



(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 **12/06**  
Submitted: **/2019**

## 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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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	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.

## Transmitters

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

**Primary  
Transmitter**

**Add Transmitter Information**

Section	Question	Response
<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**

Section	Question	Response
<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

Manufacturer	
Model	SWEDT160M /49
Year	2002



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?	No
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	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**      **Add Transmission Line**  
**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** **New Transmission Line**  
**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** **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?	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
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1013337
Coordinates (NAD83 ( North American Datum of 1983))	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 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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<b>Remove Analog 53 antenna</b>	Need to remove Analog 53 Antenna and undocumented mount to make room for Ch. 12 antenna, replace strobe light.
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**Outside  
Professional**

Section	Question	Response
<b>Services Costs 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

Other Professional Services Expenses Not Listed

Services Costs

Name	Description
Attorney Fees Channel 14 Related Expenses	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

<b>Other Expenses</b>	<b>Other Expenses Not Listed</b>
	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 THV9	\$313,250.00	\$257,129.06		\$205,677.06	
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
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	Run circuits for THV-9 transmitter, dummy load, etc	\$5,488.80	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	\$3,659.20	N/A
Sub-total	\$313,250.00	\$257,129.06	N/A	\$205,677.06	N/A
Total for all systems	\$1,803,372.05	\$1,123,817.69	N/A	\$601,594.73	N/A

Components

Actual Information	
Description	File Name

High VHF - Liquid Cooled Solid State Transmitter 3.3 . 6.5 kW	<div> <div> <b>Component Description:</b> 25% down payment Transmitter THV9-3 </div> <div> <b>Amount:</b> \$49,132.27 </div> </div> <div> <div> <b>Component Description:</b> DP 75% net 30 after invoice </div> <div> <b>Amount:</b> \$147,396.79 </div> </div>
Switchgear - industrial 800 amp	<div> <div> <b>Component Description:</b> KGEB-110-1st Primary Transmitter - 800 amp. Switchgear </div> <div> <b>Amount:</b> \$5,488.80 </div> </div>
Transformer 3 phase/480v - 150 KVA	<div> <div> <b>Component Description:</b> Electrical Work done at CityPlex Towers </div> <div> <b>Amount:</b> \$3,659.20 </div> </div>



## 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 THV-7A12-R O4	\$431,528.20	\$248,775.28		\$151,082.73	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	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.	\$8,175.00	N/A

High-VHF, One station antenna -- top mount, elliptically or circularly polarized	\$393,500.00	\$211,077.08	DTVPros Quote JEHQ1425 & GTI America, Inc., Invoice # 2408.	\$136,507.73	invoices received
<b>Sub-total</b>	\$431,528.20	\$248,775.28	N/A	\$151,082.73	N/A
<b>Total for all systems</b>	\$1,803,372.05	\$1,123,817.69	N/A	\$601,594.73	N/A

## Components

Actual Information	
Description	File Name
Sweep test of existing antenna	<p><b>Component Description:</b> Primary Antenna-Sweep Test of Existing Antenna</p> <p><b>Amount:</b> \$6,400.00</p>

Mounting bracket for top  
mount antenna

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

**Component Description:** Planning/  
Construction  
**Amount:** \$1,050.00

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

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

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

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

<p>High-VHF, One station antenna -- top mount, elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="703 91 1134 293"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1134 91 1428 293"> <p>High VHF TV ANT THV 7A 12-R VP-04 H-POL Pricing \$113,334.53</p> </td></tr> <tr> <td data-bbox="703 293 1134 808"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1134 293 1428 808"> <p>Fabricate antenna wall mounting bracket pedestals in accordance with Hodge structural engineers drawing 17082. \$23,173.20</p> </td></tr> <tr> <td data-bbox="703 808 1134 981"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1134 808 1428 981"> <p>High VHF \$74,569.35</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>High VHF TV ANT THV 7A 12-R VP-04 H-POL Pricing \$113,334.53</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Fabricate antenna wall mounting bracket pedestals in accordance with Hodge structural engineers drawing 17082. \$23,173.20</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>High VHF \$74,569.35</p>
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>High VHF TV ANT THV 7A 12-R VP-04 H-POL Pricing \$113,334.53</p>						
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Fabricate antenna wall mounting bracket pedestals in accordance with Hodge structural engineers drawing 17082. \$23,173.20</p>						
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>High VHF \$74,569.35</p>						

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	\$11,800.00	\$22,298.24		\$16,645.70	
Flexible Air Transmission Line - dielectric, 3"	\$11,800.00	\$22,298.24	DTVPros quote JEHQ1425, Invoice 165B which includes overnight shipping. See the Transmission Line justification letter.	\$16,645.70	N/A
Sub-total	\$11,800.00	\$22,298.24	N/A	\$16,645.70	N/A
Total for all systems	\$1,803,372.05	\$1,123,817.69	N/A	\$601,594.73	N/A

Components

Actual Information	
Description	File Name

Flexible Air Transmission  
Line - dielectric, 3"

**Component Description:**

Primary  
Transmission Line-  
3" Flexible Air

**Amount:**

\$12,066.15

**Component Description:**

New Primary  
Transmission Line

**Amount:**

\$4,579.55

**Component Description:**

Primary  
Transmission  
Line- 3" Flexible  
Air

**Amount:**

\$4,172.01

## 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>\$128,696.26</b>	
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 Heliax line and cover Heliax 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	<b>\$126,075.00</b>	\$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.	\$1,500.00	N/A
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
<b>Sub-total</b>	\$778,750.00	\$337,460.26	N/A	\$128,696.26	N/A



<b>Total for all systems</b>	\$1,803,372.05	\$1,123,817.69	N/A	\$601,594.73	N/A
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## Components

Actual Information	
Description	File Name
Minor tower reinforcement /modifications	<p><b>Component Description:</b> Professional Engineering Services</p> <p><b>Amount:</b> \$1,486.00</p> <p><b>Component Description:</b> 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> \$3,000.00</p>
Remove Ch. 49 Antenna	Information not provided.
Remove Analog 53 antenna	Information not provided.
Tower Helicopter Lift	<p><b>Component Description:</b> Existing Primary Tower - Helicopter Lift</p> <p><b>Amount:</b> \$1,500.00</p>

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<b>Component Description:</b>	Tower rigging services - tall tower (greater than 500')
	<b>Amount:</b>	\$36,677.57
	<b>Component Description:</b>	Tower Rigging Services
	<b>Amount:</b>	\$86,032.69

## 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>\$229,550.00</b>		<b>\$84,413.13</b>	
Project management of the transition	\$101,594.00	\$99,675.00	Increased per Justifying Quote - KGEB Strategic Support Quote Widelity	\$59,976.70	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
RF Exposure Measurements	\$21,050.00	\$10,000.00	N/A	\$1,950.00	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	\$1,223.43	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

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
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
<b>Sub-total</b>	\$238,874.00	\$229,550.00	N/A	\$84,413.13	N/A
<b>Total for all systems</b>	\$1,803,372.05	\$1,123,817.69	N/A	\$601,594.73	N/A

## Components

Actual Information	
Description	File Name
Project management of the	

transition

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,500.40

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$980.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,096.25

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$591.25

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,551.25

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$950.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,114.35

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

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,558.40
<b>Component Description:</b>	399 processing
<b>Amount:</b>	\$156.00
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$78.00
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$744.00
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,817.35
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,178.20
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,870.75
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$6,904.70
<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$5,012.60

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$754.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$4,482.80

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,386.30

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$2,454.70

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$832.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$2,671.65

<b>Component Description:</b>	Project management
<b>Amount:</b>	\$3,661.10

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$1,144.00

<b>Component Description:</b>	Project Management
<b>Amount:</b>	\$3,161.40



	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$2,839.25
	<b>Component Description:</b>	Project Management
	<b>Amount:</b>	\$286.00
Attorney Fees Channel 14 Related Expenses	<b>Component Description:</b>	Channel 14 Related Issues
	<b>Amount:</b>	\$1,482.00
	<b>Component Description:</b>	Channel 14 Issues
	<b>Amount:</b>	\$650.00
	<b>Component Description:</b>	Channel 14 Related Issues
	<b>Amount:</b>	\$650.00
	<b>Component Description:</b>	Attorney - Channel 14 Related Expenses
	<b>Amount:</b>	\$364.00
	<b>Component Description:</b>	Channel 14 Issues
	<b>Amount:</b>	\$156.00
RF Exposure Measurements	<b>Component Description:</b>	MPE Study Line 2 - Report is complete
	<b>Amount:</b>	\$1,950.00

Comprehensive coverage verification via field study, if needed	<b>Component Description:</b> Cityplex Towers Antenna Mount Pull Test <b>Amount:</b> \$1,223.43
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	<b>Component Description:</b> Legal services <b>Amount:</b> \$1,131.00  <b>Component Description:</b> Legal services <b>Amount:</b> \$767.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<b>Component Description:</b> Form 2100 - Construction Permit Application <b>Amount:</b> \$104.00  <b>Component Description:</b> Form 2100 - Construction Permit Application <b>Amount:</b> \$468.00
Prepare request for Special Temporary Authorization	<b>Component Description:</b> FCC Filing Fee, Special Temporary Authorization (STA) <b>Amount:</b> \$190.00
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

**Component Description:**

RF Consulting  
Engineering to  
determine correct  
mask filter to avoid  
interference.

**Amount:**

\$5,000.00

**Component Description:**

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.

**Amount:**

\$2,500.00

**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

	<p><b>Component Description:</b></p> <p>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.</p> <p><b>Amount:</b></p> <p>\$5,500.00</p>	
	<p><b>Component Description:</b></p> <p>Study potential for KGEB to operate on VHF Channel 12</p> <p><b>Amount:</b></p> <p>\$1,000.00</p>	
Prepare and or review reimbursement form	<p><b>Component Description:</b></p> <p>Prepare and Review Reimbursement Form</p> <p><b>Amount:</b></p> <p>\$494.00</p>	
	<p><b>Component Description:</b></p> <p>Prepare and Review Reimbursement Form</p> <p><b>Amount:</b></p> <p>\$80.00</p>	
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

## Cost Information

### Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$29,169.85</b>	<b>\$28,604.85</b>		<b>\$13,181.85</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>\$866.65</i>	\$866.65	see Estimated Cost Justification KGE6-610-Develop and Air Channel Change Announcements v0	\$866.65	N/A
Equipment Storage	<i>\$3,000.00</i>	\$3,000.00	N/A	\$2,400.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$3,492.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	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
Local Zoning	\$500.00	\$500.00	estimated cost for zoning permits	\$0.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$5,000.00	\$5,000.00	Disposal of analog I transmitter, bandpass filter, to facilitate installation in transmitter room	\$3,700.00	N/A
Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	Estimate to deliver transmitter, antenna, transmission line, and antenna mount	\$0.00	N/A
<b>Sub-total</b>	\$29,169.85	\$28,604.85	N/A	\$13,181.85	N/A
<b>Total for all systems</b>	\$1,803,372.05	\$1,123,817.69	N/A	\$601,594.73	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	<div> <b>Component Description:</b> Stephen / RESCANNING ANNOUNCEMENT</div> <div> <b>Amount:</b> \$806.40 </div> <div> <b>Component Description:</b> Bill Lee Public Notice - KGEB at ORU</div> <div> <b>Amount:</b> \$60.25 </div>
Equipment Storage	<div> <b>Component Description:</b> Equipment Storage</div> <div> <b>Amount:</b> \$2,400.00 </div>
DTV Medical Facility Notification	<div> <b>Component Description:</b> Notification of Medical Facilities - transmitter medical facility notification.</div> <div> <b>Amount:</b> \$3,492.00 </div>
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	<div> <b>Component Description:</b> FCC Filing Fee, Special Temporary Authorization (STA)</div> <div> <b>Amount:</b> \$190.00 </div>
Local Zoning	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	<div> <b>Component Description:</b> Electrical work to remove and dispose of (1) 4KVA dry type transformer, (3) cabinet units and (1) rack mounted pump unit.</div> <div> <b>Amount:</b> \$3,700.00 </div>

Equipment Delivery and Handling Charges	<table><tr><td data-bbox="676 98 1114 398"><b>Component Description:</b></td><td data-bbox="1114 98 1434 398">Electrical work to remove and dispose of (1) 4KVA dry type transformer, (3) cabinet units and (1) rack</td></tr><tr><td data-bbox="676 398 1114 512"><b>Amount:</b></td><td data-bbox="1114 398 1434 512">\$3,700.00</td></tr></table>	<b>Component Description:</b>	Electrical work to remove and dispose of (1) 4KVA dry type transformer, (3) cabinet units and (1) rack	<b>Amount:</b>	\$3,700.00
<b>Component Description:</b>	Electrical work to remove and dispose of (1) 4KVA dry type transformer, (3) cabinet units and (1) rack				
<b>Amount:</b>	\$3,700.00				



<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$1,803,372.05	\$1,123,817.69
			\$601,594.73

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <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.

<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Laura Bishop</b>  <i>Vice President</i></p> <p>12/06/2019</p>

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).	
		<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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Laura Bishop</b>  <i>Vice President</i></p> <p>12/06/2019</p>

## Attachments