

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	14040	Service: DTV	Call Sign:	KRMA-TV	Channel: 33 (UHF)
File	000002	7982			
Number:					
FRN: 000	01615582	Date	06/25		
		Submitted:	/2018		

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
ROCKY MOUNTAIN PUBLIC MEDIA, INC. Doing Business As: ROCKY MOUNTAIN PUBLIC MEDIA, INC.	DANNA LUO 1089 BANNOCK STREET DENVER, CO 80204	+1 (303) 892- 6666	dannaluo@rmpbs. org	Not-for- Profit
	United States			

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information	Preparer Contact Name and Information					
	Applicant	Address	Phone	Email		
	James Schoedler JB Schoedler Associates LLC	1069 S Downing Street Denver, CO 80209 United States	+1 (303) 725- 9043	jschoedler@usa. net		

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.	No
	Briefly describe transition plan	To transition from CH 18 to CH 33 KRMA must replace its antenna, transmission line, and main transmitter. The backup transmitter will be retuned. Installation will take place in 2018 so that testing can begin on 12/1/18 or soon thereafter.

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

ransmitter	Section	Question	Response
	Existing Transmitter Description	Type of change	Purchase New
		Use	Auxiliary (Backup)
		Description of Use	Low Power Backup
		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	Innovator LX
		Year	2009
		Туре	Solid State
		Solid State Cooling	Air Cooled
		Solid State Power Capacity	3 kW

Add Transmitter Information

Auxiliary	New Transmitter Costs					
Transmitter	Section	Question	Response			
	New Transmitter	Use	Auxiliary (Backup)			
		Change Type	Purchase New			
		Is this a request for upgraded equipment?	No			
		Manufacturer				
		Model	UAXTE- 6R44			
		Transmitter Type	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power capacity	3.6 kW			
		Justification for New Transmitter	KRMA originally requested funds to retune the existing Axcera transmitter, but after submitting sample rf modules to UBS /Axcera for re-tuning, the company has advised that due to the age and design of the modules the re- tuning will not be possible.			

ransmitter	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
		Туре	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 Other Transmitter Costs

Other Transmitter Cost Not Listed

Auxiliary Other Transmitter Co Transmitter Information not provided.

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	Power CD			
		Year	2009			
		Туре	Inductive Output Tube			
		IOT Power Type	Single			
		Power Capacity	30 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	ULXTE-50		
		Transmitter Type	Solid State		
		Solid State Cooling	Liquid Cooled		
		Solid State Power capacity	31.7 kW		
		Justification for New Transmitter	Refer to attached Transition Plan exhibit.		

Primary Other Transmitter Costs

Transmitter	Section	Question	Response
	Electrical Service	Service Entrance (3 phases 800A 208V)	No
		Switchgear (industrial 800 amp)	No
		Transformer (480V)	Yes
		Power	150 kVA
		Rigid Conduit and Wiring	Yes
		Size	1 inches
		Length	1.0 feet
		Other Electrical Service	Yes
		Description	Disconnection of existing.

HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	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		
	Name	Description	
	Site Survey	Engineering visit to specify transmitter installation.	

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

Primary Antenna	Existing Antenna Information				
	Section	Question	Response		
	Existing Antenna Description	Type of change	Purchase New		
		Antenna Use	Primary (Main)		
		Description of Use	N/A		
		Ownership	Owned		
		Owner	N/A		
		Site	N/A		
		Is the existing antenna shared with another station or stations?	No		
		Is the existing antenna directional?	Yes		
		Is antenna in operating condition?	Yes		
		Is antenna located on or in close proximity to an antenna farm?	Yes		
	Existing Antenna	Class	Full Power		
	Manufacturer and Type	Mounting	Side Mount		
		Antenna position in stack	Not in Stack		
		Polarization	Elliptical		
		Туре	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-32DSC /VP-R C190
Year	2009

Primary	New Antenna Costs				
Antenna	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?	Yes		
		Will antenna be located on or in close proximity to an antenna farm?	Yes		
	New Antenna Manufacturer and Types	Class	Full Power		
		Mounting	Side Mount		
		Antenna position in stack	Not in Stack		
		Polarization	Elliptical		
		Туре	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)	1000.0 kW		
		Manufacturer			
			1		

Model	TFU-38DS /VP-R C19
Year	2018
Justification for New Antenna	Existing antenna does not cover new channel

Primary Antenna	Other Antenna Costs			
	Section	Question	Response	
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No	
		Туре		
		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	6 1/8 inches inches	
	Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes	
	Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes	
	Sweep Test	Do you require the sweep testing of transmission line and antenna?	No	

Primary Antenna	Other Antenna Cost Not Listed		
	Name	Description	
	Transportation to site	Transportation to site on 4-wheel drive road.	
	Installation	Removal of old antenna and installation of new.	
	Freight	Shipping from manufacturer to offload point in Denver.	

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

ransmissio	n Section	Question	Response
	Existing Transmission Line Description	Type of change	Purchase New
		Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
	Existing Transmission Line Manufacturer and Type	Manufacturer	
		Туре	Rigid
		Diameter	8 3/16 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	379 feet per run

Primary Existing Transmission Line

Primary Transmissio	New Transmission Line			
	n Section	Question	Response	
	New Transmission Line Costs	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Туре	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	379 feet per run	
		Justification for New Transmission Line	Existing transmission line is not suitable for new channel	

Other Transmission Line Expenses Not Listed Transmission

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

Response

Modify Existing

Primary (Main)

N/A

No

Yes

Yes

Yes

Leased

Primary	Existing Tower	
Tower	Section	Question
	Existing Tower Description	Type of change
		Tower Use
		Description of Use
		Ownership
		Is this tower consider Complex?
		Is this tower currently shared with any other stations?
		One or more FM, AM or TV radio broadcaster(s)
		Others Types of Users
		Is tower documented for structural analysis?
		Is tower compliant with Rev G?

	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Yes
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1023484
Coordinates (NAD83 (North American Datum	Latitude (NAD83)	39° 40' 17.4" N-
of 1983))	Longitude (NAD83)	105° 13' 08.0" W-
	Overall Structure Height	273.95 feet
	Support Structure Height	re Height 271.98 feet
	Ground Elevation Above Mean Sea Level (AMSL)	7685.60 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Bear Creek Development Corporation
Date Constructed	11/08/1988

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
57219	KCEC	DTV
83535	KVOD	FM

Other Types of Users

Users

2-way radio

Cellular

Primary Tower Modification Costs

Tower

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

Other Tower Expenses Not Listed

PrimaryOther Tower ExpenseTowerInformation not provided.

Outside	Section	Question Response				
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes			
		Number of Hours	500			
		Explanation	Overall project management and coordination of procurement process.			
	Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes			
		Prepare engineering section of Form FCC Yes Construction Permit Application				
		For Auxiliary Facility	No			
		For Main Facility	Yes			
		Prepare engineering section of Form FCC License to Cover Application	Yes			
		For Auxiliary Facility	No			
		For Main Facility	Yes			
		Prepare request for Special Temporary Authority	Yes			
		Quantity	1			
		Do you have Distributed Transmission System engineering services?	N/A			
		Critical Facility	N/A			
		Terrain-Shielded Facility	N/A			
	Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes			
	Services	For Auxiliary Facility	No			
		For Main Facility	Yes			

	Prepare and file Form FCC License to	Yes
	Cover Application	
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	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 Other Professional Services Expenses Not Listed Professional Services rootsided.

Other	Section	Question	Response	
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	No	
		Is Remediation needed?	No	
	Facility Expenses	Name	N/A	
		Is an Impact Study needed? No Is Remediation needed? No		
		Name	N/A	
		Is an Impact Study needed?NoIs Remediation needed?NoIs Remediation needed?NoNameN/AOther Distributed Transmission System Expenses Not listedN/ANameN/AIs Notification of a Medical Facility required as a result of DTV broadcasting?YesLocal ZoningYesNon-zoning permitsNoBLM or NFS CoordinationNoFCC Construction Permit Minor ChangeNoFCC License to Cover ApplicationNoFCC License to Cover ApplicationNoFCC Special Temporary Authority ApplicationYesDoes this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?YesDoes this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?YesDoes this relocation require Equipment Storage?NoDoes this relocation require Equipment Development and Airing of an Announcement regarding an upcomingYes		
	Permit and Filing Costs	Local Zoning	Yes	
		Non-zoning permits	No	
		BLM or NFS Coordination	No	
		FCC Construction Permit Minor Change	No	
		FCC License to Cover Application	No	
			No	
	Other Miscellaneous Expenses	Disposal Costs (for equipment and other	Yes	
		Delivery or Handling Charges not otherwise	Yes	
			No	
		Development and Airing of an Announcement regarding an upcoming	Yes	
			Yes	

Other Expenses Not Listed

Other	Other Expenses Not Listed	
Expenses	Name	Description
	Temporary Antenna Installation	A temporary antenna installation on the tower ice bridge is required during installation of the new antenna.
	Replacement Coaxial Switching System	Dielectric has advised that re-use of the existing waveguide switching system is not practical. A replacement coaxial system is required instead.

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 ULXTE-50	\$903,135.16	\$901,885.16		\$431,292.58	
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	\$868,085.16	\$868,085.16	This amount is based on revised proposal obtained from Gates Air. See attached exhibit: Quote G- 63421.	\$431,292.58	N/A
Site Survey	\$6,500.00	\$6,500.00	Site survey is required to determine plan for replacement transmitter installation.	N/A	N/A
Other Electrical Service: Disconnection of existing.	\$1,500.00	\$1,500.00	N/A	N/A	N/A
1" Rigid Conduit and Wiring	\$1,500.00	\$1,500.00	N/A	N/A	N/A
Transformer 3 phase/480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A

Auxiliary Transmitter UAXTE-6R44	\$169,061.70	\$169,061.70		\$0.00	
UHF - Air Cooled Solid State Transmitter 3.6 kW	\$169,061.70	\$169,061.70	See GatesAir quote Q- 63424 uploaded with this application.	N/A	N/A
Sub-total	\$1,072,196.86	\$1,070,946.86	N/A	\$431,292.58	N/A
Total for all systems	\$1,935,312.66	\$1,843,471.66	N/A	\$609,228.85	N/A

Components

Actual Information Description	File Name	
UHF - Liquid Cooled Solid State Transmitter 31.7 kW	Component Description: Amount:	Initial payment with order for ULXTE-50 Transmitter System \$217,021.29
	Component Description: Amount:	Invoice #2 for Main Transmitter - 25% installment due 5/30/2018 \$214,271.29
Site Survey	Information not provided.	
Other Electrical Service: Disconnection of existing.	Information not provided.	
1" Rigid Conduit and Wiring	Information not provided.	
Transformer 3 phase/480v - 150 KVA	Information not provided.	
UHF - Air Cooled Solid State Transmitter 3.6 kW	Information not provided.	

Antennas

Cost Information

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

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Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justificatio
Primary Antenna TFU- 38DSC/VP-R C190	\$450,560.00	\$455,080.00		\$159,063.12	
Freight	\$9,500.00	\$9,500.00	Freight Cost to Denver, Colorado provided in Dielectric email dated 6 /22/17 (attached to Form).	N/A	N/A
Installation	\$79,850.00	\$79,850.00	Installation cost determined by Rex Industries proposal 217- 301 attached to Form 399.	N/A	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$2,500.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$29,000.00	Custom Mounting Bracket Cost provided in Dielectric Quotation SKM0003	N/A	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$13,730.00	Estimated cost based on Dielectric quotation.	N/A	N/A
UHF - High	\$320,500.00	\$320,500.00	This amount	\$159,063.12	N/A

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Power, Side		was included						
Mount, basic		in the						
slot antenna,		approved						
1000 kW			Form 399 but					
input,			inadvertently					
directional,,			deleted in a					
elliptically or			subsequent					
circularly			reimbursement					
polarized			request. This					
			change is to					
			restore the					
			amount to the					
			budget.					
Transportation	\$0.00	\$0.00	Included in	N/A	N/A			
to site			antenna					
			installation					
			cost.					
Sub-total	\$450,560.00	\$455,080.00	N/A	\$159,063.12	N/A			
Total for all	\$1,935,312.66	\$1,843,471.66	N/A	\$609,228.85	N/A			
systems								

Components

Actual Information Description	File Name
Freight	Information not provided.
Installation	Information not provided.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.

Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.	
UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	Component Description:	Initial payment with order for TFU- 38DSC/VP-R high power antenna.
	Amount:	\$159,063.12
Transportation to site	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	\$76,558.00	\$73,887.00		\$0.00	
Rigid Transmission Line - copper, 6 1/8"	\$76,558.00	\$73,887.00	Estimated cost is based on Dielectric cost proposal.	N/A	N/A
Sub-total	\$76,558.00	\$73,887.00	N/A	\$0.00	N/A
Total for all systems	\$1,935,312.66	\$1,843,471.66	N/A	\$609,228.85	N/A

Components

Information not provided.

Tower Equipment and Rigging Costs

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 Tower TOWER	\$96,800.00	\$12,000.00		\$4,339.90	
Short Tower (less than 500')	\$84,200.00	\$0.00	N/A	\$0.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$4,339.90	N/A
Sub-total	\$96,800.00	\$12,000.00	N/A	\$4,339.90	N/A
Total for all systems	\$1,935,312.66	\$1,843,471.66	N/A	\$609,228.85	N/A

Components

Actual Information Description	File Name
Short Tower (less than 500')	Information not provided.

Component Description:	Tower Analysis - Main Tower - January Labor - Includes PO #22547
Amount:	\$3,275.00
Component Description:	Tower Analysis - Main Tower -
	Labor for December 2017 - Includes PO
Amount:	#22547 \$1,064.90
	Amount: Component Description:

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	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$132,340.00	\$125,250.00		\$14,533.25	
RF Exposure Measurements	\$21,050.00	\$20,000.00	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 - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	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 - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,952.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$600.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$0.00	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	\$79,000.00	\$75,000.00	N/A	\$8,981.25	N/A
Sub-total	\$132,340.00	\$125,250.00	N/A	\$14,533.25	N/A
Total for all systems	\$1,935,312.66	\$1,843,471.66	N/A	\$609,228.85	N/A

Components

Actual Information Description	File Name
RF Exposure Measurements	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.

Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
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	Component Description: Amount:	Legal Fees \$139.00
	Component Description: Amount:	Legal Fees \$878.00
	Component Description: Amount:	Legal Fees \$2,418.00
	Component Description: Amount:	Legal Fees \$600.00
	Component Description: Amount:	Legal Fees \$917.00
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description:	Engineering Fees for Preparation of CP Application - line items for 6/26
	Amount:	and 6/27/17. \$450.00
	Component Description:	Engineering Fees for CP Application - line item for 7/6
	Amount:	only \$150.00
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: Amount:	Legal advice related to management of project - line item from 2/6/2018 only. \$50.00
	Component Description:	Legal advice related to management of project - line items for 2/6 and 2/14 only \$300.00
	Component Description:	Project Management Fees for the month of December 2017
	Amount:	\$937.50

Component Description: Amount:	Project Management Fees - September 2017 \$450.00
Component Description: Amount:	Legal advice related to management of project \$150.00
Component Description: Amount:	Legal advice related to management of project - December 2017 \$50.00
Component Description: Amount:	Legal Advice related to management of project - January 2018 \$800.00
Component Description:	Legal Advice related to management of project
Amount: Component Description: Amount:	\$50.00 Project Management Fees - October 2017 \$225.00
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Component Description: Amount:	Project Management Fees - July 2017 (all line items except 7/6 /17) \$656.25
Component Description: Amount:	Project Management Fees - November 2017 \$300.00
Component Description: Amount:	Project Management Fees - June 2017 (includes all line items except 6/26 and 6/27). \$1,275.00
Component Description: Amount:	Project Management Fees for April 2017. \$600.00
Component Description: Amount:	Repack Project Management Fees - January 2018 \$731.25
Component Description: Amount:	Project Management Fees - February 2018 \$506.25
Component Description: Amount:	Project Management Fees - April 2018 \$225.00

Component Description: Amount:	Project Management Fees - August 2017 \$150.00
Component Description: Amount:	Project Management Fees - March 2018 \$450.00
Component Description: Amount:	Project Management Fees - May 2017 \$1,125.00
Amount.	ψ1,12 3. 00

Other Expenses

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
Other Expenses	\$106,857.80	\$106,307.80		\$0.00	
Replacement Coaxial Switching System	\$23,312.80	\$23,312.80	See Dielectric quote 180074ASM uploaded with this application to replace an existing waveguide switching system (main and backup transmitter, antenna and load) that Dielectric advises cannot be used on the new channel.	N/A	N/A
Temporary Antenna Installation	\$10,000.00	\$10,000.00	See Rex Industries email dated 6/30/17 attached to Form 399.	N/A	N/A
MVPD Notification of Channel Change	\$2,500.00	\$2,500.00	N/A	N/A	N/A

Develop and air announcement of upcoming channel change	\$1,500.00	\$1,500.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$4,500.00	\$4,500.00	Cost based on local towing company 4WD vehicle to transport transmitter (s) to/from site. Three days @ \$1500 per day.	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$48,495.00	\$48,495.00	N/A	N/A	N/A
Local Zoning	\$5,000.00	\$5,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
Sub-total	\$106,857.80	\$106,307.80	N/A	\$0.00	N/A
Total for all systems	\$1,935,312.66	\$1,843,471.66	N/A	\$609,228.85	N/A

Components

Information not provided.

Cost Information	Grand Total				
		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$1,935,312.66	\$1,843,471.66	\$609,228.85	

Reimbursem	entestiatus	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.	
		 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).
- 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.

entit is in with rule: and requ whic a pr obta pay	above-named ty certifies that it full compliance all statutes, s, regulations governmental uirements for ch compliance is e-requisite for aining the ments herein uested.	
an authoriz	inder penalty of perjury, that I am red representative of the above- plicant for the Authorization(s) bove.	DANNA LUO CHIEF FINANCIAL OFFICER 06/25/2018

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 IMPRISIONMENT (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).	
		 The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster **Relocation Fund are** necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- 6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

8	The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.	
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.	
an au name	are, under penalty of perjury, that I am athorized representative of the above- ed applicant for the Authorization(s) fied above.	DANNA LUO CHIEF FINANCIAL OFFICER 06/25/2018

Attachments

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