

Federal Communications Commission

# (REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility	17625	Service: DTV	Call	KFXB-TV	Channel: 14 (UHF)
ID:			Sign:		
File	00000	27784			
Number:					
FRN: <b>00</b> '	13774344	Date	10/08		
		Submitted:	/2018		

#### Applicant Name, Type, and Contact Information

# Applicant Information

Applicant	Address	Phone	Email	Applicant Type
CHRISTIAN TELEVISION NETWORK OF IOWA, INC. Doing Business As: KFXB-TV	Tamie Cook 744 Main St Dubuque, IA 52001 United States	+1 (563) 690-1704	tamiec@mchsi. com	Not-for- Profit

#### Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

# Preparer Ontact Name and Information

Contact Information	Applicant	Address	Phone	Email
	<b>Joseph C. Chautin III</b> Hardy, Carey, Chautin & Balkin, LLP	1080 West Causeway Approach Mandeville, LA 70471 United States	+1 (985) 629-0777	jchautin@hardycarey. 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	KFXB will install temp low power antenna & line. Then, existing xmtr will feed temp LP antenna thru mask filter. Removal of old antenna. Then, installation of new xmtr, mask filter and antenna to begin.

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

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	Visionary
		Year	2004
		Туре	Inductive Output Tube
		IOT Power Type	Single
		Power Capacity	29 kW

# Primary Add 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?	Yes			
		Manufacturer				
		Model	P3221			
		Transmitter Type	Solid State			
		Solid State Cooling	Liquid Cooled			
		Solid State Power capacity	27.5 kW			
		Justification for New Transmitter	Manufacturer (Axcera) no longer in business. Existing transmitter not supported.			

Primary	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	Yes			

	Description	additional breakers in panel, EMT or flexible metal conduit, misc wiring
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	10

# Primary Other Transmitter Cost Not Listed

Transmitter	Name	Description
	transmission line	transmitter building interior transmission line components for transmitter interconnects
	anti-freeze	coolant anti-freeze
	Motorized Switch	4 way motorized switch this is for transferring the output of the transmitter into the station load.
	plumbing	plumbing for heat exchanger
	Equipment Rental	Heavy equipment rental to off-load the transmitter
	Factory Training	Factory training of the new transmitter for the station engineers

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?	Yes	
		Is antenna in operating condition?	Yes	
		Is antenna located on or in close proximity to an antenna farm?	Yes	
	Existing Antenna Manufacturer and Type	Class	Full Power	
		Mounting	Top 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)	1000.0 kW	

Manufacturer	
Model	ATW16H3- HTC4-43S
Year	2009

Primary Antenna	New Antenna Costs			
	Section	Question	Response	
	New Antenna Description	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	Yes	
	New Antenna Manufacturer and Types	Class	Full Power	
		Mounting	Top Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		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)	580.0 kW	
		Manufacturer		
			1	

Model	TFU 12GTH-R C250
Year	2017
Justification for New Antenna	Existing antenna cannot be re- channeled

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?	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	

# Other Antenna Cost Not Listed

Primary Antenna	Other Antenna Cost Not Listed		
	Name	Description	
	temporary antenna	A temporary low power antenna & line will be needed during the re-channeling process to keep KFXB on the air.	

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

# Existing Transmission Line Primary Existing Transmission

ssior	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
Existing Transmission Line Manufacturer and Type	Is the existing transmission line shared with another station or stations?	No	
		Is Transmission Line in operating condition?	Yes
	-	Manufacturer	ERI
		Туре	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	900 feet per run

# Other Transmission Line Expenses Not Listed Transmission

Interim	New Transmission Line			
Transmissio	n Line Section	Question	Response	
	New Transmission Line	Use	Interim	
	Costs	Description of Use	N/A	
		Change Type	Purchase New	
		Туре	Flexible Air	
		Diameter	1 5/8 inches	
		Segment Length	N/A	
		Other Segment Length		
		Number of parallel runs	1	
		Length	750 feet per run	
		Justification for New Transmission Line	to feed interim antenna which will keep KFXB on the air during modification of facility	

Interim	Other Transmission Line Expenses No	ot Listed
Transmissio	nLine	Description
	misc hardware	connectors, hanging brackets, etc.

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

marv	Existing	Tower
------	----------	-------

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?	No		
		One or more FM, AM or TV radio broadcaster(s)	N/A		
		Others Types of Users	N/A		
		Is tower documented for structural analysis?	Yes		
		Is tower compliant with Rev G?	Unknown		
	Existing Tower Structure	Do you have a tower registration number?	Yes		
	Registration	ASR Number	1055265		
	Coordinates (NAD83 ( North American Datum of	Latitude (NAD83)	42° 31' 09.0" N-		
	1983))	Longitude (NAD83)	090° 37' 11.0" W-		
		Overall Structure Height	836.93 feet		
		Support Structure Height	789.03 feet		
		Ground Elevation Above Mean Sea Level (AMSL)	859.90 feet		

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Second Generation Realty of Iowa
Date Constructed	01/01/1976

# **Tower Modification Costs** Primary Tower

Tower

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Major Reinforcements needed

#### **Tower Rigging Costs** Primary

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

#### Other Tower Expenses Not Listed Primary Tower Information not provided.

Outside	Section	Question	Response
Professional	I Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	595
		Explanation	KFXB-TV does not have sufficient resource capacity and expertise in- house to handle all of the reimbursement filings by the construction deadline for Phase 1 of Nov 30, 2018. KFXB-TV will hire an outside firm o ensure a timely transition.
	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	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	Yes
	Quantity	1
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	Yes

Justification	optimization of
	existing
	transmission
	line to operate
	on new
	channel
	Justification

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	No
		BLM or NFS Coordination	No
		FCC Construction Permit Minor Change	No
		FCC License to Cover Application	Yes
		FCC Special Temporary Authority Application	Yes
	Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
		Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
		Does this relocation require Equipment Storage?	No
		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

**Expenses** Information not provided.

# 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 Co Justificati
Primary Transmitter P3221	\$1,233,020.00	\$1,120,143.00		\$975,119.70	
Motorized Switch	\$4,835.00	\$4,835.00	N/A	\$4,351.50	N/A
plumbing	\$2,000.00	\$2,000.00	N/A	N/A	N/A
anti-freeze	\$200.00	\$200.00	N/A	N/A	N/A
transmission line	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Additional field engineering time, 10-30 days	\$63,100.00	\$60,000.00	N/A	N/A	N/A
RF Consulting Engineer	\$5,260.00	\$5,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$846,983.00	N/A	\$798,305.70	N/A
Channel 14 Mask Filter	\$189,500.00	\$180,000.00	N/A	\$162,000.00	N/A
Other Electrical Service: additional breakers in panel, EMT or flexible metal conduit, misc wiring	\$7,125.00	\$7,125.00	P#3221PRLXU16- 072417-R2	\$6,412.50	N/A

Equipment Rental	\$4,500.00	\$4,500.00	N/A	N/A	N/A
Factory Training	\$4,500.00	\$4,500.00	N/A	\$4,050.00	N/A
Sub-total	\$1,233,020.00	\$1,120,143.00	N/A	\$975,119.70	N/A
Total for all systems	\$2,459,725.00	\$2,284,643.00	N/A	\$1,233,342.54	N/A

Actual Information Description	File Name	
Motorized Switch	Component Description: Amount:	Motorized Switch (40% Due Prior to Shipment) \$1,934.00
	Component Description: Amount:	Motorized Switch (50% Down Payment) \$2,417.50
plumbing	Information not provided.	
anti-freeze	Information not provided.	
transmission line	Information not provided.	
Additional field engineering time, 10-30 days	Information not provided.	
RF Consulting Engineer	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description: Amount:	Transmitter \$354,802.20
	Component Description: Amount:	transmitter system \$443,503.50

Channel 14 Mask Filter		
	Component Description:	Mask Filter System (40% Due
	Amount:	Prior to Shipment) \$72,000.00
	Component Description:	Mask Filter System (50%
	Amount:	Down Payment) \$90,000.00
Other Electrical Service: additional breakers in panel,		
EMT or flexible metal conduit, misc wiring	Component Description:	Surge Suppressor (40% Due Prior to Shipment)
	Amount:	\$2,850.00
	Component Description:	Surge Suppressor (50% Down
	Amount:	Payment) \$3,562.50
Equipment Rental	Information not provided.	
Factory Training		
	Component Description:	Factory Training (40% Due Prior to
	Amount:	Shipment) \$1,800.00
	Component Description:	Factory Training (50% Down Payment)

# Antennas

# Cost Information

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

Description Primary Antenna TFU 12GTH- R C250	Predetermined Cost Estimate \$260,705.00	Estimated Cost \$248,375.00	Estimated Cost Justification	Actual Cost \$170,413.34	Actual Cost Justification
temporary antenna	\$6,975.00	\$6,975.00	to minimize "off air" time while main antenna and transmitter are replaced.	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,826.30	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$235,000.00	N/A	\$164,587.04	N/A
Sub-total	\$260,705.00	\$248,375.00	N/A	\$170,413.34	N/A
Total for all systems	\$2,459,725.00	\$2,284,643.00	N/A	\$1,233,342.54	N/A

Actual Information Description	File Name
temporary antenna	Information not provided.

antenna	Component Description:	Primary Antenna Sweep Test
	Amount:	\$3,586.30
	Component Description:	Primary Antenna
	Amount:	Sweep Test \$2,240.00
UHF - High Power Top Mount (200-1000 kW), One		
station antenna, horizontally polarized	Component Description:	Primary Antenna UHF High Power
polarizeu	Amount:	Top Mount \$63,781.34
	Component Description:	Primary Antenna UHF High Power Top Mount
	Amount:	\$100,805.70

# **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	\$31,750.00	\$30,250.00		\$0.00	
misc hardware	\$7,000.00	\$7,000.00	connectors, hanging brackets, etc. needed for installation of temporary transmission line which will feed the temporary antenna	N/A	N/A
Flexible Air Transmission Line - dielectric, 1 5 /8"	\$24,750.00	\$23,250.00	N/A	N/A	N/A
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Sub-total	\$31,750.00	\$30,250.00	N/A	\$0.00	N/A
Total for all systems	\$2,459,725.00	\$2,284,643.00	N/A	\$1,233,342.54	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	\$644,100.00	\$608,500.00		\$81,300.00	
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	\$72,800.00	N/A
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$8,500.00	N/A	\$8,500.00	N/A
Sub-total	\$644,100.00	\$608,500.00	N/A	\$81,300.00	N/A
Total for all systems	\$2,459,725.00	\$2,284,643.00	N/A	\$1,233,342.54	N/A

Actual Information Description	File Name	
Tall Tower (greater than 500')	Component Description: Amount:	Repack top mount TV antenna system replacement services \$72,800.00
Major tower reinforcement /modifications	Information not provided.	

Structural engineering tower load study for well documented tower	Component Description: Amount:	Tower structural review \$4,250.00
	Component Description:	Engineering Services for KFXB- TV per contract
	Amount:	CS188-011 \$4,250.00

# **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	\$240,170.00	\$228,285.00		\$0.00	
Additional Field Engineering Service, 3 Days	\$6,000.00	\$6,000.00	Work performed by on-site engineering assistant - includes but is not limited to equipment relocation, running control wiring, and assembling connectors.	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$81,900.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,050.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,050.00	N/A	N/A	N/A

NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,140.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,095.00	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	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$500.00	N/A	N/A	N/A
Project management of the transition	\$94,010.00	\$90,750.00	Price quote	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other	\$2,630.00	\$2,560.00	N/A	N/A	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	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
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,240.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$750.00	N/A	N/A	N/A
Sub-total	\$240,170.00	\$228,285.00	N/A	\$0.00	N/A
Total for all systems	\$2,459,725.00	\$2,284,643.00	N/A	\$1,233,342.54	N/A

Actual Information	
Description	File Name

Additional Field Engineering Service, 3 DaysInformation not provided.Comprehensive coverage verification via field study, if neededInformation not provided.FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increaseInformation not provided.ASR modification (prepare FCC Form 854)Information not provided.NEPA Section 106 environmental review, if neededInformation not provided.Attorney Fees - Negotiation of lease and other matters for shared locationsInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare request for Special Temporary AuthorizationInformation not provided.		
verification via field study, if neededInformation not provided.FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increaseInformation not provided.ASR modification (prepare FCC Form 854)Information not provided.NEPA Section 106 environmental review, if neededInformation not provided.Attorney Fees - Negotiation of lease and other matters for shared locationsInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare request for SpecialInformation not provided.		Information not provided.
cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increaseInformation not provided.ASR modification (prepare FCC Form 854)Information not provided.NEPA Section 106 environmental review, if neededInformation not provided.Attorney Fees - Negotiation of lease and other matters for shared locationsInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare request for SpecialInformation not provided.	verification via field study, if	Information not provided.
FCC Form 854)Information not provided.NEPA Section 106 environmental review, if neededInformation not provided.Attorney Fees - Negotiation of lease and other matters for shared locationsInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare request for SpecialInformation not provided.	cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for	Information not provided.
environmental review, if neededAttorney Fees - Negotiation of lease and other matters for shared locationsInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), 		Information not provided.
of lease and other matters for shared locationsInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare request for SpecialInformation not provided.	environmental review, if	Information not provided.
File FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare request for SpecialInformation not provided.	of lease and other matters	Information not provided.
File FCC Form 2100 (main),         Construction Permit         Application         Prepare request for Special         Information not provided.	File FCC Form 2100 (main),	Information not provided.
	File FCC Form 2100 (main), Construction Permit	Information not provided.
		Information not provided.

Project management of the transition	Component Description: Amount:	Project Management \$1,693.10
	Component Description: Amount:	Project Management \$1,458.20
	Component Description: Amount:	Project Management \$3,358.20
Prepare and or review reimbursement form	Information not provided.	
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	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	\$49,980.00	\$49,090.00		\$0.00	
MVPD Notification of Channel Change	\$1,500.00	\$1,500.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$0.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$6,000.00	\$6,000.00	disposal of old transmitter equipent	N/A	N/A
Equipment Delivery and Handling Charges	\$30,000.00	\$30,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$400.00	\$400.00	production time	N/A	N/A

Sub-total	\$49,980.00	\$49,090.00	N/A	\$0.00	N/A
Total for all systems	\$2,459,725.00	\$2,284,643.00	N/A	\$1,233,342.54	N/A

# Components

Information not provided.

Cost Information	Grand Total				
		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$2,459,725.00	\$2,284,643.00	\$1,233,342.54	

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.	
		<ol> <li>The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>The above-named</li> </ol>	
		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.	CHRIS L MAVROS Director of Engineering
	10/08/2018

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).	
		<ol> <li>The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> </ol>	
		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).
- 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.

<ul> <li>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</li> <li>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.</li> </ul>	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	CHRIS L MAVROS Director of Engineering
	10/08/2018

# Attachments