



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **168750** | Service: **DCA** | Call **KSBS-CD** | Channel: **19 (UHF)** |
ID:
File **0000024837**
Number:
FRN: **0002710192** | Date **05/13**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
CHANNEL 3 TV COMPANY, LLC Doing Business As: KCDO-TV/KSBS-CD	Greg Armstrong 3001 S Jamaica Ct. Ste 210 Aurora, CO 80014 United States	+1 (303) 925-0303	garmstrong@ch3tv.com	Limited Liability Company

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
The Preparer is same as the reimbursement contact.			

**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.		Yes
Briefly describe transition plan		A Project Manager has been hired to work under station supervision to design and build a replacement facility on reassigned channel 19 and includes a new transmitter, antenna and flash transition with no interim facilities.

Transmitters

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

**Primary
Transmitter**

Existing 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	Dynamar
	Year	2012
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	.7 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	EC 702-HP
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	1.7 kW
	Justification for New Transmitter	In order to do a flash cut to avoid an extended off air period a new transmitter is required as the station has no current standby facility. This is a higher powered transmitter, but broadcaster does not seek reimbursement for the upgrade costs.

**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	Modify 50 amp 240 volt service to support additional transmitter and HVAC load. Install 12 kVA generator and supporting infrastructure. This description replaces earlier description to conform to work actually required.
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	Other
	Other Size	1 tons
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	400.0 square feet
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
Inside RF System	Materials to adapt output load switching.
Proof and Test	Cost of outside engineer and rental equipment to proof and test transmitter in output switching.

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?	No
Existing Antenna Manufacturer and Type	Class	Class A
	Mounting	Side Mount
	Antenna position in stack	Middle
	Polarization	Elliptical
	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)	15.0 kW

Manufacturer	
Model	PSILP 8CRC-41- CP Custom
Year	2012

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?	No
New Antenna Manufacturer and Types	Class	Class A
	Mounting	Side Mount
	Antenna position in stack	Middle
	Polarization	Elliptical
	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)	13.8 kW
	Manufacturer	

Model	TLP-8M/VP-R BB
Year	2018
Justification for New Antenna	Current antenna is slotted single channel on channel 41 and reassigned channel is 19. Initially proposed replacement was panel with wind-load issues. This replacement is slot design.

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?	Yes
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
Side Mount Brackets	It has been found that it will be necessary to create custom brackets to mount the antenna.

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	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	
	Type	Flexible Foam
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	59 feet per run

Primary **New Transmission Line**
Transmission 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
	Type	Flexible Foam
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	66 feet per run
	Justification for New Transmission Line	Increased line length to meet new construction permit height of new antenna.

Primary **Other Transmission Line Expenses Not Listed**
Transmission Line **Information not provided.**

**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?	Yes
	One or more FM, AM or TV radio broadcaster(s)	No
	Others Types of Users	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	39° 43' 45.9" N-
	Longitude (NAD83)	105° 14' 09.9" W-
	Overall Structure Height	66.10 feet
	Support Structure Height	50.50 feet
	Ground Elevation Above Mean Sea Level (AMSL)	7358.90 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	Mauna Towers, LLC
Date Constructed	01/01/1980

Other Types of Users

Users

4 LPTV stations

6 FM stations

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor 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	520
	Explanation	Station lacks an experienced person on its small staff to execute this transition so a contract with a Project Manager is necessary.
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 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	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	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	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Other Professional Services Expenses Not Listed
Professional Services Costs 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	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

Other Expenses	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 EC 702-HP	\$171,000.00	\$109,000.00		\$79,250.28	
Proof and Test	<i>\$12,000.00</i>	\$12,000.00	N/A	N/A	N/A
Inside RF System	<i>\$6,500.00</i>	\$6,500.00	N/A	N/A	N/A
Other -- Building Addition Size: 400.0	<i>\$6,000.00</i>	\$6,000.00	Building modifications found to be necessary to support the installation of the repack transmitter.	\$729.08	N/A
Other -- HVAC Service Type: C Size: 1 (Other)	<i>\$6,000.00</i>	\$6,000.00	Bids for the necessary air conditioning to support the repack transmitter were higher than the initial estimate.	\$767.64	N/A

Other Electrical Service: Modify 50 amp 240 volt service to support additional transmitter and HVAC load. Install 12 kVA generator and supporting infrastructure. This description replaces earlier description to conform to work actually required.	\$14,500.00	\$14,500.00	N/A	\$13,842.96	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$64,000.00	N/A	\$63,910.60	N/A
Sub-total	\$171,000.00	\$109,000.00	N/A	\$79,250.28	N/A
Total for all systems	\$715,889.00	\$301,110.00	N/A	\$199,151.25	N/A

Components

Actual Information	
Description	File Name
Proof and Test	Information not provided.
Inside RF System	Information not provided.

Other -- Building Addition Size: 400.0	Component Description: Transmitter building modifications. Amount: \$729.08
Other -- HVAC Service Type: C Size:1 (Other)	Component Description: Air conditioning unit for transmitter building. Home Depot receipt added. Amount: \$767.64
Other Electrical Service: Modify 50 amp 240 volt service to support additional transmitter and HVAC load. Install 12 kVA generator and supporting infrastructure. This description replaces earlier description to conform to work actually required.	Component Description: Step-down transformer to correct AC voltage. Amount: \$2,442.96 Component Description: Electrical system modification and generator installation. Amount: \$11,400.00

UHF - Air Cooled Solid
State Transmitter 1 - 2.5 kW

Component Description:

This is the second and final payment for the transmitter (there are two invoices, both for \$31955.30). This does not include the cost of the transmitter upgrade.

Amount:

\$31,955.30

Component Description:

50% downpayment of replication transmitter; does not include upgrade. See attached explanation.

Amount:

\$31,955.30

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 TLP-8M/VP-R BB	\$36,030.00	\$37,400.00		\$28,528.00	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - Lower Power Side Mount, Class A One Station antenna -- basic	\$26,300.00	\$28,000.00	Current antenna is "slot" design; initially proposed replacement was panel, which would cause wind load issues. New replacement, Dielectric TLP=8M/VP-R-BB is slot design.	\$22,128.00	N/A
Side Mount Brackets	\$3,000.00	\$3,000.00	It has been found that it will be necessary to create custom brackets to mount the antenna.	N/A	N/A
Sub-total	\$36,030.00	\$37,400.00	N/A	\$28,528.00	N/A
Total for all systems	\$715,889.00	\$301,110.00	N/A	\$199,151.25	N/A

Components

Actual Information Description	File Name
Sweep test of existing antenna	Component Description: Second payment, half of total. Amount: \$3,200.00 Component Description: This down-payment invoice also includes charges for antenna and transmission line. Amount: \$3,200.00
UHF - Lower Power Side Mount, Class A One Station antenna -- basic	Component Description: Second payment, does not include extra cost of upgraded antenna. Invoice also contains charge for transmission line. Amount: \$11,064.00 Component Description: This down-payment Invoice is also for transmission line and sweep. Portion of antenna cost not requested is for upgrade. See attached explanation. Amount: \$11,064.00
Side Mount Brackets	Information not provided.

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
Primary Transmission Line	\$1,584.00	\$6,200.00		\$5,935.21	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$1,584.00	\$6,200.00	Catalog of Estimated Cost price of \$23/foot appears to be based on 1,000 ft. lengths and does not scale down to 66 fee with hangers, other accessories, and installation costs.	\$5,935.21	N/A
Sub-total	\$1,584.00	\$6,200.00	N/A	\$5,935.21	N/A
Total for all systems	\$715,889.00	\$301,110.00	N/A	\$199,151.25	N/A

Components

Actual Information	
Description	File Name

Flexible Foam Transmission
Line - dielectric, 1 5/8"

Component Description:

Second payment.
Invoice also
includes charge
for antenna.

Amount:

\$2,615.38

Component Description:

This down-
payment invoice
also includes
charges for
antenna and
sweep.

Amount:

\$2,615.39

Component Description:

Additional
transmission line
parts purchased
by Project
Manager from
Pasternack and
Eupen. Charges
passed through
without additions.

Amount:

\$704.44

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 GTOWER	\$268,500.00	\$23,500.00		\$6,982.01	
Short Tower (less than 500')	\$84,200.00	\$9,000.00	Additional costs related to weather during install and the recommendation of the manufacturer to remove the old antenna from the tower after the transition to channel 19.	\$6,982.01	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$8,500.00	N/A	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$6,000.00	N/A	N/A	N/A
Sub-total	\$268,500.00	\$23,500.00	N/A	\$6,982.01	N/A
Total for all systems	\$715,889.00	\$301,110.00	N/A	\$199,151.25	N/A

Components

Actual Information	
Description	File Name

Short Tower (less than 500')	Component Description: Labor, materials, equipment rental, and mileage for tower rigging and antenna installation. Amount: \$6,982.01
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.
Minor tower reinforcement /modifications	Information not provided.

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	\$212,390.00	\$104,750.00		\$62,119.25	
Project management of the transition	\$82,160.00	\$60,000.00	N/A	\$51,119.25	N/A
RF Exposure Measurements	\$21,050.00	\$6,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$15,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$5,000.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$0.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$3,500.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$2,500.00	N/A
Sub-total	\$212,390.00	\$104,750.00	N/A	\$62,119.25	N/A
Total for all systems	\$715,889.00	\$301,110.00	N/A	\$199,151.25	N/A

Components

Actual Information
Description

File Name

Project management of the transition	Component Description: Project Management 5/3-5/26/17 Amount: \$2,622.92
	Component Description: Project Management Services April, 2019 Amount: \$7,832.70
	Component Description: Project Management Services: January-February 2019 Amount: \$18,476.40
	Component Description: Project management charges 5/29/2018 - 12/26/2018 Amount: \$9,475.23
	Component Description: Project management charges for March 2019 Amount: \$9,610.79
	Component Description: Blair engineering project management 7-11/2017 Amount: \$3,101.21
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount: Attorney Fees: prepare for Construction Permit application \$50.00 Component Description: Amount: Attorney Fees: prepare and file Construction Permit Application \$4,950.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.

Perform engineering study for new channel assignment and antenna development	<table> <tr> <td data-bbox="707 174 1015 208">Component Description:</td><td data-bbox="1150 174 1362 405">Engineering study work for new channel assignment and antenna development</td></tr> <tr> <td data-bbox="707 416 815 450">Amount:</td><td data-bbox="1150 416 1246 450">\$375.00</td></tr> <tr> <td data-bbox="707 555 1015 589">Component Description:</td><td data-bbox="1150 555 1385 667">Engineering study work for new channel assignment</td></tr> <tr> <td data-bbox="707 678 815 712">Amount:</td><td data-bbox="1150 678 1246 712">\$500.00</td></tr> <tr> <td data-bbox="707 817 1015 851">Component Description:</td><td data-bbox="1150 817 1362 1048">Engineering study work for new channel assignment and antenna development</td></tr> <tr> <td data-bbox="707 1059 815 1093">Amount:</td><td data-bbox="1150 1059 1270 1093">\$1,875.00</td></tr> <tr> <td data-bbox="707 1198 1015 1232">Component Description:</td><td data-bbox="1150 1198 1362 1429">Engineering study work for new channel assignment and antenna development</td></tr> <tr> <td data-bbox="707 1440 815 1473">Amount:</td><td data-bbox="1150 1440 1246 1473">\$750.00</td></tr> </table>	Component Description:	Engineering study work for new channel assignment and antenna development	Amount:	\$375.00	Component Description:	Engineering study work for new channel assignment	Amount:	\$500.00	Component Description:	Engineering study work for new channel assignment and antenna development	Amount:	\$1,875.00	Component Description:	Engineering study work for new channel assignment and antenna development	Amount:	\$750.00
Component Description:	Engineering study work for new channel assignment and antenna development																
Amount:	\$375.00																
Component Description:	Engineering study work for new channel assignment																
Amount:	\$500.00																
Component Description:	Engineering study work for new channel assignment and antenna development																
Amount:	\$1,875.00																
Component Description:	Engineering study work for new channel assignment and antenna development																
Amount:	\$750.00																
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.																

Prepare and or review reimbursement form	Component Description:	Attorney fees:
		prepare for
		reimbursement form
	Amount:	\$880.00
	Component Description:	Attorney fees:
		Prepare and review
		reimbursement
		form.
	Amount:	\$1,620.00

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	\$26,385.00	\$20,260.00		\$16,336.50	
Develop and air announcement of upcoming channel change	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
Equipment Storage	<i>\$1,300.00</i>	\$1,300.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$11,000.00</i>	\$11,000.00	Original equipment delivery costs were underestimated.	\$10,576.50	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,425.00	N/A	\$5,425.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	Current FCC filing fee	\$335.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$200.00</i>	\$200.00	N/A	N/A	N/A
Sub-total	\$26,385.00	\$20,260.00	N/A	\$16,336.50	N/A

Total for all systems	\$715,889.00	\$301,110.00	N/A	\$199,151.25	N/A
------------------------------	--------------	--------------	-----	--------------	-----

Components

Actual Information	
Description	File Name
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.

Equipment Delivery and Handling Charges	<table> <tr> <td data-bbox="713 174 1023 208">Component Description:</td><td data-bbox="1157 174 1377 521">Transport of antenna & line up mountainside and removal of packing material. Paid by Project Manager and passed through without additions.</td></tr> <tr> <td data-bbox="713 535 823 568">Amount:</td><td data-bbox="1157 535 1251 568">\$434.00</td></tr> <tr> <td data-bbox="713 674 1023 707">Component Description:</td><td data-bbox="1157 674 1310 779">Shipping and handling for antenna</td></tr> <tr> <td data-bbox="713 792 823 826">Amount:</td><td data-bbox="1157 792 1273 826">\$6,062.50</td></tr> <tr> <td data-bbox="713 931 1023 965">Component Description:</td><td data-bbox="1157 931 1369 1160">Snow plowing and road treatment to allow delivery of transmitter to Lookout Mountain site.</td></tr> <tr> <td data-bbox="713 1173 823 1207">Amount:</td><td data-bbox="1157 1173 1273 1207">\$1,690.00</td></tr> <tr> <td data-bbox="713 1312 1023 1346">Component Description:</td><td data-bbox="1157 1312 1369 1541">Snow plowing and road treatment to allow delivery of antenna to Lookout Mountain site.</td></tr> <tr> <td data-bbox="713 1554 823 1588">Amount:</td><td data-bbox="1157 1554 1273 1588">\$2,390.00</td></tr> </table>	Component Description:	Transport of antenna & line up mountainside and removal of packing material. Paid by Project Manager and passed through without additions.	Amount:	\$434.00	Component Description:	Shipping and handling for antenna	Amount:	\$6,062.50	Component Description:	Snow plowing and road treatment to allow delivery of transmitter to Lookout Mountain site.	Amount:	\$1,690.00	Component Description:	Snow plowing and road treatment to allow delivery of antenna to Lookout Mountain site.	Amount:	\$2,390.00
Component Description:	Transport of antenna & line up mountainside and removal of packing material. Paid by Project Manager and passed through without additions.																
Amount:	\$434.00																
Component Description:	Shipping and handling for antenna																
Amount:	\$6,062.50																
Component Description:	Snow plowing and road treatment to allow delivery of transmitter to Lookout Mountain site.																
Amount:	\$1,690.00																
Component Description:	Snow plowing and road treatment to allow delivery of antenna to Lookout Mountain site.																
Amount:	\$2,390.00																
DTV Medical Facility Notification	<table> <tr> <td data-bbox="713 1722 1023 1756">Component Description:</td><td data-bbox="1157 1722 1366 1870">Notification of facility changes to health care facilities</td></tr> <tr> <td data-bbox="713 1883 823 1917">Amount:</td><td data-bbox="1157 1883 1273 1917">\$5,425.00</td></tr> </table>	Component Description:	Notification of facility changes to health care facilities	Amount:	\$5,425.00												
Component Description:	Notification of facility changes to health care facilities																
Amount:	\$5,425.00																

FCC Filing Fees - Form 2100 license to cover application	Component Description: FCC Filing Fee Amount: \$335.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
MVPD Notification of Channel Change	Information not provided.

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$715,889.00	\$301,110.00	\$199,151.25

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	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.	
		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.

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.	Greg Armstrong <i>President and General Manager</i> 05/13/2019

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 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).	
		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.

8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	David H Pawlik <i>Legal Counsel</i> 05/13/2019

Attachments