

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: File Number:	54011 000002	Service: DTV 8435	Call Sign:	KLJB	Channel: 30 (UHF)
FRN: 000	4284899	Date Submitted:	10/05 /2020		

Applicant Name, Type, and Contact Information

Applicant Information

n	Applicant	Address	Phone	Email	Applicant Type
	MISSION BROADCASTING, INC. Doing Business As: MISSION BROADCASTING, INC.	901 INDIANA AVE SUITE 375 WICHITA FALLS, TX 76301 United States	+1 (940) 228- 7861	MISSIONBROADCASTING@GMAIL. COM	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Preparer Contact Name and Information

Contact Information	Applicant	Address	Phone	Email
	Greg Best Consulting Engineer Greg Best Consulting Inc.	16100 Outlook Avenue Stilwell, KS 66085 United States	+1 (816) 792- 2913	gbconsulting54@gmail. com

Broadcaster	Question	Response
Information and Transition Plan	Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
	Briefly describe transition plan	Replace transmitter. Install new combiner for new channel and use existing antenna and transmission line. See Transition plan attachment.

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

Primary	Existing Transmitter Information				
Transmitter	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			
	Manufacturer and Type	Model	Millennium DCX		
		Year	2005		
		Туре	Inductive Output Tube		
		IOT Power Type	Two		
		Power Capacity	50 kW		

Existing Transmitter Information

Primary	New Transmitter Costs					
Transmitter	Section	Question	Response			
	New Transmitter	Use	Primary (Main)			
		Change Type	Purchase New			
		Is this a request for upgraded equipment?	No			
		Manufacturer				
		Model	THU9EVO- 30			
		Transmitter Type	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power capacity	46 kW			
		Justification for New Transmitter	The purchase price of a new solid state transmitter is less than a comparable replacement IOT based on a Proposal from Comark for an MSDC IOT. See attached proposal for solid state transmitter.			

Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Heating and Cooling
	Size	20 tons
	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	Other Transmitter Cost Not Listed		
Transmitter	Name	Description	
	Transmitter installation	Transmitter installation and test services.	
	Interface line	Cut piece of transmission line to mate xmtr with combiner.	

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

Existing Antenna Information

Primary

Antenna	Section	Question	Response			
	Existing Antenna Description	Type of change	Retune Existing			
		Antenna Use	Primary (Main)			
		Description of Use	N/A			
		Ownership	Leased			
		Owner	American Tower			
		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	Class	Full Power			
	Manufacturer and Type	Mounting	Top Mount			
		Antenna position in stack	Тор			
		Polarization	Horizontal			
		Туре	Broadband Panel			
		Number of Stations Supported	2			
		Number of Panels	56			
		Design power capacity in use	50.0 %			

Lower Limit	470.00 MHz
Upper Limit	605.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	1000.0 kW
Manufacturer	DIELECTRIC
Model	TUF-O4-14 /56H-1-T
Year	2008

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

Facility ID	Call Sign
6885	KWQC-TV

Primary Adjustment to Existing Antenna

Antenna	Section	Question	Response
	Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	

Primary Other Antenna Costs

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A	nter	nna

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

Enter a list of RF channel numbers.

RF Channel Number

23

30

PrimaryOther Antenna Cost Not ListedAntennaInformation not provided.

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

Primary Existing Transmission Line

Transmission

ssion	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
		Туре	Rigid
		Diameter	7 3/16 inches
		Other Diameter	N/A
		Segment Length	Broadband
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1100 feet per run

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

Facility ID	Call Sign
5468	WQPT-TV

Other Transmission Line Expenses Not Listed Transmission Line Description

Name	Description
Sweep Tests	Sweep tests to ensure good performance on the assigned channel

Tower	Section	Question	Response
Equipment And Rigging Costs	Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	No

Outside Professional	Section	Question	Response
	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	300
		Explanation	Schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399. Station does not have available personnel or personnel or personnel or personnel or for such complex project management for such complex projects. Project management services needed.
	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	No
	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	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	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination	Yes

	issues w/ other stations and wireless providers	
RF Field Engineering Services	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 Other Professional Services Expenses Not Listed

Professional Services roostsided.

Other	Section	Question	Response
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	No
		Is Remediation needed?	No
	Facility Expenses	Name	N/A
		Other Distributed Transmission System Expenses Not listed	N/A
		Name	N/A
		Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
	Permit and Filing Costs	Local Zoning	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	No
	Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
		Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
		Does this relocation require Equipment Storage?	Yes
		Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
		Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses Not Listed

Other Expenses

Name	Description
Sales Tax	Sales and use tax on goods and services
Generator Move	Generator and fuel move to be compliant with lease terms

Transmitters

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter THU9EVO-30	\$1,790,665.00	\$1,713,665.00		\$449,716.00	
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,400,000.00	N/A	\$274,812.50	N/A
Interface line	\$965.00	\$965.00	Special length of line to interface transmitter and combiner.	\$0.00	N/A
20 Ton system	\$115,500.00	\$115,500.00	N/A	\$54,372.00	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
Transmitter installation	\$121,000.00	\$121,000.00	See transmitter installation quote.	\$120,531.50	N/A

Sub-total	\$1,790,665.00	\$1,713,665.00	N/A	\$449,716.00	N/A
Total for all systems	\$2,163,270.00	\$2,101,590.00	N/A	\$620,502.84	N/A

ent Description: ent Description:	Final transmitter invoice. \$892,859.39 Please ignore this
ent Description:	\$892,859.39
ent Description:	Please ignore this
	reimbursement request. These expenses are covered elsewhere in the cost category.
	N/A
ent Description:	First invoice for xmtr.
	\$274,812.50
ent Description:	Initial invoice for transmitter installation and test.
	N/A
ent Description:	Special length of transmission line to mate transmitter with combiner.
	\$960.23
	ent Description: ent Description:

	Component Description: Amount:	First invoice for HVAC work. \$27,186.00	
	Component Description: Amount:	FINAL INVOICE FOR PROJECT. \$27,186.00	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.		
Transformer 3 phase/480v - 300 KVA	Information not provided.		
Switchgear - industrial 800 amp	Information not provided.		
Transmitter installation			
	Component Description:	Initial invoice for Land Comm transmitter install services.	
	Amount:	\$60,265.75	
	Component Description:	Final invoice for Land Comm transmitter and electric installation service.	
	Amount:	\$60,265.75	

Antennas

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TUF-O4-14 /56H-1-T	\$90,930.00	\$90,930.00		\$74,647.88	
New combiner, cost per channel (without antenna)	\$84,200.00	\$84,200.00	N/A	\$74,647.88	N/A
Sweep test of existing antenna	\$6,730.00	\$6,730.00	N/A	N/A	N/A
Sub-total	\$90,930.00	\$90,930.00	N/A	\$74,647.88	N/A
Total for all systems	\$2,163,270.00	\$2,101,590.00	N/A	\$620,502.84	N/A

Actual Information Description	File Name	
New combiner, cost per channel (without antenna)	Component Description:	Please reject this invoice as this item is covered in
	Amount:	the transmitter cost category. N/A

	Component Description: Amount:	Combiner second invoice. \$49,765.26
	Component Description: Amount:	Combiner first invoice. \$24,882.62
Sweep test of existing antenna	Information not provided.	

Transmission Line

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$6,400.00	\$6,400.00		\$0.00	
Sweep Tests	\$6,400.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$6,400.00	\$6,400.00	N/A	\$0.00	N/A
Total for all systems	\$2,163,270.00	\$2,101,590.00	N/A	\$620,502.84	N/A

Components

Information not provided.

Cost Tower Equipment and Rigging Costs

Information Information not provided.

Outside Professional Services

Cost Information

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

Description Outside Professional Services	Predetermined Cost Estimate \$76,590.00	Estimated Cost \$92,460.00	Estimated Cost Justification	Actual Cost \$61,457.96	Actual Cost Justification
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,210.00	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	\$3,000.00	N/A
Perform	\$7,360.00	\$7,000.00	N/A	\$5,750.00	N/A

engineering study for new channel					
assignment and antenna development					
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$4,500.00	Due to MBG business structure changes filing for the repack, and coordination with other facilities, KLJB costs were higher.	\$2,356.25	Attorney was providing transition reporting and also required coordination with new project manager /engineer.
Prepare and or review reimbursement form	\$2,630.00	\$10,000.00	Internal resources were insufficient so outside resources were used to prepare the 399 forms.	\$8,431.25	N/A
Project management of the transition	\$47,400.00	\$55,000.00	Engineering to close out project and review all reimbursable expense required more project management costs.	\$41,120.46	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$800.00	N/A
Sub-total	\$76,590.00	\$92,460.00	N/A	\$61,457.96	N/A

Total for all	\$2,163,270.00	\$2,101,590.00	N/A	\$620,502.84	N/A
systems					

Actual Information Description	File Name	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	See cover letter item 4 - Prepare engineering section of FCC form 2100, Construction Permit Application services provided by consultant Kessler and Gehman Associates. \$3,000.00
Perform engineering study for new channel assignment and antenna development		

	Component Description:	See cover letter item 3 - Perform engineering study for new channel assignment and antenna development services provided by consultant Kessler and Gehman Associates. \$5,750.00
Address transition timing and coordination issues w/ other stations and wireless	Component Description: Amount:	Transition procedures for repack. \$81.25
	Component Description:	Transition plan coordination. Other items on this invoice are not reimbursable so please just reimburse the indicated amount. \$162.50
	Component Description: Amount:	Coordination of various repack procedures with client. \$1,056.25
	Component Description: Amount:	Address transition plan issues and planning for reimbursement. \$568.75
	Anount.	φ000.70

	Component Description: Amount:	Transition report review. \$81.25
	Component Description:	New Cores account and reimbursement setup.
	Amount:	\$1,056.25
	Component Description:	Transition report and coordination of transition plan creation.
	Amount:	\$243.75
	Component Description:	Preparation of transition report and coordination with other counsel.
	Amount:	\$406.25
Prepare and or review reimbursement form	Component Description:	Identification of 399 items for reimbursement and reimbursement rules for processing.
	Amount:	\$1,137.50
	Component Description:	See cover letter item 2 - Prepare and or review reimbursement form services provided by consultant Kessler and Gehman Associates.
	Amount:	\$2,500.00

	Component Description:	Change in licensee structure required research for new 1876 form and to start new 1876 credentials all over. \$4,550.00
	Component Description: Amount:	Preparation of 399 form information. \$243.75
	Component Description: Amount:	Change in licensee required research for new 1876 identity. \$731.25
Project management of the transition	Component Description:	Project management services for schedule 387 progress report preparation by consultants Kessler and Gehman Associates for 2018 Q2 and 2018 Q4.
	Amount:	\$300.00

management for structural analysis and tower modification services 5.26.18 through 6.29.18 and consulting services by Kessler and Gehman Associates May 2018. \$460.00
Project management activities including progress reports. \$5,700.00
Project management activities for test and transition reporting. \$4,000.00
Project management and engineering to choose equipment and services, and for site visit for combiner planning. \$11,269.46

Amount:	Project Management and site trip to do station equipment planning. Direct expenses itemized. \$7,544.50
Component Description: Amount:	Project management tasks including equipment review and selection. \$1,050.00
Component Description: Amount:	See cover letter item 1, 5-8 - project management services \$5,784.00
Component Description:	Project management services provided by consultants Kessler and Gehman Associates. \$550.00
	Project

	Component Description:	Project management including scheduling of resources for testing.
	Amount:	\$2,625.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description:	Preparation and submittal of license to cover application.
	Amount:	\$800.00

Other Expenses

Cost Information

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

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$198,685.00	\$198,135.00		\$34,681.00	
Generator Move	\$10,800.00	\$10,800.00	N/A	\$10,200.00	N/A
Sales Tax	\$119,000.00	\$119,000.00	N/A	\$0.00	N/A
MVPD Notification of Channel Change	\$3,500.00	\$3,500.00	N/A	\$2,865.00	N/A
Develop and air announcement of upcoming channel change	\$3,500.00	\$3,500.00	N/A	N/A	N/A
Equipment Storage	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$20,000.00	\$20,000.00	N/A	\$16,630.00	N/A
Non-zoning permits	\$10,000.00	\$10,000.00	N/A	N/A	N/A
FCC Filing Fees - Form	\$335.00	\$335.00	N/A	\$0.00	N/A

2100 license to cover application					
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$4,986.00	N/A
Sub-total	\$198,685.00	\$198,135.00	N/A	\$34,681.00	N/A
Total for all systems	\$2,163,270.00	\$2,101,590.00	N/A	\$620,502.84	N/A

Actual Information Description	File Name	
Generator Move	Component Description: Amount:	Relocation of generator per lease terms. \$10,200.00
Sales Tax	Information not provided.	
MVPD Notification of Channel Change	Component Description: Amount:	Notifications to MVPD operations. \$2,865.00
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)		

	Component Description:	Removal and disposal of all transmitter room equipment to be compliant with lease terms.
	Amount:	\$16,630.00
Non-zoning permits	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility		
Notification	Component Description:	Notifications provided to Medical facilities
	Amount:	\$4,986.00

Cost	Grand Total			
Information		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,163,270.00	\$2,101,590.00	\$620,502.84

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	Yes
	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 Final Allocation or Accounting Information 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 912(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.	
		 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. The above- named entity acknowledges that all certifications and attached documentation are considered material representations. 	
		2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	
		3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-	

	CONTROLLER
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	SHARON MOSER VP /CORPORATE
obtaining the payments herein requested.	
which compliance is a pre-requisite for	
and governmental requirements for	
rules, regulations	
is in full compliance with all statutes,	
 The above-named entity certifies that it 	
refunded to the Commission.	
payments in error must be promptly	
 The above-named entity acknowledges that overpayments or 	
that are eligible for reimbursement from the Fund.	
this form will be used only for expenses	
(Fund) received by the entity listed on	
TV Broadcaster Relocation Fund	
 The above-named entity certifies that all payments from the 	
discounts, refunds, or rebates.	
named entity, including any	

Attachments