

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

			-		
Facility	168154	Service: DCA	Call	KFDF-CD	Channel: 25 (UHF)
ID:			Sign:		
File 0000025227					
Number:					
FRN: 002	21646880	Date	10/04		
		Submitted:	/2018		

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
KTV MEDIA, LLC Doing Business As: KTV MEDIA	Larry Morton 17200 Chenal Parkway Suite 300-267 Little Rock, AR 72223 United States	+1 (501) 476-1507	EQUITYLEM@GMAIL. COM	Limited Liability Company

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
Information	Lindsey McGough Lori E. Withrow, P.L. L.C	Lindsey McGough 12410 Cantrell Rd. LIttle Rock, AR 72223 United States	+1 (501) 227- 2000	Imcgough@allenwithrow. 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.	No
	Briefly describe transition plan	We will be replacing the existing antenna and transmitter to move from Channel 44 to Channel 25. See attached KFDF-CD Project Description. We will operate at an interim site for 2 to 3 months while the current tower is strengthened and KFDF is rebuilt.

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

Primary	Existing Transmitter Information				
Fransmitter	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	UAX		
		Year	2009		
		Туре	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power Capacity	2 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	TRN-5X-U- 36D-C		
		Transmitter Type	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power capacity	1.6 kW		
		Justification for New Transmitter	The old transmitter is difficult to re-tune and modify the filters and the cost would be more than a new transmitter. See attached project description.		

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		
		Section Question Electrical Service Service Entrance (3 phases 800A 208V) Switchgear (industrial 800 amp) Transformer (480V)		

Other Transmitter Costs

	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	MInor electrical wiring in the transmitter building.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	Other
	Other Size	1 tons
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 Information not provided.

Interim	New Transmitter Costs				
Transmitter	Section	Question	Response		
	New Transmitter	Use	Interim		
		Description of Use	N/A		
		Change Type	Lease New		
		Manufacturer			
		Model	TRN-5X-4D- U-C		
		Transmitter Type	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power capacity	.5 kW		
		Justification for New Transmitter	To keep station operational during construction. See attached project description.		

Interim	Other Transmitter Costs				
Transmitter	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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	Yes

Other Transmitter Cost Not Listed

Transmitter Information not provided.

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

Primary	Existing Antenna Information			
Antenna	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?	No	
		Is antenna in operating condition?	Yes	
		Is antenna located on or in close proximity to an antenna farm?	Yes	
	Existing Antenna	Class	Class A	
	Manufacturer and Type	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		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)	4.0 kW	

Manufacturer	
Model	SWR- SWLP-08OI
Year	2010

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?	Yes	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	Yes	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	Yes	
	New Antenna Manufacturer and Types	Class	Class A	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Broadband Slot	
		Number of Stations Supported	4	
		Number of Panels/Bays	16	
		Lower Limit	536.00 MHz	
		Upper Limit	542.00 MHz	
		Design power capacity in use	25.0 %	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	4.0 kW	
		Manufacturer		

Model
Year
Justification for New Antenna

Primary Other Antenna Costs

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	Upper and lower frequency
	Frequency	512.0 MHz - 602.0 MHz
	Combiner for Shared	Combiner for Shared AntennaDo you need a Combiner for a Shared Antenna?TypeNumber of channels supportedFrequencies of channels supported

	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

Primary Other Antenna Cost Not Listed

Antenna Information not provided.

Interim	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Interim	
		Description of Use	N/A	
		Change Type	Purchase New	
		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 Type	Class	Class A	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Broadband Panel	
		Number of Stations Supported	1	
		Number of Panels/Bays	2	
		Lower Limit	470.00 MHz	
		Upper Limit	862.00 MHz	
		Design power capacity in use	50.0 %	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	1.0 kW	
		Manufacturer		
		Model	K723147 Array	
		Year	2017	

Justification for New Antenna	Required to
	continue
	operations
	during
	construction
	See
	attached
	project
	description.

Interim	Other Antenna Costs			
Antenna	Section	Question	Response	
	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 an 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	

Interim Other Antenna Cost Not Listed

Antenna

Information not provided.

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

Primary	Existing Transmission Line			
Transmissio	n Line Section	Question	Response	
	Existing Transmission Line Description	Type of change	Purchase New	
		Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Owned	
		Owner	N/A	
		Site	N/A	
		Is the existing transmission line shared with another station or stations?	No	
		Is Transmission Line in operating condition?	Yes	
	Existing Transmission Line Manufacturer and Type	Manufacturer		
		Туре	Flexible Foam	
		Diameter	1 5/8 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	250 feet per run	

Primary Transmissio	New Transmission Line			
	New Transmission Line Costs	Question	Response	
		Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	Yes	
		Туре	Flexible Air	
		Diameter	Other	
		Other Diameter	2 1/4 inches	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	250 feet per run	
		Justification for New Transmission Line	Upgraded line is required to handle the broadband antenna that is being installed. See attached project description.	

Other Transmission Line Expenses Not Listed Transmission Line Description

Name	Description
Dehydrator and connectors	Dehydrator to keep moisture out of the line and connectors for the antenna.

Interim Transmissio	New Transmission Line		
	New Transmission Line	Question	Response
		Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Flexible Foam
		Diameter	1 5/8 inches
		Segment Length	N/A
		Other Segment Length	
		Number of parallel runs	1
		Length	250 feet per run
		Justification for New Transmission Line	Required to continue operations during construction. See attached project description.

Interim Other Transmission Line Expenses Not Listed

Transmission home tion not provided.

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

narv	Existing	Tower
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Primary	Existing Tower			
Tower	Section	Question	Response	
	Existing Tower Description	Type of change	Modify Existing	
		Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Leased	
		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)	No	
		Others Types of Users	Yes	
		Is tower documented for structural analysis?	Unknown	
		Is tower compliant with Rev G?	Unknown	
	Existing Tower Structure Registration	Do you have a tower registration number?	Yes	
		ASR Number	1236377	
	Coordinates (<u>NAD83</u> (North American Datum of 1983))	Latitude (NAD83)	35° 26' 51.3" N-	
		Longitude (NAD83)	094° 21' 54.8" W-	
		Overall Structure Height	312.99 feet	
		Support Structure Height	310.04 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	810.03 feet	

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	InSite Towers Development
Date Constructed	10/31/2003

Other Types of Users

Users

KXUN-LD

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 Minor

are needed:

Primary Tower Rigging Costs

Tower

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

Reinforcements

needed

Primary	Other Tower Expenses Not Listed		
Tower	Name	Description	

	Rigging to hang antenna and line	Cost to hang the line and antenna and to dispose of the old antenna.
	Tower mapping	To map the tower per owner's request.

Interim Tower	Tower Construction Costs			
	Section	Question	Response	
	Construct New Tower	Use	Interim	
		Description of Use	N/A	
		Height	160.00 feet	
		Justification for New Tower	Use an existing tower (ASR- 1275837) for an interim site. See attached project description.	

Interim Tower Rigging Costs

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

Other Tower Expenses Not Listed

Tower

Name	Description
Rigging to hang antenna and line	Cost to hang the interim antenna and line.
Tower Mapping	Tower/Foundation Mapping as required be Insite Towers

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	70
		Explanation	We do not have an engineer on staff and must outsource the planning and construction of this rebuild.
	Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
		Prepare engineering section of Form FCC Construction Permit Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare engineering section of Form FCC License to Cover Application	Yes
		For Auxiliary Facility	No
		For Main Facility	Yes
		Prepare request for Special Temporary Authority	Yes
		Quantity	1
-		Do you have Distributed Transmission System engineering services?	N/A
		Critical Facility	N/A
		Terrain-Shielded Facility	N/A
	Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes

	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
F Field Engineering ervices	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	4

Justification To fully check out the transmitter and antenna. Two days for interim site and two days for primary site.

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	Yes
		Non-zoning permits	No
		BLM or NFS Coordination	No
		FCC Construction Permit Minor Change	Yes
		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 Not Listed

Other Expenses

Name	Description
Contingency	Allowance for missed items and cost changes occurring during the construction period.
Sales tax	Arkansas or other state sales taxes that are not included in the purchase price.
Travel	Expenses in traveling to the site for supervision and monitoring.
Construction Financing	Interest and fees for the construction financing.

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
Interim Transmitter TRN-5X-4D- U-C	\$151,500.00	\$7,085.00		\$5,494.00	
UHF inside RF system including switching	\$147,500.00	\$3,085.00	This item is required to connect to our master control so we can originate programming at the interim site. The cost to connect our interim site to our master control exceeds budget by \$85 due to price increases.	\$3,085.00	This item is required to connect to our master control so we can originate programming on the interim site. The cost to connect our interim site to our master control exceeded budget by \$85.00 due to price increases (\$85.00).
UHF - Air Cooled Solid State Transmitter .5 kW	\$4,000.00	\$4,000.00	To lease a 500 watt transmitter during the construction period.	\$2,409.00	N/A
Primary Transmitter TRN-5X-U- 36D-C	\$147,500.00	\$84,670.00		\$73,511.88	

Other HVAC Service Type: C Size1 (Other)\$1,500.00To upgrade air- conditioning in the transmitter.\$1,312.61N/AOther Electrical Service: Minor electrical wing in the transmitter.\$20,000.00Structural & electrical wiring required for the transmitter.\$17,404.27N/AOther Electrical service: Minor electrical wing in the transmitter.\$17,404.27N/AOther Electrical wing in the transmitter.\$20,000.00Structural & electrical wiring required for the transmitter is in a separate, free-standing container with its own air- conditioning). Additional memo- KEDF-Tower Site CostsN/AUHF - Air Cooled Solid State Transmiter\$126,000.00\$63,170.00N/A\$54,795.00N/ASub-total\$299,000.00\$91,755.00N/A\$79,005.88N/ATotal for all systems\$299,000.00\$91,755.00N/A\$79,005.88N/A						
Electrical Service: Minor electrical wiring in the transmitter to building.electrical wiring required for the transmitter to go inside a building (current ttransmitter is in a separate, free-standing container with its own air- conditional costs due to Flooding.electrical wiring required for the transmitter is in a separate, free-standing container with its own air- conditional costs due to Flooding. See Attached memo - KFDF-Tower Site CostsN/AUHF - Air Cooled Solid State Transmitter 1 - 2.5 kW\$126,000.00 \$91,755.00N/A\$54,795.00 \$79,005.88N/ATotal forVN/A\$79,005.88N/A	HVAC Service Type: C Size:1	\$1,500.00	\$1,500.00	air- conditioning in the transmitter building for the new	\$1,312.61	N/A
Cooled Solid State Transmitter 1 - 2.5 kWN/AN/ASub-total\$299,000.00\$91,755.00N/A\$79,005.88N/ATotal forN/AN/AN/A	Electrical Service: MInor electrical wiring in the transmitter	\$20,000.00	\$20,000.00	electrical wiring required for the transmitter to go inside a building (current transmitter is in a separate, free-standing container with its own air- conditioning). Additional costs due to Flooding. See Attached memo - KFDF-Tower	\$17,404.27	N/A
Total for N/A N/A	Cooled Solid State Transmitter	\$126,000.00	\$63,170.00	N/A	\$54,795.00	N/A
	Sub-total	\$299,000.00	\$91,755.00	N/A	\$79,005.88	N/A
				N/A		N/A

Components

Actual Information	
Description	

File Name

UHF inside RF system		
including switching	Component Description: Amount:	IP/RF Connection to KFDF MC. This price exceeds the budget by \$85.00 due to a price increase from when we planned the purchase. \$3,085.00
UHF - Air Cooled Solid State		
Transmitter .5 kW	Component Description:	This is the minimum 3 month lease payment for the KFDF-CD Interim Transmitter. We have paid for and received the Transmitter \$2,409.00
Other HVAC Service Type: C Size:1 (Other)	Component Description: Amount:	A/C units for KFDF \$1,312.61

Other Electrical Service: MInor electrical wiring in the transmitter building.	Component Description: Amount:	Installation of air conditioners and installation of door. \$2,400.00
	Component Description: Amount:	Deposit on Building and Electrical work. See KFDF Expense Adjustment memo. \$6,000.00
	Component Description: Amount:	Electric work at KFDF Tower. See KFDF Expense Adjustment memo. \$9,004.27

UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description:	This invoice is for 2 transmitters. The total for KFDF is 54,795 and the total for KKAF is 54,795. This amount is the initial down payment to place the order
	Amount:	\$16,372.50
	Component Description:	This is the 3rd of 4 payments. A payment of 11,025 was made on KKAF-CD.
	Amount:	\$11,025.00
	Component Description:	Final Installment payment on the transmitter
	Amount:	\$11,025.00
	Component Description:	This is the second of four installments for the transmitter.
	Amount:	\$16,372.50

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
Interim Antenna K723147 Array	\$35,550.00	\$6,000.00		\$3,000.00	
UHF - Lower Power Side Mount, Class A broadband panel (cost per panel)	\$2,520.00	\$5,000.00	Cost for the interim antenna a 2 panel array @ \$2,400 each and a power divider to connect them.	\$3,000.00	N/A
UHF - Lower Power Side Mount, Class A One Station antenna basic	\$26,300.00	\$0.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$1,000.00	N/A	N/A	N/A
UHF – Broadband Panel, Side Mount Auxiliary /Interim, 1 horizontally polarized	\$0.00	\$0.00	N/A	N/A	N/A
Primary Antenna JA /MS-16/20-35 SHO	\$110,930.00	\$30,000.00		\$12,280.00	

Total for all systems			N/A		N/A
Sub-total	\$146,480.00	\$36,000.00	N/A	\$15,280.00	N/A
			operator.		
			tower		
			by the		
			as required		
			antenna,		
polarized			the		
horizontally			nature of		
directional,,			broadband		invoice.
input,			due to the		of this
bay,, 4 kW			antenna		explanation
antenna, 16			Class A		for detailed
A, basic slot			cost for a		15-18.pdf
Mount, Class			the basic		Request 1
Power, Side			exceeds		CD Data
UHF - Lower	\$20,000.00	\$20,000.00	Cost	\$12,280.00	See KFDF
antenna					
existing					
Sweep test of	\$6,730.00	\$5,000.00	N/A	N/A	N/A
antenna)					
(without					
channel					
cost per					

Components

Actual Information Description	File Name	
UHF - Lower Power Side Mount, Class A broadband panel (cost per panel)	Component Description:	2 Bay microlab panel antenna and all mounting hardware and connectors. See KFDF-CD Data Request 1-15-18. pdf \$3,000.00

UHF - Lower Power Side Mount, Class A One Station antenna basic	Information not provided.	
Sweep test of existing antenna	Information not provided.	
UHF – Broadband Panel, Side Mount Auxiliary/Interim, 1 horizontally polarized	Information not provided.	
New combiner, cost per channel (without antenna)	Information not provided.	
Sweep test of existing antenna	Information not provided.	
UHF - Lower Power, Side Mount, Class A, basic slot antenna, 16 bay,, 4 kW input, directional,, horizontally polarized	Component Description:	KFDF SWR Antenna - Primary. See KFDF-CD Data Request 1-15-18. pdf for detailed explanation of this invoice.
	Amount:	\$12,280.00

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
Interim Transmission Line	\$6,000.00	\$4,500.00		\$3,748.50	
Flexible Foam Transmission Line - dielectric, 1 5/8"	\$6,000.00	\$4,500.00	N/A	\$3,748.50	See KFDF- CD Data Request 1- 15-18.pdf for detailed explanation of this invoice.
Primary Transmission Line	\$14,750.00	\$14,750.00		\$1,744.93	
Flexible Air Transmission Line - dielectric, 2 1/4"	\$9,750.00	\$9,750.00	N/A	N/A	N/A
Dehydrator and connectors	\$5,000.00	\$5,000.00	Dehydrator to maintain the line and connectors & hangers for installation.	\$1,744.93	See KFDF- CD Data Request 1- 15-18.pdf for detailed explanation of this invoice.
Sub-total	\$20,750.00	\$19,250.00	N/A	\$5,493.43	N/A
Total for all systems			N/A		N/A

Components

Actual Information
Description File Name

Flexible Foam Transmission Line - dielectric, 1 5/8"	Component Description:	KFDF Interim Line - SWR. See KFDF-CD Data Request 1-15-18. pdf for detailed explanation of this invoice.
	Amount:	\$3,748.50
Flexible Air Transmission Line - dielectric, 2 1/4"	Information not provided.	
Dehydrator and connectors		
	Component Description:	KFDF - Hangers & Connectors - SWR. See KFDF- CD Data Request 1-15-18.pdf for detailed explanation of this invoice.
	Amount:	\$1,744.93

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	\$280,700.00	\$227,400.00		\$10,400.00	
Rigging to hang antenna and line	\$25,000.00	\$25,000.00	Cost to hang antenna and line.	\$7,000.00	See attached file Estimate# 431 - KFDF.pdf which shows the scope and crew hours that were estimated.
Structural engineering tower load study for well documented tower	\$12,600.00	\$2,500.00	See - KTV Media Tower Cost Modification Memo (Exhibit 2) for cost estimate.	\$2,500.00	N/A
Tower mapping	\$900.00	\$900.00	Estimated cost to map the tower as required by owner.	\$900.00	N/A
Short Tower (less than 500')	\$84,200.00	\$0.00	N/A	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$199,000.00	See - KTV Media Tower Cost Modification Memo	N/A	N/A

Interim Tower	\$110,200.00	\$27,500.00		\$15,000.00	
Rigging to hang antenna and line	\$15,000.00	\$15,000.00	Cost to hang the antenna and line.	\$15,000.00	N/A
Tower Mapping	\$11,000.00	\$11,000.00	Cost to map the tower and foundation per Insite Towers. See Project Narrative.	\$0.00	N/A
Short Tower (less than 500')	\$84,200.00	\$1,500.00	Cost to lease space on the tower during construction period. See New Tower memo.	N/A	N/A
New tower	\$0.00	\$0.00	N/A	N/A	N/A
Sub-total	\$390,900.00	\$254,900.00	N/A	\$25,400.00	N/A
Total for all systems			N/A		N/A

Components

Actual Information	
Description	File Name

Rigging to hang antenna		
and line	Component Description:	See attached Estimate #431 - KFDF which shows the initial estimate of the scope and crew hours. This is the Initial installment for the KFDF antenna installation. \$7,000.00
Structural engineering tower		
load study for well documented tower	Component Description:	See Tower Modification Drawing Memo
	Amount:	\$2,500.00
Tower mapping		
	Component Description:	KFDF Payment for the Structural Analysis at the
	Amount:	primary tower site. \$900.00
Short Tower (less than 500')	Information not provided.	
Minor tower reinforcement /modifications	Information not provided.	
Rigging to hang antenna and line	Component Description:	Tower work for
		the rigging, hanging and installation of the lines and antenna for the interim tower.
	Amount:	\$15,000.00
Tower Mapping	Information not provided.	
Short Tower (less than 500')	Information not provided.	

New tower In	nformation not provided.
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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	Predetermined Cost Estimate \$134,180.00	Estimated Cost \$61,750.00	Estimated Cost Justification	Actual Cost \$20,750.00	Actual Cost Justification
Professional Services	\$104,100.00	φοτ, <i>ι</i> ου.ου		<i>\</i> 20,700.00	
Additional Field Engineering Service, 4 Days	\$4,000.00	\$4,000.00	Four days of field work at the two sites to verify completion per the plans (2 people, one day at each site).	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$20,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,000.00	N/A	\$2,500.00	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	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$4,250.00	N/A	\$4,250.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$1,500.00	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	\$3,000.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$7,000.00	N/A

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,000.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,500.00	N/A
Project management of the transition	\$11,060.00	\$7,000.00	N/A	N/A	N/A
Sub-total	\$134,180.00	\$61,750.00	N/A	\$20,750.00	N/A
Total for all systems			N/A		N/A

Components

Actual Information Description	File Name	
Additional Field Engineering Service, 4 Days	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Component Description: Amount:	KFDF - Legal Fee for filing the Interim site STA. \$2,500.00
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.	

and File FCC Form 2100 (main), Construction Permit Application	Component Description:	KFDF - Withrow Invoice 107 rev 3 for Legal Fees- for filing the CP. This invoice covers these legal fees and the cost the prepare the Form 399
	Amount:	\$4,250.00
Prepare request for Special Temporary Authorization	Component Description:	KFDF Engineering fees for the Interin Site STA
	Amount:	\$1,500.00
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: Amount:	FCC form 2100 preparation and filing \$3,000.00
Perform engineering study for new channel assignment and antenna development	Component Description:	Engineering Study Channel 25 Reassignment Antenna
	Amount:	Development \$7,000.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Prepare and or review		
reimbursement form	Component Description:	KFDF - Withrow
		Invoice 107 rev 3
		for preparing and
		filing the Form 399.
		This invoice also
		covers the legal
		fees for filing the
		CP.
	Amount:	\$2,500.00
Project management of the transition	Information not provided.	

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	\$76,869.28	\$72,194.28		\$2,787.61	
Travel	\$3,000.00	\$3,000.00	Expenses of traveling to the site for supervision and monitoring. See attached travel memo.	N/A	N/A
Sales tax	\$30,109.95	\$30,109.95	Estimated Arkansas state sales taxes. See attached Sales Tax Memo.	N/A	N/A
Contingency	\$12,861.00	\$12,861.00	Allowance for unscheduled items and cost changes occurring during construction period. See attached Contingency Memo.	N/A	N/A
MVPD Notification of Channel Change	\$2,000.00	\$2,000.00	Cost to notify MVPD providers.	N/A	N/A

Develop and air announcement of upcoming channel change	\$2,000.00	\$2,000.00	Cost to develop announcement of upcoming channel change.	N/A	N/A
Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	Cost to deliver equipment to the site, not included in equipment pricing.	\$1,657.61	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$2,000.00	\$2,000.00	Cost to dispose of unusable equipment and supplies, if required.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	\$190.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
Construction Financing	\$2,708.33	\$2,708.33	This is the estimated cost for the construction loan. See attached Construction Loan Memo.	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$8,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$0.00	Not Required.	N/A	N/A

Equipment Storage	\$2,000.00	\$2,000.00	Cost to hold equipment during construction.	N/A	N/A
Local Zoning	\$2,000.00	\$2,000.00	N/A	\$940.00	N/A
Sub-total	\$76,869.28	\$72,194.28	N/A	\$2,787.61	N/A
Total for all systems			N/A		N/A

Components

Actual Information Description	File Name		
Travel	Information not provided.		
Sales tax	Information not provided.		
Contingency	Information not provided.		
MVPD Notification of Channel Change	Information not provided.		
Develop and air announcement of upcoming channel change	Information not provided.		
Equipment Delivery and Handling Charges	Component Description: Amount:	Shipping Cost for the IP/RF Connection. \$46.45	
	Component Description: Amount:	Shipping for Antenna and Line \$1,611.16	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.		

FCC Filing Fees - Special Temporary Authorization request	Component Description:	KFDF Filing fee for the Interim
	Amount:	Site STA \$190.00
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
Construction Financing	Information not provided.	
DTV Medical Facility Notification	Information not provided.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
Equipment Storage	Information not provided.	
Local Zoning		
	Component Description:	Cost of obtaining the permits and approvals.
	Amount:	\$940.00

Grand Total

Cost Information

Predetermined		
Cost Estimate	Estimated Cost	Actual Cost

Total for all systems

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. 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.

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.	Larry Morton <i>Manager</i> 10/04/2018

Attachments