$11,000.00	N/A	$3,981.40	N/A
Sub-total	$225,290.54	$224,725.54	N/A	$3,981.40	N/A
Total for all systems	$3,973,872.41	$3,804,666.03	N/A	$1,171,657.54	N/A

Components

Actual Information Description	File Name
Employee Time	Information not provided.
MVPD Notification of Channel Change	**Component Description:** MVPD Notification Services **Amount:** $3,316.54
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.

Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
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	**Component Description:** DTV Notification Service **Amount:** $3,981.40

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$3,973,872.41	$3,804,666.03	$1,171,657.54

Reimbursement Status

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

Certification

Section	Question	Response
Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
	1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the	

signal of a broadcaster that changes channels (MVPD). 5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund. 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred. 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Sravan Reddy , Reddy .** *Senior Director, General Accounting*

		01/06/2020

Attachments