



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **13938** | Service: **DTV** | Call **WUPL** | Channel: **17 (UHF)** |  
ID: | Sign:  
File **0000028057**  
Number:  
FRN: **0013697719** | Date **05/13**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>BELO TV, INC.</b> Doing Business As: BELO TV, INC.	Law Department TEGNA Inc. 7950 Jones Branch Drive McLean, VA 22107 United States	+1 (703) 873-6600	lawdept@tegna. com	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>Jeffrey Johnson ,</b> <b>Johnson .</b> <i>Vice President</i> <i>Projects</i> <i>TEGNA Media</i>	Jeffrey Johnson 7950 Jones Branch Drive McLean, VA 22102 United States	+1 (703) 873-6736	repackreimbursement@tegna. com

**Broadcaster  
Information  
and  
Transition  
Plan**

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	WUPL will be transitioning to a new primary facility per their new assignment. this will include a new primary antenna, transmission line and transmitter. During this transition WUPL will need to construct an interim facility.

**Transmitters**

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

**Primary  
Transmitter**

**Existing 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	CD3200P2
	Year	2004
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 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	ULXTE-60
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	38.0 kW
	Justification for New Transmitter	Station has in excess of 10% TPO headroom and is eligible for a 1-Step-Up Allowance. Reimbursable TPO is 30.7 kW based on initial 90-day filing CP. This would require a ULXTE-50. A 1-Step-Up is the ULXTE-60 and is therefore reimbursable.

**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	Yes
	Size	3 inches
	Length	100.0 feet
	Other Electrical Service	Yes
	Description	Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	100.0 square feet
<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
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	1000.0 kW



Manufacturer	
Model	TUD-C5SP-10/50U-2-B
Year	2004

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?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	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) .....	848.0 kW
	Manufacturer	

Model	TFU-21JSC-R C180
Year	2019
Justification for New Antenna	Old antenna cannot be re-tuned.

## 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?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
<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
Shipping	\$6,800

**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
<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 the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1000 feet per run

Primary  
Transmission Line

New 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	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1000 feet per run
	Justification for New Transmission Line	Old line will not work on new channel.

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
TX Line Sweep	Sweep required to verify post-transition channel measures well on new line.

**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?	Candelabra
	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?	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)	29° 55' 13.1" N-
	Longitude (NAD83)	090° 01' 28.5" W-
	Overall Structure Height	1033.78 feet
	Support Structure Height	936.67 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1031.00 feet



Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	Spectra Site Communication
Date Constructed	04/01/1987

### 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:	Major Reinforcements needed

### Primary Tower

#### Tower Rigging Costs

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

### Primary Tower

#### Other Tower Expenses Not Listed

Name	Description
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**Top Plate**

Moving from existing tower to WWL tower. Will share tower expenses with WWL. This will result in significant savings to FCC. Top-plate and/or bolt pattern may not work for new top-mount 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	1096
	Explanation	Fewer PM tasks are needed & OES & 399 work are needed, so the PM total has been reduced to \$150x1096hrs (\$164400), a new OES component has been created & funded with part of the \$ removed from PM, & "Prepare & or review reimbursement form" has been increased
<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	2
	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	Yes
	Quantity	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes

Number of Days	25
Justification	\$2,500 per site visit including expenses x 25 days. It is necessary to survey the site, plan the equipment, develop specifications for purchasing, & oversee multiple vendor RF projects. Station does not have available personnel trained in such services.

**Outside Professional Services Costs**

**Other Professional Services Expenses Not Listed**

Name	Description
Other Legal Services	Other Legal Services related to the DTV Repack
Other Engineering Services	Other Engineering Services related to the DTV Repack

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	Yes
	Is Remediation needed?	Yes
<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	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	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**

Name	Description
Internal labor	Local and Corporate Labor Cost

## 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 ULXTE-60</b>	<b>\$1,548,450.00</b>	<b>\$1,200,914.50</b>		<b>\$558,055.59</b>	
Other -- Building Addition Size: 100.0	<i>\$25,000.00</i>	\$25,000.00	New pad required for heat exchangers, transformers, pumps, etc. Equipment must also be shielded.	N/A	N/A
Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.	<i>\$25,000.00</i>	\$25,000.00	Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	\$1,473,000.00	\$1,126,764.50	N/A	\$558,055.59	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	N/A	N/A



5 Ton system	\$20,250.00	\$19,250.00	Additional HVAC required for operation of new air-cooled solid-state transmitter while still operating with main transmitter during testing period.	N/A	N/A
<b>Sub-total</b>	\$1,548,450.00	\$1,200,914.50	N/A	\$558,055.59	N/A
<b>Total for all systems</b>	\$3,774,682.00	\$2,647,069.91	N/A	\$576,457.78	N/A

## Components

Actual Information	
Description	File Name
Other -- Building Addition Size: 100.0	Information not provided.
Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 35 - 50 kW	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Inv JW30004449-1  WUPL Transmitter  UL20180713jg v1  \$372,037.06 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Gates inv  #JW30004449-1A  Transmitter pmt 2  UL20190405jgv4  \$186,018.53 </div> </div>
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
5 Ton system	Information not provided.

## 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 TFU-21JSC-R C180</b>	<b>\$562,330.00</b>	<b>\$280,026.41</b>		<b>\$0.00</b>	
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	\$247,000.00	\$79,177.16	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$0.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$175,949.25	Cost estimate is for Items 1, 3 and 4 on Dielectric's Quote 700394CMZ-3 in attached file "Die 462986979 MAN00847 181218 190125 Antenna and line pmt 1 158394-49 v1.pdf"	\$0.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	per Dielectric quotes	\$0.00	N/A

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	\$0.00	N/A
Shipping	<b>\$6,800.00</b>	\$6,800.00	N/A	N/A	N/A
<b>Sub-total</b>	\$562,330.00	\$280,026.41	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$3,774,682.00	\$2,647,069.91	N/A	\$576,457.78	N/A

## Components

Actual Information	
Description	File Name
UHF - High Power Top Mount (200-1000 kW), One station antenna, horizontally polarized	<b>Component Description:</b>
	Die inv #MAN00847 Antenna feed thru pmt 1 UL20190219jgv1
	<b>Amount:</b>
	\$8,395.31
	<b>Component Description:</b>
	Die inv #MAN00847 Side mt brackets pmt 1 UL20190219jgv1
	<b>Amount:</b>
	\$7,391.25
	<b>Component Description:</b>
	Die inv #MAN00847 Antenna pmt 1 UL20190219jgv1
	<b>Amount:</b>
	\$63,390.60

<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="699 174 1114 331"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1137 174 1410 331"> <p>Die inv #MAN00847 Antenna pmt 1 UL20190219jgv1 \$63,390.60</p> </td></tr> <tr> <td data-bbox="699 432 1114 633"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1137 432 1410 633"> <p>Die inv #MAN00847 Antenna feed thru pmt 1 UL20190219jgv1 \$8,395.31</p> </td></tr> <tr> <td data-bbox="699 734 1114 936"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1137 734 1410 936"> <p>Die inv #MAN00847 Side mt brackets pmt 1 UL20190219jgv1 \$7,391.25</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Die inv #MAN00847 Antenna pmt 1 UL20190219jgv1 \$63,390.60</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Die inv #MAN00847 Antenna feed thru pmt 1 UL20190219jgv1 \$8,395.31</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Die inv #MAN00847 Side mt brackets pmt 1 UL20190219jgv1 \$7,391.25</p>
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Die inv #MAN00847 Antenna pmt 1 UL20190219jgv1 \$63,390.60</p>						
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Die inv #MAN00847 Antenna feed thru pmt 1 UL20190219jgv1 \$8,395.31</p>						
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Die inv #MAN00847 Side mt brackets pmt 1 UL20190219jgv1 \$7,391.25</p>						
<p>Sweep test of existing antenna</p>	<table> <tr> <td data-bbox="699 1070 1114 1227"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1137 1070 1410 1227"> <p>Die inv #MAN00847 Sweep pmt 1 UL20190219jgv1 \$2,880.00</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Die inv #MAN00847 Sweep pmt 1 UL20190219jgv1 \$2,880.00</p>				
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Die inv #MAN00847 Sweep pmt 1 UL20190219jgv1 \$2,880.00</p>						
<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="699 1361 1114 1518"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1137 1361 1410 1518"> <p>Die inv #MAN00847 Elbow complex pmt 1 UL20190219jgv1 \$4,634.10</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Die inv #MAN00847 Elbow complex pmt 1 UL20190219jgv1 \$4,634.10</p>				
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Die inv #MAN00847 Elbow complex pmt 1 UL20190219jgv1 \$4,634.10</p>						
<p>Shipping</p>	<p>Information not provided.</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	\$208,400.00	\$198,400.00		\$0.00	
Rigid Transmission Line - copper, 6 1/8"	\$202,000.00	\$192,000.00	N/A	\$0.00	N/A
TX Line Sweep	<i>\$6,400.00</i>	\$6,400.00	N/A	N/A	N/A
Sub-total	\$208,400.00	\$198,400.00	N/A	\$0.00	N/A
Total for all systems	\$3,774,682.00	\$2,647,069.91	N/A	\$576,457.78	N/A

Components

Actual Information Description	File Name
Rigid Transmission Line - copper, 6 1/8"	<div><div>Component Description:</div><div>Die inv #MAN00847 Fixed flange pmt 1 UL20190219jgv1</div><div>Amount:</div><div>\$2,319.98</div></div> <div><div>Component Description:</div><div>Die inv #MAN00847 TX line pmt 1 UL20190219jgv1</div><div>Amount:</div><div>\$61,047.00</div></div>
TX Line Sweep	Information not provided.

Cost  
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower GTOWER	\$880,800.00	\$425,000.00		\$0.00	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$12,500.00	Shared expense with WWL.	N/A	N/A
Major tower reinforcement /modifications	\$421,000.00	\$200,000.00	Shared expense with WWL.	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$200,000.00	Shared expense with WWL.	N/A	N/A

Top Plate	<b>\$12,500.00</b>	\$12,500.00	Existing top-plate and/or bolt pattern may not work for new top-mount antenna. Shared expense with WWL.	N/A	N/A
<b>Sub-total</b>	\$880,800.00	\$425,000.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$3,774,682.00	\$2,647,069.91	N/A	\$576,457.78	N/A

## Components

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 Cos Justificatio
<b>Outside Professional Services</b>	<b>\$407,928.00</b>	<b>\$391,750.00</b>		<b>\$15,132.19</b>	
Other Legal Services	<i>\$10,000.00</i>	\$10,000.00	Other Legal Services related to the DTV Repack	\$624.77	N/A
Other Engineering Services	<i>\$12,150.00</i>	\$12,150.00	Fewer PM tasks are needed & OES & 399 work are needed, so the PM total has been reduced to \$150x1096hrs (\$164400),a new OES component has been created & funded with part of the \$ removed from PM,& "Prepare & or review reimbursement form" has been increased	\$2,162.50	N/A

Additional Field Engineering Service, 25 Days	<b>\$62,500.00</b>	\$62,500.00	\$2,500 per site visit including expenses x 25 days. It is necessary to survey the site, plan the equipment, develop specifications for purchasing, & oversee multiple vendor RF projects. Station does not have available personnel trained in such services.	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	Per Widely estimate	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	Per Widely estimate	N/A	N/A

Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	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	Per Widely estimate	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	Per Widely estimate	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	Per Widely estimate	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	Per Widely estimate	N/A	N/A

Project management of the transition	\$173,168.00	\$164,400.00	Fewer PM tasks are needed & OES & 399 work are needed, so the PM total has been reduced to \$150x1096hrs (\$164400),a new OES component has been created & funded with part of the \$ removed from PM,& "Prepare & or review reimbursement form" has been increased	\$9,144.92	N/A
Prepare and or review reimbursement form	\$2,630.00	\$13,450.00	Fewer PM tasks are needed & OES & 399 work are needed, so the PM total has been reduced to \$150x1096hrs (\$164400),a new OES component has been created & funded with part of the \$ removed from PM,& "Prepare & or review reimbursement form" has been increased	\$3,200.00	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	\$7,000.00	Per Widelity estimate	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	Per Widelity estimate	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$10,000.00	Shared cost with WWL-TV.	N/A	N/A
<b>Sub-total</b>	\$407,928.00	\$391,750.00	N/A	\$15,132.19	N/A
<b>Total for all systems</b>	\$3,774,682.00	\$2,647,069.91	N/A	\$576,457.78	N/A

## Components

### Actual Information

Description	File Name
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Other Legal Services	<b>Component Description:</b> Covington inv #60796723 Various Legal UL20181024jgv1 <b>Amount:</b> \$348.80
	<b>Component Description:</b> Covington 60801032 v190510pmv1 <b>Amount:</b> \$77.00
	<b>Component Description:</b> Covington 60805585 v190513pmv1 <b>Amount:</b> \$34.53
	<b>Component Description:</b> Covington 60801029 v190513pmv1 <b>Amount:</b> \$164.44
Other Engineering Services	<b>Component Description:</b> Osborn inv #29840 Other Eng Srvcs UL20190326jgv1 <b>Amount:</b> \$2,162.50
Additional Field Engineering Service, 25 Days	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.

ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.

Project management of the transition	<table> <tr> <td data-bbox="692 174 1007 210"><b>Component Description:</b></td><td data-bbox="1139 174 1342 327">Inv 29218 WUPL Proj Mgt 180428-180525 UL20180706jg v1</td></tr> <tr> <td data-bbox="692 338 807 374"><b>Amount:</b></td><td data-bbox="1139 338 1235 374">\$300.00</td></tr> <tr> <td data-bbox="692 477 1007 512"><b>Component Description:</b></td><td data-bbox="1139 477 1358 629">Osborn inv #28591 Proj mgt thru 180330 UL20190326jgv1</td></tr> <tr> <td data-bbox="692 640 807 676"><b>Amount:</b></td><td data-bbox="1139 640 1235 676">\$150.00</td></tr> <tr> <td data-bbox="692 779 1007 815"><b>Component Description:</b></td><td data-bbox="1139 779 1358 931">Osborn inv #29840 Proj mgt 180526-180629 UL20190326jgv1</td></tr> <tr> <td data-bbox="692 943 807 978"><b>Amount:</b></td><td data-bbox="1139 943 1259 978">\$1,387.50</td></tr> <tr> <td data-bbox="692 1081 1007 1117"><b>Component Description:</b></td><td data-bbox="1139 1081 1358 1234">Osborn inv #26017 Prof srvcs 170607 - 170728 UL20181107jg v1</td></tr> <tr> <td data-bbox="692 1245 807 1281"><b>Amount:</b></td><td data-bbox="1139 1245 1259 1281">\$7,157.42</td></tr> <tr> <td data-bbox="692 1384 1007 1420"><b>Component Description:</b></td><td data-bbox="1139 1384 1358 1536">Osborn inv #29001 Proj mgt 180331-180427 UL20190326jgv1</td></tr> <tr> <td data-bbox="692 1547 807 1583"><b>Amount:</b></td><td data-bbox="1139 1547 1235 1583">\$150.00</td></tr> </table>	<b>Component Description:</b>	Inv 29218 WUPL Proj Mgt 180428-180525 UL20180706jg v1	<b>Amount:</b>	\$300.00	<b>Component Description:</b>	Osborn inv #28591 Proj mgt thru 180330 UL20190326jgv1	<b>Amount:</b>	\$150.00	<b>Component Description:</b>	Osborn inv #29840 Proj mgt 180526-180629 UL20190326jgv1	<b>Amount:</b>	\$1,387.50	<b>Component Description:</b>	Osborn inv #26017 Prof srvcs 170607 - 170728 UL20181107jg v1	<b>Amount:</b>	\$7,157.42	<b>Component Description:</b>	Osborn inv #29001 Proj mgt 180331-180427 UL20190326jgv1	<b>Amount:</b>	\$150.00
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<b>Component Description:</b>	Osborn inv #29001 Proj mgt 180331-180427 UL20190326jgv1																				
<b>Amount:</b>	\$150.00																				
Prepare and or review reimbursement form	<table> <tr> <td data-bbox="692 1702 1007 1738"><b>Component Description:</b></td><td data-bbox="1139 1702 1358 1816">Osborn inv #29001 Amend 399 Form UL20190326jgv1</td></tr> <tr> <td data-bbox="692 1827 807 1863"><b>Amount:</b></td><td data-bbox="1139 1827 1259 1863">\$3,200.00</td></tr> </table>	<b>Component Description:</b>	Osborn inv #29001 Amend 399 Form UL20190326jgv1	<b>Amount:</b>	\$3,200.00																
<b>Component Description:</b>	Osborn inv #29001 Amend 399 Form UL20190326jgv1																				
<b>Amount:</b>	\$3,200.00																				
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.																				



Perform engineering study for new channel assignment and antenna development	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
RF Exposure Measurements	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>\$166,774.00</b>	<b>\$150,979.00</b>		<b>\$3,270.00</b>	
Internal labor	<i>\$21,744.00</i>	\$21,744.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$6,000.00</i>	\$6,000.00	Prepare notification for MVPD's on upcoming changes and testing windows.	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$6,000.00</i>	\$6,000.00	150\$ for 40 hours to shoot , produce and edit informational spot	\$3,270.00	N/A
Equipment Storage	<i>\$15,000.00</i>	\$15,000.00	2 flat bed trailer for 6 month per Dielectric rate card.	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A

AM Pattern Disturbance -- Impact study	\$7,890.00	\$3,750.00	Station less than 5 km from KKNO- AM, WYLD- AM, WODT- AM, WWL- AM, & KGLA-AM sites. Costs shared with WWL.	N/A	N/A
AM Pattern Disturbance -- Remedy	\$21,050.00	\$10,000.00	Station less than 5 km from KKNO- AM, WYLD- AM, WODT- AM, WWL- AM, & KGLA-AM sites. Costs shared with WWL.	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	Per Widelity estimate	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	per Widelity estimate	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	Per Widelity estimate	N/A	N/A

Local Zoning	\$900.00	\$900.00	Local construction permit a 3 cents per \$100 of construction cost.	N/A	N/A
<b>Sub-total</b>	\$166,774.00	\$150,979.00	N/A	\$3,270.00	N/A
<b>Total for all systems</b>	\$3,774,682.00	\$2,647,069.91	N/A	\$576,457.78	N/A

## Components

Actual Information	
Description	File Name
Internal labor	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	<p><b>Component Description:</b> 2C Media inv #203806 Creation of channel change announcement UL20181016jgv1</p> <p><b>Amount:</b> \$3,270.00</p>
Equipment Storage	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
AM Pattern Disturbance -- Impact study	Information not provided.
AM Pattern Disturbance -- Remedy	Information not provided.

DTV Medical Facility Notification	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
Local Zoning	Information not provided.

**Cost  
Information**

**Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$3,774,682.00	\$2,647,069.91	\$576,457.78

**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
	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>Jeffrey C Gehman</b>  <i>Engineering Associate</i></p> <p>05/13/2019</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>Jeffrey C Gehman</b>  <i>Engineering Associate</i></p> <p>05/13/2019</p>

## Attachments