



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **73195** | Service: **DTV** | Call **WKYC** | Channel: **19 (UHF)** |  
ID:  
File **0000028022**  
Number:  
FRN: **0024376642** | Date **08/08**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>WKYC-TV, LLC</b>	Denise Branson, Sr. Paralegal TEGNA Inc. 8350 Broad Street, Suite 2000 Tysons, VA 22102 United States	+1 (703) 873-6606	dbranson@TEGNA. com	Limited Liability Company

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Jeffrey Johnson , Johnson . Vice President Projects TEGNA</b>	Jeffrey Johnson 7950 Jones Branch Drive McLean, VA 22102 United States	+1 (703) 873- 6736	jsjohnson@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	WKYC operates on a shared tower with WVIZ. Each stations has separate transmitters antennas and transmission lines. WKYC Will be replacing the Primary and Aux antenna, transmission line and transmitter.

**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	PWR60 D2
	Year	2008
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 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 90
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	56.4 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 49.6 kW based on initial 90-day filing CP. This would require a ULXTE-80. A 1-Step-Up is the ULXTE-90 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)	Yes
	Power	300 kVA
	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?	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?	Yes
	Size	900.0 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

Name	Description
Mask Filter	Mask Filter
RF Accessories	RF Accessories
Installation and Proof	Installation and Proof

**Antennas**

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

**Auxiliary  
Antenna****Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Auxiliary (Backup)
	Description of Use	Use during maintenance or tower work
	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
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side 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) .....	930.0 kW
Manufacturer	
Model	TFU24DSC- R 4C150
Year	2008

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**Auxiliary  
Antenna****New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Auxiliary (Backup)
	Description of Use	used during line repair or other tower maintenance
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	24
	Lower Limit	488.00 MHz
	Upper Limit	494.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	930.0 kW

Manufacturer	
Model	TFU-24WB-R C160
Year	2019
Justification for New Antenna	Station has a licensed AUX facility and must be replaced. It is necessary to keep station on air during primary antenna replacement & for duration of assigned phase. A TFU-24WB cost is equivalent to a single-channel slot AUX antenna.

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

## Auxiliary Antenna

### Other Antenna Cost Not Listed

Name	Description
Shipping	\$5,400

## 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	Bottom
	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)	868.0 kW

Manufacturer	
Model	TFU- 20EBT-R 4C150
Year	2008

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	Bottom
	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) .....	911.0 kW
	Manufacturer	

Model	TFU-20EBT /VP -R 4C150
Year	2019
Justification for New Antenna	Licensed top-mount, bottom-stack antenna cannot be re-tuned for new post-transition frequency and must be replaced. The station is opting to Upgrade the antenna changing to Elliptical polarization.

## 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
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Name	Description
New Top Plate	Existing top-plate and/or bolt pattern may not work for new top-mount antenna
Shipping	\$9,800

**Transmission Line**

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

**Auxiliary**      **Existing Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	backup for tower work and maintenance
	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	1160 feet per run

**Auxiliary**  
**Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Auxiliary (Backup)
	Description of Use	Backup for maintenance and tower work
	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	19 3/4 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	875 feet per run
	Justification for New Transmission Line	Existing AUX TX line will not work on new channel assignment. Therefore, station must replace existing AUX TX line with new 19-3/4 ft section line for CH19.

Auxiliary  
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.

**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	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1170 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	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	1170 feet per run
	Justification for New Transmission Line	Existing 6-1/8" rigid transmission line uses section lengths that are prohibited for post-transition Channel 19. Therefore, station must replace existing line with new 6-1/8" rigid transmission line made up of 20 ft sections.

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	Owned
	Is this tower consider Complex?	
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1265403
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	41° 23' 09.9" N-
	Longitude (NAD83)	081° 41' 20.7" W-
	Overall Structure Height	912.06 feet
	Support Structure Height	912.06 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1040.01 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	6600 Broadview LLC
	Date Constructed	06/05/2009

**FM, AM or TV radio  
broadcasters. Facility ID's,  
Call Signs and Services of  
other broadcast stations with  
whom the tower is shared**

Facility ID	Call Sign	Service
18753	WVIZ	DTV

## 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	Other
Helicopter Services Required	Are helicopter services required?	No

Primary Tower	Other Tower Expenses Not Listed
	Information not provided.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	1000
	Explanation	It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399s. Station does not have available personnel or personnel trained in project management for such complex projects.
<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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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	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	Yes

Number of Days	20
Justification	\$2,500 per site visit including expenses x 20 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
<b>Installation Services</b>	This cost originally listed under installation services. Relocated per FCC staff instructions.
<b>Pre filing site review</b>	outside engineering firm to review facilities before filling
<b>Other Legal Services</b>	Other Legal 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	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**

Name	Description
Internal labor	Local and Corporate Labor

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 ULXTE 90	\$2,870,377.21	\$2,468,685.20		\$1,442,800.85	
Installation and Proof	<i>\$82,198.75</i>	\$82,198.75	See Gates Air ULXTE-90 quote	\$40,845.25	N/A
RF Accessories	<i>\$52,893.86</i>	\$52,893.86	Please see Gates Air ULXTE-90 quote	\$24,864.97	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,408,541.50	Replacement per Gates Air quote. Includes TAX	\$704,210.93	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$14,866.49	N/A	\$5,737.19	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$4,900.00	N/A	N/A	N/A

Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.	<b>\$25,000.00</b>	\$25,000.00	Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.	\$14,190.00	N/A
Other -- Building Addition Size: 900.0	<b>\$809,675.00</b>	\$809,675.00	900 square foot expansion for new transmitter, including professional fees. See attached WKYC Building justification.	\$617,647.72	N/A
Mask Filter	<b>\$70,609.60</b>	\$70,609.60	Per instructions of FCC staff, station is breaking out cost of Mask Filter.	\$35,304.79	N/A
<b>Sub-total</b>	\$2,870,377.21	\$2,468,685.20	N/A	\$1,442,800.85	N/A
<b>Total for all systems</b>	\$5,377,035.10	\$4,821,799.15	N/A	\$2,237,089.28	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Installation and Proof	<div data-bbox="699 174 1361 369"> <p><b>Component Description:</b> Inv JW30004450-1 WKYC TX Install 1 3rd dp UL20180713jg v1</p> <p><b>Amount:</b> \$27,230.17</p> </div> <div data-bbox="699 477 1361 667"> <p><b>Component Description:</b> Gates inv #JW30004450-1A TX Install 1 6th dp UL20190214jgv1</p> <p><b>Amount:</b> \$13,615.08</p> </div>
RF Accessories	<div data-bbox="699 806 1385 996"> <p><b>Component Description:</b> Inv JW30004450-1 WKYC TX RF accessories 1 3rd dp UL20180713jg v1</p> <p><b>Amount:</b> \$16,576.65</p> </div> <div data-bbox="699 1104 1369 1339"> <p><b>Component Description:</b> Gates inv #JW30004450-1A TX RF accessories 1 6th dp UL20190214jgv1</p> <p><b>Amount:</b> \$8,288.32</p> </div>
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	<div data-bbox="699 1473 1377 1668"> <p><b>Component Description:</b> Gates inv #JW30004450-1A Transmitter 1 6th dp UL20190214jgv1</p> <p><b>Amount:</b> \$234,736.97</p> </div> <div data-bbox="699 1776 1361 1966"> <p><b>Component Description:</b> Inv JW30004450-1 WKYC Transmitter 1 3rd dp UL20180713jg v1</p> <p><b>Amount:</b> \$469,473.96</p> </div>

<p>Transformer 3 phase/480v - 300 KVA</p>	<table> <tr> <td data-bbox="697 174 1007 210"><b>Component Description:</b></td><td data-bbox="1141 174 1374 286"> Inv JW30004450-1 WKYC TX Electrical 1 3rd dp UL20180713jg v1 </td></tr> <tr> <td data-bbox="697 338 807 367"><b>Amount:</b></td><td data-bbox="1141 338 1259 367">\$3,824.80</td></tr> <tr> <td data-bbox="697 477 1007 512"><b>Component Description:</b></td><td data-bbox="1141 477 1374 629"> Gates inv #JW30004450-1A TX Electrical 1 6th dp UL20190214jgv1 </td></tr> <tr> <td data-bbox="697 636 807 665"><b>Amount:</b></td><td data-bbox="1141 636 1259 665">\$1,912.39</td></tr> </table>	<b>Component Description:</b>	Inv JW30004450-1 WKYC TX Electrical 1 3rd dp UL20180713jg v1	<b>Amount:</b>	\$3,824.80	<b>Component Description:</b>	Gates inv #JW30004450-1A TX Electrical 1 6th dp UL20190214jgv1	<b>Amount:</b>	\$1,912.39
<b>Component Description:</b>	Inv JW30004450-1 WKYC TX Electrical 1 3rd dp UL20180713jg v1								
<b>Amount:</b>	\$3,824.80								
<b>Component Description:</b>	Gates inv #JW30004450-1A TX Electrical 1 6th dp UL20190214jgv1								
<b>Amount:</b>	\$1,912.39								
<p>3" Rigid Conduit and Wiring (Cost per foot)</p>	<p>Information not provided.</p>								
<p>Other Electrical Service: Additional electrical services required for transmitter installation, including heat exchangers, transformers, cooling pumps, etc.</p>	<table> <tr> <td data-bbox="697 920 1007 956"><b>Component Description:</b></td><td data-bbox="1141 920 1362 1032"> Vocon inv #267251 Tech Eng Srvcs UL20190222jgv1 </td></tr> <tr> <td data-bbox="697 1039 807 1068"><b>Amount:</b></td><td data-bbox="1141 1039 1275 1068">\$14,190.00</td></tr> </table>	<b>Component Description:</b>	Vocon inv #267251 Tech Eng Srvcs UL20190222jgv1	<b>Amount:</b>	\$14,190.00				
<b>Component Description:</b>	Vocon inv #267251 Tech Eng Srvcs UL20190222jgv1								
<b>Amount:</b>	\$14,190.00								

Other -- Building Addition  
Size: 900.0

**Component Description:** WKYC Osborn inv  
#29267 Civil Eng  
UL20180801jg v2  
**Amount:** \$3,909.60

**Component Description:** Inv 265370 WKYC  
Design Devel  
UL20180705jg v1  
**Amount:** \$2,884.87

**Component Description:** WKYC Osborn inv  
#29512 Civil Eng  
UL20180815jg v1  
**Amount:** \$7,457.20

**Component Description:** Vocon inv #265447  
Design Devel  
UL20181026jg v1  
**Amount:** \$5,476.41

**Component Description:** Donleys inv #1105-  
03 TX Bldg Addition  
pmt 3  
UL20190402jgv1  
**Amount:** \$242,920.58

**Component Description:** Donleys inv #1105-  
01 TX Bldg Addition  
UL20181106jgv1  
**Amount:** \$119,311.20

**Component Description:** Donleys inv #1105-  
02 TX Bldg Addition  
pmt 2  
UL20190130jgv1  
**Amount:** \$241,164.27

Mask Filter		
	<b>Component Description:</b>	Inv JW30004450-1 WKYC TX Mask Filter 1 3rd dp UL20180713jg v1
	<b>Amount:</b>	\$23,536.53
	<b>Component Description:</b>	Gates inv #JW30004450-1A TX Mask Filter 1 6th dp UL20190214jgv1
	<b>Amount:</b>	\$11,768.26

## 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-20EBT /VP -R 4C150</b>	<b>\$340,330.00</b>	<b>\$322,983.74</b>		<b>\$264,176.74</b>	
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$263,670.00	N/A	\$237,303.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$21,113.74	See attached invoices & quotes	\$21,113.74	N/A
New Top Plate	<i>\$25,000.00</i>	\$25,000.00	Existing top-plate and/or bolt pattern may not work for new top-mount antenna	N/A	N/A

Shipping	<b>\$6,800.00</b>	\$6,800.00	N/A	N/A	N/A
<b>Auxiliary Antenna TFU-24WB-R C160</b>	<b>\$216,598.34</b>	<b>\$214,158.34</b>		<b>\$164,128.34</b>	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Shipping	<b>\$7,278.34</b>	\$7,278.34	See attached invoices	\$7,278.34	N/A
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 930 kW input, directional,, horizontally polarized	<b>\$160,480.00</b>	\$160,480.00	N/A	\$150,450.00	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$13,000.00	N/A	\$0.00	N/A

Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$556,928.34	\$537,142.08	N/A	\$428,305.08	N/A
<b>Total for all systems</b>	\$5,377,035.10	\$4,821,799.15	N/A	\$2,237,089.28	N/A

## Components

Actual Information	
Description	File Name
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	<b>Component Description:</b>
	Die inv #MAN00845 Primary ant 45 pct pmt 1 UL20190412jgv3
	<b>Amount:</b>
	\$118,651.50
	<b>Component Description:</b>
	Die inv #MAN01146 Primary ant 45 pct pmt 2 UL20190418jgv1
	<b>Amount:</b>
	\$118,651.50

Sweep test of existing  
antenna

**Component Description:**

Die inv #MAN00845  
Sweep 45 pct pmt 1  
UL20190123jgv1

**Amount:**

\$2,880.00

**Component Description:**

Die inv #MAN01146  
Sweep 45 pct pmt 2  
UL20190418jgv1

**Amount:**

\$2,880.00

**Component Description:**

Die inv #MAN00845  
Sweep 45 pct pmt 1  
UL20190412jgv3

**Amount:**

\$2,880.00

<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="697 174 1007 208"><b>Component Description:</b></td><td data-bbox="1141 174 1374 327">Die inv #MAN01146 Elbow complex 45 pct pmt 2 UL20190418jgv1</td></tr> <tr> <td data-bbox="697 338 807 371"><b>Amount:</b></td><td data-bbox="1141 338 1257 371">\$4,633.87</td></tr> <tr> <td data-bbox="697 477 1007 510"><b>Component Description:</b></td><td data-bbox="1141 477 1374 629">Die inv #MAN00845 Elbow complex 45 pct pmt 1 UL20190412jgv3</td></tr> <tr> <td data-bbox="697 640 807 674"><b>Amount:</b></td><td data-bbox="1141 640 1257 674">\$4,633.87</td></tr> <tr> <td data-bbox="697 779 1007 813"><b>Component Description:</b></td><td data-bbox="1141 779 1302 846">Die 543010 v190808pmv1</td></tr> <tr> <td data-bbox="697 857 807 891"><b>Amount:</b></td><td data-bbox="1141 857 1273 891">\$10,816.25</td></tr> <tr> <td data-bbox="697 996 1007 1030"><b>Component Description:</b></td><td data-bbox="1141 996 1302 1064">Die 495002 v190716pmv1</td></tr> <tr> <td data-bbox="697 1075 807 1108"><b>Amount:</b></td><td data-bbox="1141 1075 1257 1108">\$1,029.75</td></tr> <tr> <td data-bbox="697 1214 1007 1247"><b>Component Description:</b></td><td data-bbox="1141 1214 1374 1366">Die inv #MAN00845 Elbow complex 45 pct pmt 1 UL20190123jgv1</td></tr> <tr> <td data-bbox="697 1377 807 1411"><b>Amount:</b></td><td data-bbox="1141 1377 1257 1411">\$4,633.87</td></tr> </table>	<b>Component Description:</b>	Die inv #MAN01146 Elbow complex 45 pct pmt 2 UL20190418jgv1	<b>Amount:</b>	\$4,633.87	<b>Component Description:</b>	Die inv #MAN00845 Elbow complex 45 pct pmt 1 UL20190412jgv3	<b>Amount:</b>	\$4,633.87	<b>Component Description:</b>	Die 543010 v190808pmv1	<b>Amount:</b>	\$10,816.25	<b>Component Description:</b>	Die 495002 v190716pmv1	<b>Amount:</b>	\$1,029.75	<b>Component Description:</b>	Die inv #MAN00845 Elbow complex 45 pct pmt 1 UL20190123jgv1	<b>Amount:</b>	\$4,633.87
<b>Component Description:</b>	Die inv #MAN01146 Elbow complex 45 pct pmt 2 UL20190418jgv1																				
<b>Amount:</b>	\$4,633.87																				
<b>Component Description:</b>	Die inv #MAN00845 Elbow complex 45 pct pmt 1 UL20190412jgv3																				
<b>Amount:</b>	\$4,633.87																				
<b>Component Description:</b>	Die 543010 v190808pmv1																				
<b>Amount:</b>	\$10,816.25																				
<b>Component Description:</b>	Die 495002 v190716pmv1																				
<b>Amount:</b>	\$1,029.75																				
<b>Component Description:</b>	Die inv #MAN00845 Elbow complex 45 pct pmt 1 UL20190123jgv1																				
<b>Amount:</b>	\$4,633.87																				
New Top Plate	Information not provided.																				
Shipping	Information not provided.																				
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.																				

Sweep test of existing antenna	<div data-bbox="699 174 1426 293"> <p><b>Component Description:</b> Die 543020 v190723pmv1</p> <p><b>Amount:</b> \$640.00</p> </div> <div data-bbox="699 398 1426 591"> <p><b>Component Description:</b> Die inv #MAN00880 Aux sweep 45 pct pmt 2 UL20180706jgv1</p> <p><b>Amount:</b> \$2,880.00</p> </div> <div data-bbox="699 696 1426 889"> <p><b>Component Description:</b> Die inv #MAN00841 Aux sweep 45 pct pmt 1 UL20190124jgv1</p> <p><b>Amount:</b> \$2,880.00</p> </div>
Shipping	<div data-bbox="699 1028 1426 1220"> <p><b>Component Description:</b> Die inv #464003 Freight for Sales Order 1696505 UL20190418jgv1</p> <p><b>Amount:</b> \$938.34</p> </div> <div data-bbox="699 1326 1426 1444"> <p><b>Component Description:</b> Die 389007 v190716pmv1</p> <p><b>Amount:</b> \$6,340.00</p> </div>

<p>UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 930 kW input, directional,, horizontally polarized</p>	<table> <tr> <td data-bbox="692 174 1007 210"><b>Component Description:</b></td><td data-bbox="1139 174 1305 246">Die 373001 v190716pmv1</td></tr> <tr> <td data-bbox="692 255 807 291"><b>Amount:</b></td><td data-bbox="1139 255 1273 291">\$15,045.00</td></tr> <tr> <td data-bbox="692 394 1007 430"><b>Component Description:</b></td><td data-bbox="1139 394 1370 546">Die inv #MAN00841 Aux TX ant 45 pct pmt 1 UL20190124jgv1</td></tr> <tr> <td data-bbox="692 555 807 591"><b>Amount:</b></td><td data-bbox="1139 555 1273 591">\$67,702.50</td></tr> <tr> <td data-bbox="692 694 1007 730"><b>Component Description:</b></td><td data-bbox="1139 694 1374 846">Die inv #MAN00880 Aux TX ant 45 pct pmt 2 UL20180706jgv1</td></tr> <tr> <td data-bbox="692 855 807 891"><b>Amount:</b></td><td data-bbox="1139 855 1273 891">\$67,702.50</td></tr> </table>	<b>Component Description:</b>	Die 373001 v190716pmv1	<b>Amount:</b>	\$15,045.00	<b>Component Description:</b>	Die inv #MAN00841 Aux TX ant 45 pct pmt 1 UL20190124jgv1	<b>Amount:</b>	\$67,702.50	<b>Component Description:</b>	Die inv #MAN00880 Aux TX ant 45 pct pmt 2 UL20180706jgv1	<b>Amount:</b>	\$67,702.50
<b>Component Description:</b>	Die 373001 v190716pmv1												
<b>Amount:</b>	\$15,045.00												
<b>Component Description:</b>	Die inv #MAN00841 Aux TX ant 45 pct pmt 1 UL20190124jgv1												
<b>Amount:</b>	\$67,702.50												
<b>Component Description:</b>	Die inv #MAN00880 Aux TX ant 45 pct pmt 2 UL20180706jgv1												
<b>Amount:</b>	\$67,702.50												
<p>Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)</p>	<p>Information not provided.</p>												
<p>Side mount brackets for high power antennas (if not included in antenna base cost)</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	\$242,740.00	\$162,465.23		\$156,065.23	
Rigid Transmission Line - copper, 6 1/8"	\$236,340.00	\$156,065.23	Dielectric's transmission line prices increased.	\$156,065.23	N/A
TX Line Sweep	<i>\$6,400.00</i>	\$6,400.00	N/A	N/A	N/A
Auxiliary Transmission Line	\$183,150.00	\$184,017.09		\$162,093.40	
TX Line Sweep	<i>\$6,400.00</i>	\$6,400.00	N/A	N/A	N/A
Rigid Transmission Line - copper, 6 1/8"	\$176,750.00	\$177,617.09	Dielectric's transmission line prices increased.	\$162,093.40	N/A
Sub-total	\$425,890.00	\$346,482.32	N/A	\$318,158.63	N/A
Total for all systems	\$5,377,035.10	\$4,821,799.15	N/A	\$2,237,089.28	N/A

Components

Actual Information	
Description	File Name

Rigid Transmission Line - copper, 6 1/8"	<b>Component Description:</b>  <b>Amount:</b>	Die inv #444012 Cut TX line pc freight UL20190328jgv1 \$828.32
	<b>Component Description:</b>  <b>Amount:</b>	Die 495002 v190716pmv1 \$15,523.69
	<b>Component Description:</b>  <b>Amount:</b>	Die inv #MAN00845 Main line 45 pct pmt 1 UL20190123jgv1 \$69,856.61
	<b>Component Description:</b>  <b>Amount:</b>	Die inv #MAN01146 Main line 45 pct pmt 2 UL20190418jgv1 \$69,856.61
	<b>Component Description:</b>  <b>Amount:</b>	Die inv #MAN00845 Main line 45 pct pmt 1 UL20190412jgv3 \$69,856.61
TX Line Sweep	Information not provided.	
TX Line Sweep	Information not provided.	

Rigid Transmission Line -  
copper, 6 1/8"

**Component Description:** Die 373001  
v190716pmv1  
**Amount:** \$16,209.34

**Component Description:** Die inv #MAN00841  
Aux line 45 pct pmt  
1 UL20190124jgv1  
**Amount:** \$72,942.03

**Component Description:** Die inv #MAN00880  
Aux line 45 pct pmt  
2 UL20180706jgv1  
**Amount:** \$72,942.03

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 TOWER	\$868,300.00	\$825,000.00		\$0.00	
Major tower reinforcement /modifications	\$421,000.00	\$400,000.00	N/A	\$0.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	N/A	N/A
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$400,000.00	N/A	N/A	N/A
Sub-total	\$868,300.00	\$825,000.00	N/A	\$0.00	N/A
Total for all systems	\$5,377,035.10	\$4,821,799.15	N/A	\$2,237,089.28	N/A

Components

Actual Information Description	File Name
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Major tower reinforcement /modifications	<div> <div> <b>Component Description:</b> </div> <div> Warmus 17975 v190514jgv1 </div> </div> <div> <b>Amount:</b> </div> <div> \$233,792.45 </div>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$487,088.55</b>	<b>\$478,043.55</b>		<b>\$40,928.51</b>	
Other Legal Services	<i>\$10,000.00</i>	\$10,000.00	Other Legal Services related to the DTV Repack	\$424.09	N/A
Pre filing site review	<i>\$20,000.00</i>	\$20,000.00	N/A	N/A	N/A
Installation Services	<i>\$95,293.55</i>	\$95,293.55	N/A	N/A	N/A
Additional Field Engineering Service, 20 Days	<i>\$50,000.00</i>	\$50,000.00	\$2,500 per site visit including expenses x 20 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
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A

Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	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	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	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	N/A	\$0.00	N/A

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	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
Project management of the transition	\$158,000.00	\$150,000.00	It will be necessary to schedule and coordinate multiple vendors, complete progress reports, and update Schedule 399s. Station does not have available personnel or personnel trained in project management for such complex projects.	\$37,816.42	N/A

Prepare and or review reimbursement form	\$2,630.00	\$10,000.00	The cost estimate includes the initial 399 amendment, anticipated subsequent 399 amendments, and Actual Cost invoice prep and submission by KGA.	\$2,688.00	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	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
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	N/A	N/A	N/A

Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$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	N/A	N/A	N/A
<b>Sub-total</b>	\$487,088.55	\$478,043.55	N/A	\$40,928.51	N/A
<b>Total for all systems</b>	\$5,377,035.10	\$4,821,799.15	N/A	\$2,237,089.28	N/A

## Components

### Actual Information

Description

File Name

Other Legal Services	<b>Component Description:</b> Covington 60805585 v190513pmv1 <b>Amount:</b> \$34.53
	<b>Component Description:</b> Covington 60801029 v190712jgv2 <b>Amount:</b> \$144.71
	<b>Component Description:</b> Covington 60801032 v190715jgv2 <b>Amount:</b> \$70.43
	<b>Component Description:</b> Covington inv #60796723 Various Legal UL20181024jgv1 <b>Amount:</b> \$174.42
	<b>Component Description:</b> Covington 60801032 v190510pmv1 <b>Amount:</b> \$77.00
	<b>Component Description:</b> Covington 60801029 v190513pmv1 <b>Amount:</b> \$164.44
	<b>Component Description:</b> Covington 60801032 v190530jgv2 <b>Amount:</b> \$70.43
Pre filing site review	Information not provided.
Installation Services	Information not provided.

Additional Field Engineering Service, 20 Days	Information not provided.
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare request for Special Temporary Authorization	<div> <div> <b>Component Description:</b> </div> <div> Osborn 34584 v190808jgv1 </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$3,000.00 </div> </div>
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.

Project management of the transition

**Component Description:** Inv 29214 WKYC  
Proj Mgt 180428-180525  
UL20180706jg v1  
**Amount:** \$4,350.00

**Component Description:** Osborn inv #28997  
Proj Mgt March 31, 2018 - April 27, 2018  
UL20190212jgv1  
**Amount:** \$6,725.00

**Component Description:** Osborn 34594  
v190808jgv1  
**Amount:** \$3,075.00

**Component Description:** Osborn inv #26015  
Prof srvcs 170530 - 170728  
UL20181107jg v1  
**Amount:** \$14,548.92

**Component Description:** Osborn 33668  
v190618pmv1  
**Amount:** \$300.00

**Component Description:** Osborn inv #29833  
Prof srvcs 180526 - 180629  
UL20190207jgv1  
**Amount:** \$7,842.50

**Component Description:** Osborn inv #28588  
Proj Mgt thru March 30, 2018  
UL20180815jgv1  
**Amount:** \$975.00

Prepare and or review reimbursement form	<div> <b>Component Description:</b> Osborn 32833 v190613pmv1  <b>Amount:</b> \$1,300.00 </div> <div> <b>Component Description:</b> Osborn 34584 v190808jgv1  <b>Amount:</b> \$1,388.00 </div>
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 Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	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>\$168,451.00</b>	<b>\$166,446.00</b>		<b>\$6,896.21</b>	
Internal labor	<i>\$24,231.00</i>	\$24,231.00	N/A	N/A	N/A
MVPD Notification of Channel Change	<i>\$6,000.00</i>	\$6,000.00	to notify all MVPD's of upcoming testing and transition plans for the market.	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$6,000.00</i>	\$6,000.00	To create informational spot to notify public of the upcoming change.	\$3,270.00	N/A
Equipment Storage	<i>\$15,000.00</i>	\$15,000.00	2 flat bed trailers for 6 Months to store equipment.	\$3,626.21	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

Local Zoning	<b>\$1,200.00</b>	\$1,200.00	Local construction permit.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
AM Pattern Disturbance -- Remedy	\$21,050.00	\$20,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	N/A	N/A
AM Pattern Disturbance -- Impact study	\$7,890.00	\$7,500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$168,451.00	\$166,446.00	N/A	\$6,896.21	N/A
<b>Total for all systems</b>	\$5,377,035.10	\$4,821,799.15	N/A	\$2,237,089.28	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	<div> <div>Component Description:</div> <div>2C Media inv #203806 Creation of channel change announcement UL20181016jgv1</div> </div> <div> <div>Amount:</div> <div>\$3,270.00</div> </div>
Equipment Storage	<div> <div>Component Description:</div> <div>PMF 278146 v190612jgv1</div> </div> <div> <div>Amount:</div> <div>\$367.20</div> </div> <div> <div>Component Description:</div> <div>PMF 269251 v190510jgv1</div> </div> <div> <div>Amount:</div> <div>\$367.20</div> </div> <div> <div>Component Description:</div> <div>PMF 283422 v190808jgv1</div> </div> <div> <div>Amount:</div> <div>\$464.40</div> </div> <div> <div>Component Description:</div> <div>PMF 266815 v190614jgv1</div> </div> <div> <div>Amount:</div> <div>\$1,881.66</div> </div> <div> <div>Component Description:</div> <div>PMF 267186 v190614jgv1</div> </div> <div> <div>Amount:</div> <div>\$97.20</div> </div> <div> <div>Component Description:</div> <div>PMF 278701 v190618jgv1</div> </div> <div> <div>Amount:</div> <div>\$448.55</div> </div>
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.
Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
AM Pattern Disturbance -- Remedy	Information not provided.
DTV Medical Facility Notification	Information not provided.
AM Pattern Disturbance -- Impact study	Information not provided.

**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$5,377,035.10	\$4,821,799.15	\$2,237,089.28

**Reimbursement Status**

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<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>08/08/2019</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>08/08/2019</p>

## Attachments