

Federal Communications Commission

#### (REFERENCE COPY - Not for submission)

## FCC Form 399: Reimbursement Request

Facility ID: File	59014 000002	Service: DTV 8162	Call Sign:	KOAA-TV	Channel: 25 (UHF)
Number:					
FRN: 000	02710192	Date	09/21		
		Submitted:	/2018		

## Applicant Name, Type, and Contact Information

## Information

Applicant	Address	Phone	Email	Applicant Type
SANGRE DE CRISTO COMMUNICATIONS, LLC Doing Business As: SANGRE DE CRISTO COMMUNICATIONS, LLC	CHIEF ENGINEER 2200 7TH AVENUE PUEBLO, CO 81003 United States	+1 (719) 544- 5781	qh@koaa. 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
	<b>Quentin Henry</b> Chief Engineer Sangre de Christo Communications, LLC	Quentin Henry 2200 7th Avenue Pueblo, CO 81003 United States	+1 (719) 671- 9013	qh@koaa. 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	Continue operation on existing tower, transmission line and antenna. Build a new tower and install new transmission line and antenna. Modification of the existing tower is more expensive than the new tower construction.	

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

Primary	Existing Transmitter Information				
Transmitter	Section	Question	Response		
	Existing Transmitter Description	Type of change	Purchase New		
		Use	Primary (Main)		
		Description of Use	N/A		
		Ownership	Owned		
		Owner	N/A		
		Site	N/A		
		Is this transmitter currently shared with another station?	No		
		Is this transmitter currently in operating condition?	Yes		
	Existing Transmitter	Manufacturer			
	Manufacturer and Type	Model	SigmaCD		
		Year	2004		
		Туре	Inductive Output Tube		
		IOT Power Type	Single		
		Power Capacity	23.6 kW		

## **Existing Transmitter Information**

Primary	New Transmitter Costs				
Transmitter	Section	Question	Response		
New Transmitter	New Transmitter	Use	Primary (Main)		
		Change Type	Purchase New		
		Is this a request for upgraded equipment?	Yes		
		Manufacturer			
		Model	ULXTE-50		
		Transmitter Type	Solid State		
		Solid State Cooling	Liquid Cooled		
		Solid State Power capacity	31.7 kW		
		Justification for New Transmitter	Existing transmitter will not re- tune to new frequency.		

## Primary Other Transmitter Costs

Transmitter	Section	Question	Response
	Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp) Transformer (480V)	Yes	
		Yes	
		Power	300 kVA
		Rigid Conduit and Wiring	Yes
		Size	4. inches
		Length	200.0 feet
		Other Electrical Service	Yes

	Description	The replacement of power company pole transformers and power lines between power pole transformers and the building is needed to accommodate the added load during the transition period.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	10 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter	Other Transmitter Cost Not Listed			
	Name	Description		
	Old transmitter DE-INSTALL	DE-INSTALL of old transmitter and all associated equipment.		

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?	No	
	Existing Antenna Manufacturer and Type	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Middle	
		Polarization	Elliptical	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels	N/A	
		Design power capacity in use	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	880.0 kW	

Manufacturer	
Model	TFU 24DSB C270 (SF (C)
Year	2006

Primary	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Types	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels/Bays	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Design power capacity in use	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	1000.0 kW	
		Manufacturer		
			1	

Model	TFU-23JS0 /VP-R C270 D25 PER C- 70120-4
Year	2017
Justification for New Antenna	The existing antenna can not be re tuned to the new frequency.

# Primary Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	4 1/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
	Combiner for Shared Antenna	Combiner for Shared AntennaDo you need a Combiner for a Shared Antenna?TypeNumber of channels supportedFrequencies of channels supportedFrequencies of channels supportedFrequencyDo you need a combiner output splitter /switcher for dual feed lines?Elbow ComplexDo you require the separate purchase of the Elbow Complex?Broadband or Single Channel?Side Mount BracketsDo you require the separate purchase of side mount brackets for a high power

Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

# Primary<br/>AntennaOther Antenna Cost Not ListedInformation not provided.

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

ransmissio	Section	Question	Response
	Existing Transmission Line Description	Type of change	Purchase New
		Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
	Existing Transmission Line Manufacturer and Type	Manufacturer	
		Туре	Rigid
		Diameter	4 1/16 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	260 feet per run

# Primary Existing Transmission Line

Primary	New Transmission Line			
Transmissio	on Line Section	Question	Response	
	New Transmission Line Costs	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	No	
		Туре	Rigid	
		Diameter	4 1/16 inches	
		Other Diameter	N/A	
		Segment Length	20 inches	
		Other Segment Length	N/A	
		Number of parallel runs	22	
		Length	20 feet per run	
		Justification for New Transmission Line	Both transmitters have to be on the air at the same time for the transition period. Continued operation of current transmitter on current tower, and new transmitter on new tower.	

Primary Other Transmission Line Expenses Not Listed

Primary Other Transmission Transmission

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

## **Existing Tower**

Primary	Existing Tower			
Tower	Section	Question	Response	
	Existing Tower	Type of change	Construct New	
	Description	Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Leased	
		Is this tower consider Complex?	Terrain Constrained	
		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?	No	
	Existing Tower	Do you have a tower registration number?	No	
	Structure Registration	ASR Number		
	Coordinates (NAD83 (	Latitude (NAD83)	38° 44' 42.0" N-	
	North American Datum of 1983))	Longitude (NAD83)	104° 51' 41.0" W-	
		Overall Structure Height	220.00 feet	
		Support Structure Height	150.00 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	9430.00 feet	
			1	

	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	Cheyenne Propagation
	Date Constructed	06/01/1978

Primary Tower	Tower Construction Costs						
	Section	Question	Response				
	Construct New Tower	Use	Primary (Main)				
		Description of Use	N/A				
		Is this a request for upgraded equipment?	No				
	-	Height	199.00 feet				
		Justification for New Tower	New tower construction cost less than modifications needed to the existing 1978 tower.				

Tower Rigging Costs						
Section	Question	Response				
Tower Rigging Costs	Complex Tower	Terrain constrained				
Helicopter Services Required	Are helicopter services required?	No				
	Section Tower Rigging Costs Helicopter Services	Section     Question       Tower Rigging Costs     Complex Tower       Helicopter Services     Are helicopter services required?				

#### Other Tower Expenses Not Listed

Primary Other Tower Inform

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

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

## Outside Other Professional Services Expenses Not Listed

Professional	Services Costs	Description
	Engineering study	coverage mapping of new channel assignment and equipment
	KOAA repack 28 to repack 25 by Entravision	Entravision in Denver wants to be placed on channel 28. This move forces KOAA to move to channel 25. Co-channel to channel 24 KRDO. Additional studies are required.
	New Tower design analysis	Tower load analysis and deign for new tower

Other	Section	Question	Response
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	No
		Is Remediation needed?	No
	Facility Expenses	Name	N/A
		Other Distributed Transmission System Expenses Not listed	N/A
		Name	N/A
		Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
	Permit and Filing Costs	Local Zoning	No
		Non-zoning permits	Yes
		BLM or NFS Coordination	No
		FCC Construction Permit Minor Change	No
		FCC License to Cover Application	Yes
		FCC Special Temporary Authority Application	No
	Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	No
		Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	No
		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 Cost Justification
Primary Transmitter ULXTE-50	\$1,125,715.43	\$1,147,860.43		\$0.00	
Old transmitter DE-INSTALL	\$18,280.85	\$18,280.85	DE-INSTALL of the old transmitter, lines, electrical power supplies, and all associated equipment to a staging area for disposal.	N/A	N/A
Other Electrical Service: The replacement of power company pole transformers and power lines between power pole transformers and the building is needed to accommodate the added load during the transition period.	\$65,000.00	\$65,000.00	replacing transformers, feedline to building, and pole install.	N/A	N/A
4." Rigid Conduit and Wiring	\$12,000.00	\$12,000.00	N/A	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 31.7 kW	\$902,134.58	\$902,134.58	Maximized from the Entravision displacement of KOAA to channel 25 from FCC assigned repack channel 28.	N/A	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$45,966.00	Both transmitters must be ran on the same electrical service at the same time requiring additional capacity.	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$67,479.00	Both transmitters must be ran on the same electrical service at the same time, requiring added capacity	N/A	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$0.00	Colorado Springs Utility is not charging for this "Transformer 3 phase /480V- 300KVA" upgrade. This expense went from \$35,850.00 to \$0	N/A	N/A

10 Ton system	\$38,900.00	\$37,000.00	N/A	N/A	N/A
Sub-total	\$1,125,715.43	\$1,147,860.43	N/A	\$0.00	N/A
Total for all systems	\$2,637,880.53	\$2,213,265.13	N/A	\$104,456.08	N/A

#### Components

#### Antennas

#### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU-23JSC /VP-R C270 D25 PER C- 70120-4	\$272,377.10	\$269,159.10		\$0.00	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$21,500.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$8,592.00	N/A	N/A	N/A

UHF - High Power, Side Mount, basic slot antenna, 1000 kW input, directional,, elliptically or circularly polarized	\$227,667.10	\$227,667.10	Previous antenna could not be retuned to new frequency.	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$272,377.10	\$269,159.10	N/A	\$0.00	N/A
Total for all systems	\$2,637,880.53	\$2,213,265.13	N/A	\$104,456.08	N/A

#### Components

#### **Transmission Line**

#### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$62,480.00	\$55,047.60		\$0.00	
Rigid Transmission Line - copper, 4 1 /16"	\$62,480.00	\$55,047.60	N/A	N/A	N/A
Sub-total	\$62,480.00	\$55,047.60	N/A	\$0.00	N/A
Total for all systems	\$2,637,880.53	\$2,213,265.13	N/A	\$104,456.08	N/A

#### Components

#### **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 GTOWER	\$0.00	\$0.00		\$0.00	
Primary Tower	\$944,773.00	\$523,773.00		\$9,975.00	
New tower	\$523,773.00	\$523,773.00	The modifications needed to get the tower safe for the interim antenna and rigging exceed the cost of a new tower. A new tower is less expensive than the needed modifications.	\$9,975.00	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$0.00	N/A	N/A	N/A
Sub-total	\$944,773.00	\$523,773.00	N/A	\$9,975.00	N/A
Total for all systems	\$2,637,880.53	\$2,213,265.13	N/A	\$104,456.08	N/A

#### Components

Actual Information Description	File Name	
New tower	Component Description:	One of several invoices for this line. This is specific for geotechnical survey & report with reimbursement of \$4875 being requested. \$4,875.00
	Component Description:	One invoice of many for this line. This specifically is for structural analysis & report, add'I loading configurations & PE sealed docs \$5,100.00
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.	

#### **Outside Professional Services**

#### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$211,800.00	\$197,250.00		\$94,481.08	
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$8,464.88	Several invoices comprise this section. Cohen, Dippell & Everist to date bring the total to \$8464.88.
New Tower design analysis	\$6,000.00	\$6,000.00	Engineering analysis of tower loading and design of the new tower.	\$9,975.00	due to mountain terrain actual is coming in higher than original estimate.
KOAA repack 28 to repack 25 by Entravision	\$50,000.00	\$50,000.00	Additional consulting engineering expense due to Entravision wanting to occupy the KOAA repack channel 28. That would displace KOAA to channel 25 that is co- channel to KRDO 24.	\$41,742.70	additional invoices will be added to this estimated cost line of \$50,000 as this is one of several.

Engineering study	\$14,000.00	\$14,000.00	N/A	\$14,000.00	N/
RF Exposure Measurements	\$21,050.00	\$17,500.00	N/A	N/A	N/J
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$75,000.00	N/A	N/A	N//
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N//
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	NEPA study for the new tower construction located 50 foot away from the existing tower.	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N//

Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	Actual attorney fees for normal repack construction permit process for form 2100 and 399 came in higher than the estimated cost.	\$0.00	Additional fees due to FCC requested move of KOAA repack channel 28 to channel 25 due to Entravision channel 14 Denver issu
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

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$20,298.50	This may not be the final for this section. Costs are coming in much higher than original estimate for various issues including amendments to the applications.
Sub-total	\$211,800.00	\$197,250.00	N/A	\$94,481.08	N/A
Total for all systems	\$2,637,880.53	\$2,213,265.13	N/A	\$104,456.08	N/A

#### Components

Actual Information Description	File Name	
Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	Consulting & Engineering Services thru 4/27 /17 for analysis on TVStudy 2.2 of curr. C. 42 oper. and repack C.28 \$1,058.40
	Component Description: Amount:	Consulting engineering thru 5 /31/17 on Longley- Rice analysis for TVStudy 2.2 of repacked C.28 \$509.50

	Component Description:	Consult eng serv
		thru Aug 17 for
		prelim analysis on
		TVStudy 2.2 of
		K30JM-D issues to
		incentive auction
		repack & prep of
		eng response to
		FCC inquiry on
		numerous discuss
		persuant to appl to
		construct repack
		facilities DA17-314
		C. 28 horiz. and
		vert. specs
	Amount:	\$3,267.24
	Amount.	\$3,207.2 <del>4</del>
	Component Description:	Consulting
		engineering thru
		July 2017 to
		assemble technical
		issues for prep of
		engr stmt for
		application to
		construct repack
		facilities for C.28 &
		prelim study for fill
		in translator K30JM
		coverage
	Amount:	\$3,629.74
	Allouit.	\$0,020.14
New Tower design analysis		
	<b>Component Description:</b>	Structural analysis
		& report for tower.
	Amount:	\$5,100.00
	<b>Component Description:</b>	Geotechnical
		survey & report.
	Amount:	\$4,875.00

KOAA repack 28 to repack		
25 by Entravision	Component Description:	Review of draft channel change agreement provided by Entravision as part
	Amount:	of resolution. \$20,548.20
	Component Description:	Numerous calls and emails with regards to a proposed resolution of Channel 14 issue and possible impact on KOAA repack channel
	Amount:	\$20,930.00
	Component Description:	FCC grant of channel change repack application.
	Amount:	\$264.50
Engineering study		
	Component Description:	Initial site survey for transmitter antenna components
	Amount:	\$14,000.00
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
ASR modification (prepare FCC Form 854)	Information not provided.	

NEPA Section 106 environmental review, if neededInformation not provided.Attorney Fees - Prepare and File request for Special Temporary AuthorizationInformation 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), License to Cover ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), Construction Permit ApplicationComponent Description:Prepare and or review reinbursement formComponent Description:begin initial research relating to preparation of repack applications.Armount:S177.50Component Description:review & respond to consulting engineer regarding TV repack applications.	environmental review, if neededInformation not provided.Attorney Fees - Prepare and File request for Special Temporary AuthorizationInformation 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), License to Cover ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), ConstructionInformation not provided.Prepare and or review reimbursement formComponent Description:begin initial research relating to preparation of repack applicationsAmount:S177.50	environmental review, if neededInformation not provided.Attorney Fees - Prepare and File request for Special Temporary AuthorizationInformation 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 engineering section of FCC Form 2100 (main), License to Cover ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), Construction Permit ApplicationInformation not provided.Prepare engineering section of FCC Form 2100 (main), Construction Permit ApplicationComponent Description: tresearch relating to preparation of repack applications. Amount:Prepare and or review reimbursement formComponent Description: review & respond to consulting engineer regarding TV repack applications.			
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consulting engineer regarding TV	consulting engineer regarding TV repack applications.	consulting engineer regarding TV repack applications.		Amount:	\$177.50
				Component Description:	consulting engineer regarding TV

Component Description:	review FCC repack letter, preparing emails for same, repack reimbursement process. \$1,424.00
Component Description:	review FCC forms & emails regarding FCC repack reimbursement issues & applications. \$1,360.00
Component Description: Amount:	review & correspondence regarding amendment for repack application. \$14,619.50
Component Description: Amount:	Research & correspondence on repack reimbursement process \$286.50
Component Description: Amount:	Review quarterly progress report & email for reimbursement process \$648.00

Component Description:	FCC repack quarterly progress report, release of add'l repack funding, reimbursement
Amount:	issues. \$567.00
Component Description:	email with engr staff for second
	tranche of repack funding
Amount:	\$81.00
Component Description:	Email for new FCC
	repack
	reimbursement
Amount:	process. \$171.00

#### **Other Expenses**

#### Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$20,735.00	\$20,175.00		\$0.00	
MVPD Notification of Channel Change	\$4,500.00	\$4,500.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$850.00	\$850.00	N/A	N/A	N/A
Non-zoning permits	\$3,500.00	\$3,500.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
Sub-total	\$20,735.00	\$20,175.00	N/A	\$0.00	N/A
Total for all systems	\$2,637,880.53	\$2,213,265.13	N/A	\$104,456.08	N/A

#### Components

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,637,880.53	\$2,213,265.13	\$104,456.08

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.	Evie Hudson Business Manager 09/21/2018

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.

	The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
an au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ied above.	<b>Evie</b> Hudson Business Manager
		09/21/2018

#### Attachments