



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **24485** | Service: **DTV** | Call **KGEB** | Channel:  
ID: | Sign:  
**12 (High VHF)** | File **0000029080**  
Number:  
FRN: **0008120529** | Date **12/04**  
Submitted: **/2018**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>UNIVERSITY BROADCASTING, INC.</b> Doing Business As: KGEB	Bill Lee 7777 SOUTH LEWIS AVENUE TULSA, OK 74171 United States	+1 (918) 488-5300	blee@oru. edu	Corporation

## 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
<b>Joseph C. Chautin III</b> <i>Hardy, Carey, Chautin &amp; Balkin</i>	1080 West Causeway Approach Mandeville, LA 70471 United States	+1 (985) 629- 0777	jchautin@hardycarey. com

## Broadcaster Information and Transition Plan

Question	Response
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<p>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.</p>	<p>Yes</p>
<p>Briefly describe transition plan</p>	<p>Remove old Analog ant., waveguide, TX, strobe light from Analog antenna, replace with new VHF Antenna ,Strobe light, and TX line. Remove old Analog TX, plate supply, BP filter; set new VHF Transmitter, TX Room only shared with KWHB- Separate UHF-antenna.</p>

<b>Transmitters</b>	<b>Section</b>	<b>Question</b>	<b>Response</b>
	<p><b>Transmitter Related Expenses</b></p>	<p>Do you have transmitter related expenses?</p>	<p>Yes</p>

**Primary  
Transmitter**

**Add Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	NV-7250
	Year	2002
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	3.45 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?	No
	Manufacturer	
	Model	THV9
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	3.9 kW
	Justification for New Transmitter	Cannot re-tune Rohde & Schwarz UHF Transmitter to VHF. Can't build out on 14 due to Land Mobile issues, so FCC granted CP Mod on Ch. 12 instead. Current Rohde & Schwarz UHF Transmitter is no longer supported.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
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<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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**  
Information not provided.

**Antennas**

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

**Primary  
Antenna**

**Existing Antenna Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
<b>Existing Antenna Manufacturer and Type</b>	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)	50.0 kW

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Manufacturer	
Model	SWEDT160M /49
Year	2002

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**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	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?	No
	Will antenna be located on or in close proximity to an antenna farm?	Yes
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	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) .....	75.0 kW
Manufacturer		

Model	THV-7A12-R O4
Year	2018
Justification for New Antenna	Can't re-tune UHF Channel 49 antenna to VHF Channel 12.

**Primary Antenna**

**Other Antenna Costs**

Section	Question	Response
<b>Combiner for Shared Antenna</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	No
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Name	Description
<b>Mounting bracket for top mount antenna</b>	Top Mount antenna needs a bracket to mount the antenna to a 4 foot thick concrete & steel shear wall.

**Transmission  
Line**

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

**Primary  
Transmission  
Line**

**Add Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Flexible Air
	Diameter	1 5/8 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	75 feet per run

**Primary  
Transmission  
Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Flexible Air
	Diameter	3 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	200 feet per run
	Justification for New Transmission Line	Can't use existing line as it will be in use during testing time, as well as not in the location needed to mount the VHF Ch. 12 antenna.

**Primary  
Transmission  
Line**

**Other Transmission Line Expenses Not Listed**

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
<b>Existing Tower Description</b>	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Located on Building
	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?	Unknown
	Is tower compliant with Rev G?	Unknown
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	Yes
	ASR Number	1013337
<b>Coordinates (NAD83 ( North American Datum of 1983))</b>	Latitude (NAD83)	36° 02' 35.0" N-
	Longitude (NAD83)	095° 57' 12.0" W-
	Overall Structure Height	699.14 feet
	Support Structure Height	662.07 feet

Ground Elevation Above Mean Sea Level (AMSL)	623.68 feet
Structure Type	BANT - Building with an Antenna
Tower Owner	ORAL ROBERTS UNIVERSITY
Date Constructed	08/01/1995

**Primary Tower**

**Tower Modification Costs**

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	No study needed
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	Located on Building
Helicopter Services Required	Are helicopter services required?	Yes

**Primary Tower**

**Other Tower Expenses Not Listed**

Name	Description
Remove Analog 53 antenna	Need to remove Analog 53 Antenna and undocumented mount to make room for Ch. 12 antenna, replace strobe light.



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**Remove Ch. 49 Antenna**

After transition to Ch. 12 need to remove Ch. 49 antenna and transmission line. along with waveguide from Analog antenna being removed to allow new VHF Antenna installation mount new LED Strobe on new VHF 12 antenna

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**Outside Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	643
	Explanation	Planning/ CP Transition Pre-Planning, Planning and Construction, then commissioning after construction. Additionally, KGEB will hire an outside firm to facility to handle reimbursement filing and ensure a timely transition.
<b>Outside RF consulting Engineering Services</b>	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
<b>Attorney and Other Outside Consulting Services</b>	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	
<b>RF Field Engineering Services</b>	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  
Professional  
Services  
Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
<b>Attorney Fees Channel 14 Related Expenses</b>	Legal fees related to the station dealing with Channel 14 assignment

**Other Expenses**

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	Local Zoning	Yes
	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
<b>Other Miscellaneous Expenses</b>	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
<b>Primary Transmitter THV9</b>	<b>\$313,250.00</b>	<b>\$257,129.06</b>		<b>\$205,677.06</b>	
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	\$3,659.20	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	Run circuits for THV-9 transmitter, dummy load, etc	\$5,488.80	N/A
High VHF - Liquid Cooled Solid State Transmitter 3.3 . 6.5 kW	\$249,500.00	\$196,529.06	N/A	\$196,529.06	N/A
<b>Sub-total</b>	<b>\$313,250.00</b>	<b>\$257,129.06</b>	<b>N/A</b>	<b>\$205,677.06</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$1,803,005.40</b>	<b>\$1,033,458.54</b>	<b>N/A</b>	<b>\$546,132.78</b>	<b>N/A</b>

**Components**

Actual Information	
Description	File Name
Transformer 3 phase/480v - 150 KVA	<p><b>Component Description:</b> Electrical Work done at CityPlex Towers</p> <p><b>Amount:</b> \$3,659.20</p>

Switchgear - industrial 800 amp	<p><b>Component Description:</b> KGEB-110-1st Primary Transmitter - 800 amp. Switchgear</p> <p><b>Amount:</b> \$5,488.80</p>
High VHF - Liquid Cooled Solid State Transmitter 3.3 . 6.5 kW	<p><b>Component Description:</b> 25% down payment Transmitter THV9-3</p> <p><b>Amount:</b> \$49,132.27</p> <p><b>Component Description:</b> DP 75% net 30 after invoice</p> <p><b>Amount:</b> \$147,396.79</p>



**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
<b>Primary Antenna THV-7A12-R 04</b>	<b>\$431,528.20</b>	<b>\$174,205.93</b>		<b>\$144,632.73</b>	
High-VHF, One station antenna -- top mount, elliptically or circularly polarized	\$393,500.00	\$136,507.73	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$136,507.73	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A

Mounting bracket for top mount antenna	<i>\$31,298.20</i>	\$31,298.20	ANSI Certified mounting bracket for Top Mounted Antenna to Concrete reinforced Shear wall. Current Mount from 1995 does not meet current standards. Final Estimate increased due to design change and cost of steel.	\$8,125.00	N/A
<b>Sub-total</b>	\$431,528.20	\$174,205.93	N/A	\$144,632.73	N/A
<b>Total for all systems</b>	\$1,803,005.40	\$1,033,458.54	N/A	\$546,132.78	N/A

### Components

Actual Information	
Description	File Name

<p>High-VHF, One station antenna -- top mount, elliptically or circularly polarized</p>	<p><b>Component Description:</b> Fabricate antenna wall mounting bracket pedestals in accordance with Hodge structural engineers drawing 17082.</p> <p><b>Amount:</b> \$23,173.20</p> <p><b>Component Description:</b> High VHF TV ANT THV 7A 12-R VP-04 H-POL Pricing</p> <p><b>Amount:</b> \$113,334.53</p>
<p>Sweep test of existing antenna</p>	<p>Information not provided.</p>

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Mounting bracket for top  
mount antenna

**Component Description:** Professional  
services  
**Amount:** \$1,000.00

**Component Description:** TV Antenna Wall  
MOunting Bracket  
Design  
**Amount:** \$2,125.00

**Component Description:** Professional  
services for  
antenna  
**Amount:** \$375.00

**Component Description:** TV Antenna Wall  
Mounting Bracket  
Design  
**Amount:** \$2,500.00

**Component Description:** TV Antenna Wall  
Mounting Bracket  
Design  
**Amount:** \$2,125.00

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**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
<b>Primary Transmission Line</b>	<b>\$11,800.00</b>	<b>\$10,100.09</b>		<b>\$4,579.55</b>	
Flexible Air Transmission Line - dielectric, 3"	\$11,800.00	\$10,100.09	N/A	\$4,579.55	N/A
<b>Sub-total</b>	<b>\$11,800.00</b>	<b>\$10,100.09</b>	<b>N/A</b>	<b>\$4,579.55</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$1,803,005.40</b>	<b>\$1,033,458.54</b>	<b>N/A</b>	<b>\$546,132.78</b>	<b>N/A</b>

**Components**

Actual Information	
Description	File Name
Flexible Air Transmission Line - dielectric, 3"	<p><b>Component Description:</b> New Primary Transmission Line</p> <p><b>Amount:</b> \$4,579.55</p>

**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
<b>Primary Tower BANT</b>	<b>\$778,750.00</b>	<b>\$337,460.26</b>		<b>\$127,196.26</b>	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$122,710.26	X-Ray analysis of 4 foot thick Shear Wall, concrete core drilling for attachment. Site Survey of roof shear Wall by antenna installation company to verify path of transmission line to new antenna mount location.	\$122,710.26	Z
Minor tower reinforcement /modifications	\$158,000.00	\$15,000.00	N/A	\$4,486.00	N/A
Remove Ch. 49 Antenna	<i>\$71,275.00</i>	\$71,275.00	Remove DT-49 antenna after sign off, remove Heliac line and cover Heliac line hole in steel cover, clean up roof top.	N/A	N/A

Remove Analog 53 antenna	<i>\$2,400.00</i>	\$2,400.00	Removal of Analog antenna incorporated in Helicopter lift quote.	N/A	N/A
Tower Helicopter Lift	<i>\$126,075.00</i>	\$126,075.00	Remove old Antenna Ch. 53 Analog, Prep wall for new TIAA/ ANSI compliant antenna mount. Hang and rig new VHF Ch. 12 Digital Antenna with new strobe , Lift old TX Heat ex.Lift new TX Heat ex. Run 3" Heliac from transmitter room to new Ch. 12 antenna.	N/A	N/A
<b>Sub-total</b>	\$778,750.00	\$337,460.26	N/A	\$127,196.26	N/A
<b>Total for all systems</b>	\$1,803,005.40	\$1,033,458.54	N/A	\$546,132.78	N/A

### Components

Actual Information Description	File Name
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<p>Complex Tower (includes, for example, those with candelabras and/or stacked antennas)</p>	<table> <tr> <td data-bbox="711 98 1145 331"> <p><b>Component Description:</b></p> </td> <td data-bbox="1145 98 1428 331"> <p>Tower rigging services - tall tower (greater than 500')</p> </td> </tr> <tr> <td data-bbox="711 331 1145 430"> <p><b>Amount:</b></p> </td> <td data-bbox="1145 331 1428 430"> <p>\$36,677.57</p> </td> </tr> <tr> <td data-bbox="711 430 1145 551"> <p><b>Component Description:</b></p> </td> <td data-bbox="1145 430 1428 551"> <p>Tower Rigging Services</p> </td> </tr> <tr> <td data-bbox="711 551 1145 645"> <p><b>Amount:</b></p> </td> <td data-bbox="1145 551 1428 645"> <p>\$86,032.69</p> </td> </tr> </table>	<p><b>Component Description:</b></p>	<p>Tower rigging services - tall tower (greater than 500')</p>	<p><b>Amount:</b></p>	<p>\$36,677.57</p>	<p><b>Component Description:</b></p>	<p>Tower Rigging Services</p>	<p><b>Amount:</b></p>	<p>\$86,032.69</p>
<p><b>Component Description:</b></p>	<p>Tower rigging services - tall tower (greater than 500')</p>								
<p><b>Amount:</b></p>	<p>\$36,677.57</p>								
<p><b>Component Description:</b></p>	<p>Tower Rigging Services</p>								
<p><b>Amount:</b></p>	<p>\$86,032.69</p>								
<p>Minor tower reinforcement /modifications</p>	<table> <tr> <td data-bbox="711 645 1145 842"> <p><b>Component Description:</b></p> </td> <td data-bbox="1145 645 1428 842"> <p>Professional Engineering Services</p> </td> </tr> <tr> <td data-bbox="711 842 1145 940"> <p><b>Amount:</b></p> </td> <td data-bbox="1145 842 1428 940"> <p>\$1,486.00</p> </td> </tr> <tr> <td data-bbox="711 940 1145 1415"> <p><b>Component Description:</b></p> </td> <td data-bbox="1145 940 1428 1415"> <p>Travel and site visit to inspect proposed antenna installation for DTV Repack work, consultation on installation procedures, engineering and cost related to this work.</p> </td> </tr> <tr> <td data-bbox="711 1415 1145 1514"> <p><b>Amount:</b></p> </td> <td data-bbox="1145 1415 1428 1514"> <p>\$3,000.00</p> </td> </tr> </table>	<p><b>Component Description:</b></p>	<p>Professional Engineering Services</p>	<p><b>Amount:</b></p>	<p>\$1,486.00</p>	<p><b>Component Description:</b></p>	<p>Travel and site visit to inspect proposed antenna installation for DTV Repack work, consultation on installation procedures, engineering and cost related to this work.</p>	<p><b>Amount:</b></p>	<p>\$3,000.00</p>
<p><b>Component Description:</b></p>	<p>Professional Engineering Services</p>								
<p><b>Amount:</b></p>	<p>\$1,486.00</p>								
<p><b>Component Description:</b></p>	<p>Travel and site visit to inspect proposed antenna installation for DTV Repack work, consultation on installation procedures, engineering and cost related to this work.</p>								
<p><b>Amount:</b></p>	<p>\$3,000.00</p>								
<p>Remove Ch. 49 Antenna</p>	<p>Information not provided.</p>								
<p>Remove Analog 53 antenna</p>	<p>Information not provided.</p>								
<p>Tower Helicopter Lift</p>	<p>Information not provided.</p>								



**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
<b>Outside Professional Services</b>	<b>\$238,874.00</b>	<b>\$226,325.00</b>		<b>\$54,131.98</b>	
Project management of the transition	\$101,594.00	\$96,450.00	N/A	\$31,645.55	Final work for project management will be submitted upon completion of Antenna installation.
Attorney Fees Channel 14 Related Expenses	<i>\$5,000.00</i>	\$5,000.00	Estimated cost	\$3,302.00	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	\$572.00	N/A

Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	Needed STA due to inability to construct on UHF 14 due to Land Mobile Interference issues. Needed STA to allow time to prepare CP Major Mod for move to VHF Ch. 12	\$190.00	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	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$574.00	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

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$16,625.00	Additional studies needed to prove which channels were suitable to construct on due to inability to construct on Ch. 14 due to LM interference with two LM licensees on roof of antenna location. Ch. 14 should not have been assigned in the first place.	\$16,625.00	Awaiting explanation
RF Exposure Measurements	\$21,050.00	\$10,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	\$1,223.43	N/A
<b>Sub-total</b>	\$238,874.00	\$226,325.00	N/A	\$54,131.98	N/A
<b>Total for all systems</b>	\$1,803,005.40	\$1,033,458.54	N/A	\$546,132.78	N/A

## Components

Actual Information	
Description	File Name
Project management of the transition	<p><b>Component Description:</b> Project Management</p> <p><b>Amount:</b> \$286.00</p>

**Component Description:** Project  
Management  
**Amount:** \$2,386.30

**Component Description:** Project  
Management  
**Amount:** \$2,870.75

**Component Description:** Project  
Management  
**Amount:** \$3,161.40

**Component Description:** Project  
Management  
**Amount:** \$6,904.70

**Component Description:** Project  
Management  
**Amount:** \$78.00

**Component Description:** Planning CP Site  
visit - Transition  
Preplanning  
Revised to show  
cost split for travel  
expenses between  
KGEB & KWHB  
**Amount:** \$1,200.00

**Component Description:** Project  
management  
**Amount:** \$2,454.70

**Component Description:** Project  
management  
**Amount:** \$3,661.10

**Component Description:** Project  
Management  
**Amount:** \$744.00

**Component Description:** Project  
Management  
**Amount:** \$754.00

**Component Description:** 399 processing  
**Amount:** \$156.00

**Component Description:** Project  
Management  
**Amount:** \$832.00

**Component Description:** Project  
Management  
**Amount:** \$1,144.00

**Component Description:** Project  
Management  
**Amount:** \$5,012.60

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<p>Attorney Fees Channel 14 Related Expenses</p>	<p><b>Component Description:</b> Channel 14 Related Issues <b>Amount:</b> \$1,482.00</p>
<p>Attorney Fees Channel 14 Related Expenses</p>	<p><b>Component Description:</b> Channel 14 Related Issues <b>Amount:</b> \$650.00</p>
<p>Attorney Fees Channel 14 Related Expenses</p>	<p><b>Component Description:</b> Attorney - Channel 14 Related Expenses <b>Amount:</b> \$364.00</p>
<p>Attorney Fees Channel 14 Related Expenses</p>	<p><b>Component Description:</b> Channel 14 Issues <b>Amount:</b> \$156.00</p>
<p>Attorney Fees Channel 14 Related Expenses</p>	<p><b>Component Description:</b> Channel 14 Issues <b>Amount:</b> \$650.00</p>
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p><b>Component Description:</b> Form 2100 - Construction Permit Application <b>Amount:</b> \$468.00</p>
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p><b>Component Description:</b> Form 2100 - Construction Permit Application <b>Amount:</b> \$104.00</p>

<p>Prepare request for Special Temporary Authorization</p>	<p><b>Component Description:</b> FCC Filing Fee, Special Temporary Authorization (STA)</p> <p><b>Amount:</b> \$190.00</p>
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<p>Information not provided.</p>
<p>Prepare and or review reimbursement form</p>	<p><b>Component Description:</b> Prepare and Review Reimbursement Form</p> <p><b>Amount:</b> \$494.00</p> <p><b>Component Description:</b> Prepare and Review Reimbursement Form</p> <p><b>Amount:</b> \$80.00</p>
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>
<p>Perform engineering study for new channel assignment and antenna development</p>	

**Component Description:** Eng. study work for new ch14 assignment development. Conduct a search of the VHF and UHF bands to determine the availability of an alternate channel. Prepare early transition waiver supporting statement. Prep app for ch. 12.

**Amount:** \$5,500.00

**Component Description:** RF Consulting Engineering to determine correct mask filter to avoid interference.

**Amount:** \$5,000.00

**Component Description:** Engineering study work for new channel 14 assignment and antenna development. Conduct a search of the VHF & UHF bands to determine the availability of an alternate channel.

**Amount:** \$2,625.00

**Component Description:** Study potential for KGEB to operate on VHF Channel 12

**Amount:** \$1,000.00



	<p><b>Component Description:</b> Auction Repack Work: Engineering study work for new channel 14 assignment and antenna development. Conduct a search of the VHF and UHF bands to determine the availability of an alternate channel.</p> <p><b>Amount:</b> \$2,500.00</p>
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	<p><b>Component Description:</b> Cityplex Towers Antenna Mount Pull Test</p> <p><b>Amount:</b> \$1,223.43</p>

**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
<b>Other Expenses</b>	<b>\$28,803.20</b>	<b>\$28,238.20</b>		<b>\$9,915.20</b>	
MVPD Notification of Channel Change	<i>\$2,723.20</i>	\$2,723.20	postage and certified letters to MVPD for channel change. See attached invoice.	\$2,723.20	N/A
Develop and air announcement of upcoming channel change	<i>\$500.00</i>	\$500.00	Voice over talent fees for MVPD spots	N/A	N/A
Equipment Storage	<i>\$3,000.00</i>	\$3,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$5,000.00</i>	\$5,000.00	Estimate to deliver transmitter, antenna, transmission line, and antenna mount	\$0.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$5,000.00</i>	\$5,000.00	Disposal of analog I transmitter, bandpass filter, to facilitate installation in transmitter room	\$3,700.00	N/A

Local Zoning	<i>\$500.00</i>	\$500.00	estimated cost for zoning permits	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	\$3,492.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	STA # 0000024881 / Document # PGC2960746 - filed due to inability to construct on assigned Channel 14 due to Land Mobile interference issues on tower.	\$0.00	N/A
<b>Sub-total</b>	\$28,803.20	\$28,238.20	N/A	\$9,915.20	N/A
<b>Total for all systems</b>	\$1,803,005.40	\$1,033,458.54	N/A	\$546,132.78	N/A

## Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	<p><b>Component Description:</b> MVPD Notification Services</p> <p><b>Amount:</b> \$2,723.20</p>
Develop and air announcement of upcoming channel change	Information not provided.

Equipment Storage	Information not provided.	
Equipment Delivery and Handling Charges	<b>Component Description:</b>  <b>Amount:</b>	Electrical work to remove and dispose of (1) 4KVA dry type transformer, (3) cabinet units and (1) rack  \$3,700.00
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>Component Description:</b>  <b>Amount:</b>	Electrical work to remove and dispose of (1) 4KVA dry type transformer, (3) cabinet units and (1) rack mounted pump unit.  \$3,700.00
Local Zoning	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	<b>Component Description:</b>  <b>Amount:</b>	Notification of Medical Facilities - transmitter medical facility notification.  \$3,492.00
FCC Filing Fees - Special Temporary Authorization request	<b>Component Description:</b>  <b>Amount:</b>	FCC Filing Fee, Special Temporary Authorization (STA)  \$190.00

**Cost Information** **Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$1,803,005.40	\$1,033,458.54	\$546,132.78

**Reimbursement Status**

<b>Question</b>	<b>Response</b>
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
	<p><b>Submission of Estimated Expenses Statements</b></p>	<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"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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.

**Laura Bishop**  
*Vice President*

12/04/2018



Certification	Section	Question	Response
	<p><b>Submission of Actual Cost Documentation Statements</b></p>	<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"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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.

**Laura  
Bishop**  
*Vice  
President*

12/04/2018

## Attachments