



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **17625** | Service: **DTV** | Call **KFXB-TV** | Channel: **14 (UHF)** |
ID:
File **0000027784**
Number:
FRN: **0013774344** | Date **12/21**
Submitted: **/2018**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
CHRISTIAN TELEVISION NETWORK OF IOWA, INC. Doing Business As: Christian Television Network of Iowa, Inc	Chris Mavros 744 Main St Dubuque, IA 52001 United States	+1 (563) 690- 1704	clmavros@yahoo. com	Not-for- Profit

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Joseph C. Chautin III <i>Hardy, Carey, Chautin & Balkin, LLP</i>	1080 West Causeway Approach Mandeville, LA 70471 United States	+1 (985) 629-0777	jchautin@hardycarey. com

**Broadcaster
Information
and
Transition
Plan**

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	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

**Primary
Transmitter**

Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Visionary
	Year	2004
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	29 kW

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	PRLX U16 D14
	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
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A

	Other Electrical Service	Yes
	Description	additional breakers in panel, EMT or flexible metal conduit, misc wiring
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold 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 Transmitter

Other Transmitter Cost Not Listed

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

anti-freeze	coolant anti-freeze
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Antennas

Section	Question	Response
Antenna Related 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 Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	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
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	580.0 kW
	Manufacturer	

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
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	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
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.

Transmission Line

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line**Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	ERI
	Type	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

Primary

Other Transmission Line Expenses Not Listed

Transmission Line

Information not provided.

Interim

New Transmission Line

Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	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 Not Listed

Transmission Line

Name	Description
misc hardware	connectors, hanging brackets, etc.

Tower Equipment And Rigging Costs

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

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	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 Registration	Do you have a tower registration number?	Yes
	ASR Number	1055265
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	42° 31' 09.0" N-
	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

Primary Tower

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

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

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional**

Section	Question	Response
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 to 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 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	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
	Number of Days	3

	Justification	optimization of existing transmission line to operate on new channel
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Outside Professional Services Costs **Other Professional Services Expenses Not Listed**

Services not provided.

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	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	Other Expenses Not Listed
	Information not provided.

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter PRLX U16 D14	\$1,233,925.31	\$1,160,167.07		\$975,120.36	
anti-freeze	<i>\$200.00</i>	\$200.00	N/A	N/A	N/A
Motorized Switch	<i>\$5,100.93</i>	\$5,100.93	Please see attached cover letter for Hitachi Proposal P#3221 - This estimated cost includes taxes on this item.	\$4,590.83	Please see attached cover letter detailing how taxes have been broken out for each individual item.
transmission line	<i>\$5,000.00</i>	\$5,000.00	N/A	N/A	N/A
Equipment Rental	<i>\$4,500.00</i>	\$4,500.00	N/A	\$0.00	N/A
plumbing	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
Factory Training	<i>\$4,747.50</i>	\$4,747.50	Please see attached cover letter for Hitachi Proposal P#3221 - This estimated cost includes taxes on this item.	\$4,272.75	Please see attached cover letter detailing how taxes have been broken out for each individual item.

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
Other Electrical Service: additional breakers in panel, EMT or flexible metal conduit, misc wiring	\$7,516.88	\$7,516.88	Please see attached cover letter for Hitachi Proposal P#3221 - This estimated cost includes taxes on this item.	\$6,765.19	Please see attached cover letter detailing how taxes have been broken out for each individual item.
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$876,201.76	Please see attached cover letter for Hitachi Proposal P#3221 - This estimated cost includes taxes on this item.	\$788,581.59	Please see attached cover letter detailing how taxes have been broken out for each individual item.
Channel 14 Mask Filter	\$189,500.00	\$189,900.00	Please see attached cover letter for Hitachi Proposal P#3221 - This estimated cost includes taxes on this item.	\$170,910.00	Please see attached cover letter detailing how taxes have been broken out for each individual item.
Sub-total	\$1,233,925.31	\$1,160,167.07	N/A	\$975,120.36	N/A

Total for all systems	\$2,460,630.31	\$2,337,830.90	N/A	\$1,373,707.03	N/A
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Components

Actual Information	
Description	File Name
anti-freeze	Information not provided.
Motorized Switch	<div> <div> Component Description: Amount: </div> <div> Motorized Switch (40% Due Prior to Shipment) \$2,040.37 </div> </div> <div> <div> Component Description: Amount: </div> <div> Motorized Switch (50% Down Payment) \$2,550.46 </div> </div>
transmission line	Information not provided.
Equipment Rental	Information not provided.
plumbing	Information not provided.
Factory Training	<div> <div> Component Description: Amount: </div> <div> Factory Training (40% Due Prior to Shipment) \$1,899.00 </div> </div> <div> <div> Component Description: Amount: </div> <div> Factory Training (50% Down Payment) \$2,373.75 </div> </div>
Additional field engineering time, 10-30 days	Information not provided.
RF Consulting Engineer	Information not provided.

Other Electrical Service: additional breakers in panel, EMT or flexible metal conduit, misc wiring	Component Description:	Surge Suppressor (50% Down Payment)
	Amount:	\$3,758.44
	Component Description:	Surge Suppressor (40% Due Prior to Shipment)
	Amount:	\$3,006.75
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description:	Transmitter
	Amount:	\$350,480.71
	Component Description:	transmitter system
	Amount:	\$438,100.88
Channel 14 Mask Filter	Component Description:	Mask Filter System (40% Due Prior to Shipment)
	Amount:	\$75,960.00
	Component Description:	Mask Filter System (50% Down Payment)
	Amount:	\$94,950.00

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU 12GTH-R C250	\$260,705.00	\$248,375.00		\$170,413.34	
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
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
Sub-total	\$260,705.00	\$248,375.00	N/A	\$170,413.34	N/A
Total for all systems	\$2,460,630.31	\$2,337,830.90	N/A	\$1,373,707.03	N/A

Components

Actual Information
Description

File Name

UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	Component Description:		Primary Antenna - UHF High Power Top Mount
	Amount:		\$63,781.34
	Component Description:		Primary Antenna - UHF High Power Top Mount
	Amount:		\$100,805.70
temporary antenna	Information not provided.		
Sweep test of existing antenna	Component Description:		Primary Antenna - Sweep Test
	Amount:		\$2,240.00
	Component Description:		Primary Antenna - Sweep Test
	Amount:		\$3,586.30

Cost
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$31,750.00	\$30,250.00		\$0.00	
Flexible Air Transmission Line - dielectric, 1 5 /8"	\$24,750.00	\$23,250.00	N/A	N/A	N/A
misc hardware	<i>\$7,000.00</i>	\$7,000.00	connectors, hanging brackets, etc. needed for installation of temporary transmission line which will feed the temporary antenna	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	\$2,460,630.31	\$2,337,830.90	N/A	\$1,373,707.03	N/A

Components

Information not provided.

Cost
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$644,100.00	\$621,663.83		\$221,663.83	
Tall Tower (greater than 500')	\$210,500.00	\$213,163.83	Proposal #04051806T from Coast to Coast Tower Service, Inc.	\$213,163.83	Proposal #04051806T from Coast to Coast Tower Service, Inc.
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	\$621,663.83	N/A	\$221,663.83	N/A
Total for all systems	\$2,460,630.31	\$2,337,830.90	N/A	\$1,373,707.03	N/A

Components

Actual Information	
Description	File Name

Tall Tower (greater than 500')	Component Description: Amount:	Tower Service- IA \$3,715.00
	Component Description: Amount:	Repack top mount TV antenna system replacement services \$72,800.00
	Component Description: Amount:	Tower Service \$95,000.00
	Component Description: Amount:	Tower Service \$41,648.83
Major tower reinforcement /modifications	Information not provided.	
Structural engineering tower load study for well documented tower	Component Description: Amount:	Engineering Services for KFXB-TV per contract CS188-011 \$4,250.00
	Component Description: Amount:	Tower structural review \$4,250.00

Cost
Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$240,170.00	\$228,285.00		\$6,509.50	
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$750.00	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

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	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
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,560.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$94,010.00	\$90,750.00	Price quote	\$6,509.50	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,140.00	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
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,050.00	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
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$81,900.00	N/A	N/A	N/A
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
Sub-total	\$240,170.00	\$228,285.00	N/A	\$6,509.50	N/A
Total for all systems	\$2,460,630.31	\$2,337,830.90	N/A	\$1,373,707.03	N/A

Components

Actual Information	
Description	File Name
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	Information not provided.
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	Information not provided.
Perform engineering study for new channel assignment and antenna development	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	Information not provided.

Project management of the transition	Component Description: Project Management Amount: \$1,693.10
	Component Description: Project Management Amount: \$1,458.20
	Component Description: Project Management Amount: \$3,358.20
NEPA Section 106 environmental review, if needed	Information not provided.
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.
Additional Field Engineering Service, 3 Days	Information not provided.

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$49,980.00	\$49,090.00		\$0.00	
Develop and air announcement of upcoming channel change	<i>\$400.00</i>	\$400.00	production time	N/A	N/A
MVPD Notification of Channel Change	<i>\$1,500.00</i>	\$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)	<i>\$6,000.00</i>	\$6,000.00	disposal of old transmitter equipment	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$30,000.00</i>	\$30,000.00	N/A	N/A	N/A

Sub-total	\$49,980.00	\$49,090.00	N/A	\$0.00	N/A
Total for all systems	\$2,460,630.31	\$2,337,830.90	N/A	\$1,373,707.03	N/A

Components

Information not provided.

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$2,460,630.31	\$2,337,830.90
			\$1,373,707.03

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>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.</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

<p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>CHRIS L MAVROS <i>Director of Engineering</i></p> <p>12/21/2018</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> 1. 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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>CHRIS L MAVROS <i>Director of Engineering</i></p> <p>12/21/2018</p>

Attachments