



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **64550** | Service: **DTV** | Call **WQOW** | Channel: **25 (UHF)** |  
ID: | Sign:  
File **0000027502**  
Number:  
FRN: **0030885057** | Date **10/01**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>WXOW-WQOW LICENSE, LLC</b>	Brady Dreasler	+1 (217) 223-	bdreasler@quincyinc. com	Corporation
Doing Business As: WXOW-WQOW LICENSE, LLC	P.O. BOX 909 QUINCY, IL 62306 United States	5100		

## Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Tony zumMallen</b> <i>President</i> <i>QCommunications,</i> <i>LLC</i>	Tony zumMallen 705B SE Melody LN #314 Lees Summit, MO 64063 United States	+1 (816) 729- 1177	tony@qcom1. 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.		No
Briefly describe transition plan		Transition from ch15 to ch25 will allow the use of the current antenna however the transmission line will require modifications.

**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	Diamond
	Year	2001
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	16 kW

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	ULXTE-40
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	25.3 kW
	Justification for New Transmitter	Necessary to facilitate the channel reassignment. Existing Transmitter is not tunable per manufacturer.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	300.0 feet
	Other Electrical Service	No

	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	25 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?	No
	Size	N/A
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

Name	Description
<b>Securirty - Site</b>	This site requires security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks.
<b>Elect for HVAC</b>	Electrical work to install HVAC
<b>Demo old HVAC tx ducts</b>	Repack, removed old HVAC transmitter ducts and replace with blocks
<b>Sales Tax</b>	Sales Tax on equipment per state law
<b>Freight</b>	Freight charges to ship equipment and parts
<b>Plumbing installation for new transmitter</b>	plumber required to install the new transmitter cooling systems
<b>Electrical system modifications to accommodate the new transmitter</b>	Electrician required to provide and install the equipment in preparation of the new transmitters electrical requirements.

<b>Transmitter-Disconnect</b>	Disconnect transmitter and components from existing configuration and move within building to make way for new facilities.
<b>Site Survey - TX</b>	Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized.
<b>Transmitter training</b>	Transmitter training - offsite - 1 week in duration at mfg site.
<b>Transmitter Site Preperation</b>	Site Preparation for Repack Interim and Main Transmitter installation Performing work that is not in the installation SOW on site to prepare for the GatesAir installation crew arrival to ensure there are no delays to the installation crews plans
<b>ARC remote control</b>	Install remote control system
<b>Demo interior wall</b>	Demolish interior wall to accommodate new 25 ton HVAC system required by new tx

**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	Retune Existing
	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	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	32
	Design power capacity in use	50.0 %
	Lower Limit	470.00 MHz

Upper Limit	698.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power) .....	200.0 kW
Manufacturer	Dielectric
Model	TUP-SP4-8-1
Year	2000

**Primary  
Antenna**

**Adjustment to Existing Antenna**

Section	Question	Response
<b>Sweep Test of Existing Antenna</b>	Do you need a sweep test of existing antenna?	Yes

**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	

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim



	Description of Use	N/A
	Change Type	Purchase New
	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 Type</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	8
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	50.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	100.0 kW
	Manufacturer	
	Model	TFU-8WB
	Year	2017

Justification for New Antenna	6-14-18-ZEROED all Interim facility EST pricing per call with Raphael Sznajder. The 399 tool will not DELETE the TX, ANT or LINE. Deleting returns an error message. WQOW will not be requiring an INTERIM due to an engineering work around.
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## Interim Antenna

### Other Antenna Costs

Section	Question	Response
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	4 1/16 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an 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

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Transmission Line**

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

**Primary Transmission Line****Existing Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	Dielectric
	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	993 feet per run

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Disconnect Interior RF	Disconnect interior transmission line and filters from existing configuration and move within the building to make way for new facilities.
Refurbish Transmission Line	Refurbish instead of replace. Per Resonant Results, Ltd, Field Report.

**Primary**      **Add Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	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	993 feet per run

**Primary** **New Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	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	993 feet per run
	Justification for New Transmission Line	See attached dated 3/16 /20 for justification for new line.

**Primary** **Other Transmission Line Expenses Not Listed**  
**Transmission Line**

Information not provided.

**Interim  
Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	4 1/16 inches
	Segment Length	19 ½ '
	Other Segment Length	
	Number of parallel runs	1
	Length	975 feet per run
	Justification for New Transmission Line	6-14-18-ZEROED all Interim facility EST pricing per call with Raphael Sznajder. The 399 tool will not DELETE the TX, ANT or LINE. Deleting returns an error message. WQOW will not be requiring an INTERIM due to an engineering work around.



Interim	Other Transmission Line Expenses Not Listed
Transmission Line	Information not provided.

**Tower Equipment And Rigging Costs**

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

**Primary Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	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)	44° 47' 59.0" N-
	Longitude (NAD83)	091° 27' 57.0" W-
	Overall Structure Height	961.00 feet
	Support Structure Height	888.00 feet
	Ground Elevation Above Mean Sea Level (AMSL)	888.00 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	Gray Television Group, Inc.
	Date Constructed	09/25/1956

**Primary  
Tower**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
STRUCTURAL ENGINEERING	TOWER ANALYSIS

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	614
	Explanation	Scope & significance of project (QMI has multiple stations repacked) require outside management services to augment existing internal personnel to assist turnkey management of and ensure timely and safe execution of channel relocation.
<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	No
	Quantity	N/A
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	No
	Quantity	N/A
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	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	No
Additional Field Engineering Service	No
Number of Days	N/A
Justification	N/A

Outside Professional

Other Professional Services Expenses Not Listed

Services Costs	Description
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Name	Description
Legal General Repack issues	See uploaded- QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399
Quarterly reporting	Preparation and submittal of the FCC required quarterly report 387 by attorney.
Vendor Travel Expenses	Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses.

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
<b>Permit and Filing Costs</b>	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	No
<b>Other Miscellaneous Expenses</b>	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

<b>Other Expenses</b>	<b>Other Expenses Not Listed</b>
	Information not provided.



## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-40	\$1,999,090.43	\$1,206,346.02		\$1,036,053.46	
Demo interior wall	<i>\$9,950.00</i>	\$9,950.00	Per actual costs on PO 20512. Demo interior walls to make way for HVAC unit required by new transmitter	\$9,950.00	N/A
ARC remote control	<i>\$9,971.67</i>	\$9,971.67	Costs to install ARC system per actual invoices.	\$0.00	N/A
Transmitter Site Preperation	<i>\$6,500.00</i>	\$6,500.00	Site Preparation for RepackMain Transmitter installation Performing work that is not in the installation SOW on site to prepare for the GatesAir installation crew arrival to ensure there are no delays to the installation crews installation pl	\$6,500.00	N/A

Transmitter training	<b>\$3,300.00</b>	\$3,300.00	Transmitter training - offsite - 1 week in duration at mfg site.	N/A	N/A
Site Survey - TX	<b>\$20,000.00</b>	\$20,000.00	Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized.	\$7,500.00	N/A
Transmitter-Disconnect	<b>\$20,000.00</b>	\$20,000.00	Disconnect transmitter and components from existing configuration and move within building to make way for new facilities.	\$18,500.00	N/A
Plumbing installation for new transmitter	<b>\$14,600.00</b>	\$14,600.00	plumber required to install the new transmitter cooling systems per vendor estimate.	\$14,515.10	N/A
Sales Tax	<b>\$3,549.71</b>	\$3,549.71	N/A	\$3,549.71	N/A

Demo old HVAC tx ducts	<b>\$9,440.00</b>	\$9,440.00	Repack, removed old HVAC transmitter ducts and replace with blocks. Costs per actual invoice.	\$9,440.00	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$294,442.90	Changed power on transmitter, which created this new line. This is the amount remaining on the PO per actual invoices.	\$281,534.14	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	\$8,546.24	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$0.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$7,800.00	\$7,500.00	N/A	N/A	N/A
25 Ton system	\$91,500.00	\$87,000.00	N/A	\$34,780.00	N/A

Electrical system modifications to accommodate the new transmitter	<b>\$50,400.00</b>	\$50,400.00	Electrician required to provide and install the equipment in preparation of the new transmitters electrical requirements. per po20377 and vendor estimate.	\$37,746.53	N/A
Securirty - Site	<b>\$17,500.00</b>	\$17,500.00	This site requires security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks.	N/A	N/A
Elect for HVAC	<b>\$4,820.00</b>	\$4,820.00	Electrical work to install HVAC - costs per actual invoices.	\$4,820.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$51,178.41	Actual costs per invoices	\$51,178.41	N/A
Freight	<b>\$9,359.05</b>	\$9,359.05	N/A	\$9,359.05	N/A

UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$538,134.28	***System Notice: Estimate adjusted and locked because line has been superseded. ***Actual costs per vendor invoices.	\$538,134.28	Actual costs per invoices from GatesAir.
<b>Sub-total</b>	\$1,999,090.43	\$1,206,346.02	N/A	\$1,036,053.46	N/A
<b>Total for all systems</b>	\$3,998,551.43	\$2,326,091.13	N/A	\$1,519,572.86	N/A

## Components

Actual Information	
Description	File Name
Demo interior wall	<p><b>Component Description:</b> Demolishing interior walls to make way for HVAC - QComm - INV QC19-002</p> <p><b>Amount:</b> \$9,950.00</p>

ARC remote control	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Revised with cover letter - remote control system. Burk Tech - INV 00068910 - PO 20373  \$9,971.67 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Invoice includes \$213.67 for shipping and handling not included on original quote. INV 00068910 - PO 20373  \$9,971.67 </div> </div>
Transmitter Site Preperation	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> WQOW- MAIN SITE PREP - INV QC18-056  \$6,500.00 </div> </div>
Transmitter training	Information not provided.
Site Survey - TX	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> WQOW-SITE SURVEY-INV- QC18-029  \$7,500.00 </div> </div>
Transmitter-Disconnect	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> WQOW- QCOMM- DECOMM INV QC19-010  \$18,500.00 </div> </div>

Plumbing installation for new transmitter	<div> <b>Component Description:</b> WQOW - BERNIE - PLUMBING INV 857757         </div> <div> <b>Amount:</b> \$14,515.10         </div>
Sales Tax	<div> <b>Component Description:</b> Final Gates Air INV US0319031         </div> <div> <b>Amount:</b> \$3,549.71         </div> <div> <b>Component Description:</b> 6-5-20 Zeroed out. Resubmitted under new component line. sales tax for tx equipment. US0319031, PO 19967; change ordr Q-79019, PO 20435         </div> <div> <b>Amount:</b> N/A         </div>
Demo old HVAC tx ducts	<div> <b>Component Description:</b> Costs necessary to remove old HVAC ductwork for repack. Royal - INV 12540 - PO 20538         </div> <div> <b>Amount:</b> \$9,440.00         </div>

UHF - Liquid Cooled Solid  
State Transmitter 21 - 31 kW

**Component Description:** Final Gates Air  
INV US0319031 -  
PO 19967 - Q-  
79019 - PO 20435  
**Amount:** \$77,007.15

**Component Description:** 3rd invoice for  
transmitter.  
TE10004378-3,  
PO 19967  
**Amount:** \$204,526.99

**Component Description:** 6-5-20 Zeroed out.  
Resubmitted  
under new  
component line.  
WQOW - final tx  
invoice  
US0319031 - PO  
19967; includes.  
CO Q-79019; PO  
20435. See cover  
letter  
**Amount:** N/A



Service entrance 3 phase /800 amp/208 volt	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> GatesAir 3rd Invoice TE10004378-3; LINE D only. \$2,848.74 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Gates WQOW - TX quote Q-59383 Electric - D Electric \$2,848.75 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> WQOW - MAIN TX INV- TE10004378-2 Q- 59383 LINE D Electric- 5-29 - correct amount. \$2,848.75 </div> </div>
Transformer 3 phase/480v - 300 KVA	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
25 Ton system	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Kurth - Installation of (3) Carrier AC units - INV 100951 - PO 20728 \$34,780.00 </div> </div>

<p>Electrical system modifications to accommodate the new transmitter</p>	<table> <tr> <td data-bbox="710 98 1141 526"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1141 98 1428 526"> <p>WQOW- P AND T INV 16136 - ELECTRIC WORK FOR NEW TX- LABOR AND MATERIAL \$35,723.93</p> </td></tr> <tr> <td data-bbox="710 526 1141 884"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1141 526 1428 884"> <p>WQOW- P AND T - INV 16296 - ELECTRIC INSTALL PROGRESS MATERIAL \$2,022.60</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>WQOW- P AND T INV 16136 - ELECTRIC WORK FOR NEW TX- LABOR AND MATERIAL \$35,723.93</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>WQOW- P AND T - INV 16296 - ELECTRIC INSTALL PROGRESS MATERIAL \$2,022.60</p>
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>WQOW- P AND T INV 16136 - ELECTRIC WORK FOR NEW TX- LABOR AND MATERIAL \$35,723.93</p>				
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>WQOW- P AND T - INV 16296 - ELECTRIC INSTALL PROGRESS MATERIAL \$2,022.60</p>				
<p>Securirty - Site</p>	<p>Information not provided.</p>				
<p>Elect for HVAC</p>	<table> <tr> <td data-bbox="710 958 1141 1288"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1141 958 1428 1288"> <p>WQOW - NEI - elect for HVAC - INV 132274 - PO 20729 \$4,820.00</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>WQOW - NEI - elect for HVAC - INV 132274 - PO 20729 \$4,820.00</p>		
<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>WQOW - NEI - elect for HVAC - INV 132274 - PO 20729 \$4,820.00</p>				

Switchgear - industrial 800 amp	<div> <div>Component Description:</div> <div>GatesAir 3rd Invoice, TE10004378-3; LINE C ONLY, PO 19967</div> </div> <div> <div>Amount:</div> <div>\$17,059.47</div> </div>
	<div> <div>Component Description:</div> <div>Gates WQOW - quote Q-59383 - RF Access - C inv</div> </div> <div> <div>Amount:</div> <div>\$17,059.47</div> </div>
	<div> <div>Component Description:</div> <div>WQOW - MAIN TX INV- TE10004378-2 quote Q-59383 - RF Access - C inv</div> </div> <div> <div>Amount:</div> <div>\$17,059.47</div> </div>
Freight	<div> <div>Component Description:</div> <div>Final Gates Air INV US0319031</div> </div> <div> <div>Amount:</div> <div>\$9,359.05</div> </div>
	<div> <div>Component Description:</div> <div>6-5-20 Zeroed out. Submitted under new line. Freight for shipment of equipment and parts. See cover letter for explanation of charges. US0319031; PO 19967; change order Q-79019 - PO 20435</div> </div> <div> <div>Amount:</div> <div>N/A</div> </div>

UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW		
	<b>Component Description:</b>	WQOW- MAIN TX
		-INV TE10004378-
		2 LINES A B and
		E - see Q59383
	<b>Amount:</b>	\$269,067.14
	<b>Component Description:</b>	DEP ON MAIN TX
		WQOW - A B and
		E - see Q59383
	<b>Amount:</b>	\$269,067.14
	<b>Component Description:</b>	Gates Air third invoice:
		TE10004378-3;
		Lines A, B only on
		PO 19967. 2-27-
		20 zeroed out this request and put on new line.
	<b>Amount:</b>	N/A
	<b>Component Description:</b>	Final Invoice
		GatesAir;
		US0319031; Lines
		A, B, and E
		balances PLUS
		actual Sales tax
		and freight
		charges to ship
		equipment. PO
		19967. 2-25-20
		Zeroed out
		request and
		resubmitted under
		new line.
	<b>Amount:</b>	N/A

## 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>Interim Antenna TFU-8WB</b>	<b>\$135,490.00</b>	<b>\$8,767.50</b>		<b>\$8,767.50</b>	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$0.00	N/A	N/A	N/A
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	\$10,950.00	\$7,717.50	N/A	\$7,717.50	Per Actual costs: Invoice 242022, PO 20314

Sweep test of existing antenna	\$6,730.00	\$1,050.00	Test antenna. Costs per actual invoice from Resonant.	\$1,050.00	N/A
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	\$89,400.00	\$0.00	N/A	N/A	N/A
<b>Primary Antenna TUP-SP4-8-1</b>	<b>\$6,730.00</b>	<b>\$6,400.00</b>		<b>\$4,500.00</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$4,500.00	N/A
<b>Sub-total</b>	<b>\$142,220.00</b>	<b>\$15,167.50</b>	<b>N/A</b>	<b>\$13,267.50</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$3,998,551.43</b>	<b>\$2,326,091.13</b>	<b>N/A</b>	<b>\$1,519,572.86</b>	<b>N/A</b>

## Components

Actual Information	
Description	File Name
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.

Side mount brackets for high power antennas (if not included in antenna base cost)	Information not provided.	
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	<b>Component Description:</b>	Dielectric - Elbow - INV 242022 - PO 20314
	<b>Amount:</b>	\$7,717.50
Sweep test of existing antenna	<b>Component Description:</b>	Test antenna system for frequency and time domain response. INV RR3171 - PO 19749
	<b>Amount:</b>	\$1,050.00
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Information not provided.	
Sweep test of existing antenna	<b>Component Description:</b>	Actual vendor name: Jeremy Ruck & Associates, Inc. Repack Sweep - INV 1801241
	<b>Amount:</b>	\$4,500.00

## Cost Information

### Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Interim Transmission Line</b>	<b>\$138,450.00</b>	<b>\$0.00</b>		<b>\$0.00</b>	
Rigid Transmission Line - copper, 4 1/16"	\$138,450.00	\$0.00	N/A	\$0.00	N/A
<b>Primary Transmission Line</b>	<b>\$12,500.00</b>	<b>\$12,500.00</b>		<b>\$12,500.00</b>	
Disconnect Interior RF	<i>\$12,500.00</i>	\$12,500.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***Disconnect interior RF transmission line and filters from existing configuration and move within the building to make way for new facilities.	\$12,500.00	N/A
<b>Primary Transmission Line</b>	<b>\$200,586.00</b>	<b>\$385,225.00</b>		<b>\$0.00</b>	



Rigid Transmission Line - copper, 6 1/8"	\$200,586.00	\$385,225.00	Per actual invoices from PCI. See cover sheet for more explanations.	\$0.00	N/A
<b>Sub-total</b>	\$351,536.00	\$397,725.00	N/A	\$12,500.00	N/A
<b>Total for all systems</b>	\$3,998,551.43	\$2,326,091.13	N/A	\$1,519,572.86	N/A

## Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 4 1/16"	Information not provided.
Disconnect Interior RF	<p><b>Component Description:</b> WQOW-QCOMM-DECOMM INV QC19-010</p> <p><b>Amount:</b> \$12,500.00</p>

Rigid Transmission Line -  
copper, 6 1/8"

**Component Description:**

See LAST page of  
attachment for  
further  
information.  
WQOW - PCI -  
new line - INV  
7267 - PO 20088  
(1st invoice)

**Amount:**

\$154,102.00

**Component Description:**

See LAST page of  
attachment for  
further  
explanation.  
WQOW - PCI -  
new line - INV  
7381 - PO 20088  
(2nd INvoice)

**Amount:**

\$183,168.00

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	\$222,500.00	\$418,134.61		\$343,020.00	
Tall Tower (greater than 500')	\$210,500.00	\$406,134.61	Actual costs per vendor invoices.	\$337,270.00	N/A
STRUCTURAL ENGINEERING	<i>\$12,000.00</i>	\$12,000.00	Structural engineering to determine if tower will hold interim antenna and new config at current requirements	\$5,750.00	N/A
Sub-total	\$222,500.00	\$418,134.61	N/A	\$343,020.00	N/A
Total for all systems	\$3,998,551.43	\$2,326,091.13	N/A	\$1,519,572.86	N/A

Components

Actual Information	
Description	File Name

Tall Tower (greater than 500')	<table> <tr> <td data-bbox="713 100 1114 324"><b>Component Description:</b></td><td data-bbox="1114 100 1428 324">PCI - Tower work - INV 7267 - 1st invoice - see cover letter.</td></tr> <tr> <td data-bbox="713 324 1114 414"><b>Amount:</b></td><td data-bbox="1114 324 1428 414">\$154,102.00</td></tr> <tr> <td data-bbox="713 414 1114 660"><b>Component Description:</b></td><td data-bbox="1114 414 1428 660">PCI - Tower work - INV 7381 - 2nd invoice - see cover sheet for additional info</td></tr> <tr> <td data-bbox="713 660 1114 750"><b>Amount:</b></td><td data-bbox="1114 660 1428 750">\$183,168.00</td></tr> <tr> <td data-bbox="713 750 1114 1086"><b>Component Description:</b></td><td data-bbox="1114 750 1428 1086">PCI - Tower Work - INV 7399 - 3rd invoice - see cover sheet for explanation. See attached daily reports.</td></tr> <tr> <td data-bbox="713 1086 1114 1182"><b>Amount:</b></td><td data-bbox="1114 1086 1428 1182">\$68,864.61</td></tr> </table>	<b>Component Description:</b>	PCI - Tower work - INV 7267 - 1st invoice - see cover letter.	<b>Amount:</b>	\$154,102.00	<b>Component Description:</b>	PCI - Tower work - INV 7381 - 2nd invoice - see cover sheet for additional info	<b>Amount:</b>	\$183,168.00	<b>Component Description:</b>	PCI - Tower Work - INV 7399 - 3rd invoice - see cover sheet for explanation. See attached daily reports.	<b>Amount:</b>	\$68,864.61
<b>Component Description:</b>	PCI - Tower work - INV 7267 - 1st invoice - see cover letter.												
<b>Amount:</b>	\$154,102.00												
<b>Component Description:</b>	PCI - Tower work - INV 7381 - 2nd invoice - see cover sheet for additional info												
<b>Amount:</b>	\$183,168.00												
<b>Component Description:</b>	PCI - Tower Work - INV 7399 - 3rd invoice - see cover sheet for explanation. See attached daily reports.												
<b>Amount:</b>	\$68,864.61												
STRUCTURAL ENGINEERING	<table> <tr> <td data-bbox="713 1182 1114 1332"><b>Component Description:</b></td><td data-bbox="1114 1182 1428 1332">WQOW-TOWER TECH-INV-17-116</td></tr> <tr> <td data-bbox="713 1332 1114 1435"><b>Amount:</b></td><td data-bbox="1114 1332 1428 1435">\$5,750.00</td></tr> </table>	<b>Component Description:</b>	WQOW-TOWER TECH-INV-17-116	<b>Amount:</b>	\$5,750.00								
<b>Component Description:</b>	WQOW-TOWER TECH-INV-17-116												
<b>Amount:</b>	\$5,750.00												

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$238,810.00</b>	<b>\$228,323.00</b>		<b>\$108,823.69</b>	
Vendor Travel Expenses	<i>\$13,408.00</i>	\$13,408.00	Reimbursable Vendor Travel expenses for working in the field on behalf of the station for the Repack project - see quote for estimated expenses. QC-17003	\$10,327.18	N/A
Quarterly reporting	<i>\$5,000.00</i>	\$5,000.00	Preparation and submittal of the FCC required quarterly report 387 by PM and attorney.	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	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	\$4,506.00	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Project management of the transition	\$97,012.00	\$92,100.00	N/A	\$78,480.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,565.00	Actual total of two invoices from Lohnes & Culver regarding coordination issues.	\$840.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$4,425.00	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,970.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$525.00	N/A
Legal General Repack issues	<b>\$10,000.00</b>	\$10,000.00	see exhibit memo - QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399	\$7,750.51	N/A
<b>Sub-total</b>	\$238,810.00	\$228,323.00	N/A	\$108,823.69	N/A
<b>Total for all systems</b>	\$3,998,551.43	\$2,326,091.13	N/A	\$1,519,572.86	N/A

## Components

Actual Information	
Description	File Name

Vendor Travel Expenses	<b>Component Description:</b>		WQOW- PM -AUG-NOV18 - INV QC19-018 - PM TRAVEL TIME
	<b>Amount:</b>		\$8,400.00
	<b>Component Description:</b>		WQOW-PM-TRAVEL EXP - INV QC17-143 - ITEMS 1010-1015
	<b>Amount:</b>		\$817.07
	<b>Component Description:</b>		WQOW-PM TRAVEL - INV 1THRU3-18 - INV QC18-048 LINES 1010,1014 AND 1015
	<b>Amount:</b>		\$1,110.11
Quarterly reporting	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.		



<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="699 100 1013 302"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1013 100 1428 302"> <p>Legal-WQOW-NOV17-inv</p> <p>\$94.00</p> </td></tr> <tr> <td data-bbox="699 302 1013 504"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1013 302 1428 504"> <p>LEGAL JUNE17-WQOW</p> <p>\$359.00</p> </td></tr> <tr> <td data-bbox="699 504 1013 705"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1013 504 1428 705"> <p>LEGAL AUGUST17 - WQOW</p> <p>\$470.00</p> </td></tr> <tr> <td data-bbox="699 705 1013 907"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1013 705 1428 907"> <p>LEGAL APRIL17 - WQOW</p> <p>\$517.00</p> </td></tr> <tr> <td data-bbox="699 907 1013 1108"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1013 907 1428 1108"> <p>LEGAL - JULY17 WQOW</p> <p>\$1,861.00</p> </td></tr> <tr> <td data-bbox="699 1108 1013 1310"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1013 1108 1428 1310"> <p>LEGAL-MAY17-WQOW</p> <p>\$453.00</p> </td></tr> <tr> <td data-bbox="699 1310 1013 1512"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1013 1310 1428 1512"> <p>Legal-WQOW-OCT17-inv</p> <p>\$329.00</p> </td></tr> <tr> <td data-bbox="699 1512 1013 1713"> <p><b>Component Description:</b></p> <p><b>Amount:</b></p> </td><td data-bbox="1013 1512 1428 1713"> <p>LEGAL-WQOW-SEPT17</p> <p>\$423.00</p> </td></tr> </table>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Legal-WQOW-NOV17-inv</p> <p>\$94.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>LEGAL JUNE17-WQOW</p> <p>\$359.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>LEGAL AUGUST17 - WQOW</p> <p>\$470.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>LEGAL APRIL17 - WQOW</p> <p>\$517.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>LEGAL - JULY17 WQOW</p> <p>\$1,861.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>LEGAL-MAY17-WQOW</p> <p>\$453.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>Legal-WQOW-OCT17-inv</p> <p>\$329.00</p>	<p><b>Component Description:</b></p> <p><b>Amount:</b></p>	<p>LEGAL-WQOW-SEPT17</p> <p>\$423.00</p>
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<p>Comprehensive coverage verification via field study, if needed</p>	<p>Information not provided.</p>																

Project management of the transition	<table> <tr> <td><b>Component Description:</b></td><td>WQOW-PM- SEPT-DEC-17- INV QC18-019</td></tr> <tr> <td><b>Amount:</b></td><td>\$12,270.00</td></tr> <tr> <td><b>Component Description:</b></td><td>WQOW- PM -AUG-NOV18 - INV QC19-018 - PM TIME</td></tr> <tr> <td><b>Amount:</b></td><td>\$22,537.50</td></tr> <tr> <td><b>Component Description:</b></td><td>WQOW-PM-INV- QC17-143 - ITEM 4004</td></tr> <tr> <td><b>Amount:</b></td><td>\$15,450.00</td></tr> <tr> <td><b>Component Description:</b></td><td>WQOW-PM-1THRU3 18 - INV QC18-048</td></tr> <tr> <td><b>Amount:</b></td><td>\$9,562.50</td></tr> <tr> <td><b>Component Description:</b></td><td>WQOW - QCOMM PM 4THRU7-18 INV QC18-069</td></tr> <tr> <td><b>Amount:</b></td><td>\$18,660.00</td></tr> </table>	<b>Component Description:</b>	WQOW-PM- SEPT-DEC-17- INV QC18-019	<b>Amount:</b>	\$12,270.00	<b>Component Description:</b>	WQOW- PM -AUG-NOV18 - INV QC19-018 - PM TIME	<b>Amount:</b>	\$22,537.50	<b>Component Description:</b>	WQOW-PM-INV- QC17-143 - ITEM 4004	<b>Amount:</b>	\$15,450.00	<b>Component Description:</b>	WQOW-PM-1THRU3 18 - INV QC18-048	<b>Amount:</b>	\$9,562.50	<b>Component Description:</b>	WQOW - QCOMM PM 4THRU7-18 INV QC18-069	<b>Amount:</b>	\$18,660.00
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<b>Amount:</b>	\$18,660.00																				
Prepare and or review reimbursement form	Information not provided.																				

<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<table> <tr> <td data-bbox="697 100 1114 600"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 100 1428 600"> <p>WQOW - Lohnes - Interference study - INV 201905-0275-08-2-2. NOTE: Vendor name is Lohnes &amp; Culver; since the tool does not allow for special characters, "and" was substituted for "&amp;".</p> </td></tr> <tr> <td data-bbox="697 600 1114 734"> <p><b>Amount:</b></p> </td><td data-bbox="1114 600 1428 734"> <p>\$840.00</p> </td></tr> <tr> <td data-bbox="697 734 1114 1272"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 734 1428 1272"> <p>WQOW - Lohnes - engineering studies - INV 201806-0275-08-2. Note: Vendor name is Lohnes &amp; Culver, but since the tool does not allow special characters, "and" was substituted for "&amp;".</p> </td></tr> <tr> <td data-bbox="697 1182 1114 1272"> <p><b>Amount:</b></p> </td><td data-bbox="1114 1182 1428 1272"> <p>\$1,725.00</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>WQOW - Lohnes - Interference study - INV 201905-0275-08-2-2. NOTE: Vendor name is Lohnes &amp; Culver; since the tool does not allow for special characters, "and" was substituted for "&amp;".</p>	<p><b>Amount:</b></p>	<p>\$840.00</p>	<p><b>Component Description:</b></p>	<p>WQOW - Lohnes - engineering studies - INV 201806-0275-08-2. Note: Vendor name is Lohnes &amp; Culver, but since the tool does not allow special characters, "and" was substituted for "&amp;".</p>	<p><b>Amount:</b></p>	<p>\$1,725.00</p>
<p><b>Component Description:</b></p>	<p>WQOW - Lohnes - Interference study - INV 201905-0275-08-2-2. NOTE: Vendor name is Lohnes &amp; Culver; since the tool does not allow for special characters, "and" was substituted for "&amp;".</p>								
<p><b>Amount:</b></p>	<p>\$840.00</p>								
<p><b>Component Description:</b></p>	<p>WQOW - Lohnes - engineering studies - INV 201806-0275-08-2. Note: Vendor name is Lohnes &amp; Culver, but since the tool does not allow special characters, "and" was substituted for "&amp;".</p>								
<p><b>Amount:</b></p>	<p>\$1,725.00</p>								

Perform engineering study for new channel assignment and antenna development	<div> <b>Component Description:</b> Construction phase assignment waiver - engineering studies. Lohnes INV 201806-0275-08-2 </div> <div> <b>Amount:</b> \$1,725.00 </div>
	<div> <b>Component Description:</b> WQOW - Lohnes - eng services - tx power justification - INV 201905-0275-08-2-1. NOTE: vendor name is Lohnes &amp; Culver. Since the tool does not allow for special characters, "and" was substituted for "&amp;". </div> <div> <b>Amount:</b> \$300.00 </div>
	<div> <b>Component Description:</b> NEW CHANNEL ASSIGN ENGR- LOHNES INV- WQOW </div> <div> <b>Amount:</b> \$2,400.00 </div>

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<table> <tr> <td><b>Component Description:</b></td><td>CP APPLICATION-WQOW - LOHNES ENGR</td></tr> <tr> <td><b>Amount:</b></td><td>\$1,970.00</td></tr> </table>	<b>Component Description:</b>	CP APPLICATION-WQOW - LOHNES ENGR	<b>Amount:</b>	\$1,970.00				
<b>Component Description:</b>	CP APPLICATION-WQOW - LOHNES ENGR								
<b>Amount:</b>	\$1,970.00								
	<table> <tr> <td><b>Component Description:</b></td><td>WQOW - Lohnes - Form 2100 - INV 201809-0275-08-2. NOTE: Vendor name is Lohnes &amp; Culver; however, since the tool does not allow special characters, "and" was substituted for "&amp;"</td></tr> <tr> <td><b>Amount:</b></td><td>\$525.00</td></tr> </table>	<b>Component Description:</b>	WQOW - Lohnes - Form 2100 - INV 201809-0275-08-2. NOTE: Vendor name is Lohnes & Culver; however, since the tool does not allow special characters, "and" was substituted for "&"	<b>Amount:</b>	\$525.00				
<b>Component Description:</b>	WQOW - Lohnes - Form 2100 - INV 201809-0275-08-2. NOTE: Vendor name is Lohnes & Culver; however, since the tool does not allow special characters, "and" was substituted for "&"								
<b>Amount:</b>	\$525.00								
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	<table> <tr> <td><b>Component Description:</b></td><td>Prepare engineering section of Form 2100 - Lohnes - INV 2001809-0275-08-2 . NOTE: Vendor name is Lohnes &amp; Culver; "and" was substituted for special character "&amp;"</td></tr> <tr> <td><b>Amount:</b></td><td>\$525.00</td></tr> </table>	<b>Component Description:</b>	Prepare engineering section of Form 2100 - Lohnes - INV 2001809-0275-08-2 . NOTE: Vendor name is Lohnes & Culver; "and" was substituted for special character "&"	<b>Amount:</b>	\$525.00				
<b>Component Description:</b>	Prepare engineering section of Form 2100 - Lohnes - INV 2001809-0275-08-2 . NOTE: Vendor name is Lohnes & Culver; "and" was substituted for special character "&"								
<b>Amount:</b>	\$525.00								
Legal General Repack issues	<table> <tr> <td><b>Component Description:</b></td><td>WQOW-BROOKS-JUNE18- INV 3954664</td></tr> <tr> <td><b>Amount:</b></td><td>\$1,287.00</td></tr> <tr> <td><b>Component Description:</b></td><td>WQOW-BROOKS-MAY18-INV 3953761</td></tr> <tr> <td><b>Amount:</b></td><td>\$445.50</td></tr> </table>	<b>Component Description:</b>	WQOW-BROOKS-JUNE18- INV 3954664	<b>Amount:</b>	\$1,287.00	<b>Component Description:</b>	WQOW-BROOKS-MAY18-INV 3953761	<b>Amount:</b>	\$445.50
<b>Component Description:</b>	WQOW-BROOKS-JUNE18- INV 3954664								
<b>Amount:</b>	\$1,287.00								
<b>Component Description:</b>	WQOW-BROOKS-MAY18-INV 3953761								
<b>Amount:</b>	\$445.50								

<b>Component Description:</b>	Gen Legal June 2020 - Brooks - INV 3984325
<b>Amount:</b>	\$79.50

<b>Component Description:</b>	WQOW - Brooks - Gen Legal period ending January, 2018 - INV 3949059. \$35.36 is WQOW portion of total invoice
<b>Amount:</b>	\$35.36

<b>Component Description:</b>	WQOW - Brooks - Gen Legal Jan 2020 - INV 3977755
<b>Amount:</b>	\$52.00

<b>Component Description:</b>	1-24-20 WQOW General Repack Legal Services for period ending May 2017. INV 3940170 (revised with cover sheet)
<b>Amount:</b>	\$190.85

<b>Component Description:</b>	Brooks Repack legal services for period ending Sept '18; INV 3958278
<b>Amount:</b>	\$2,013.00

<b>Component Description:</b>	WQOW - Brooks- Gen Legal period ending Dec 2017 - INV 3947925. 440.29 is WQOW portion of total invoice
<b>Amount:</b>	\$40.29

<b>Component Description:</b>	Brooks Repack Legal Services for period ending Dec '17; INV 3947922
<b>Amount:</b>	\$188.00

<b>Component Description:</b>	WQOW - Brooks - Gen Legal February 2018 - INV 3950148. \$28.29 is WQOW portion of total invoice
<b>Amount:</b>	\$28.29

<b>Component Description:</b>	WQOW - Brooks - Gen Legal April 2018 - INV 3952584. \$28.29 is WQOW portion of invoice total
<b>Amount:</b>	\$28.29

<b>Component Description:</b>	WQOW - Brooks - General Legal March 2018 - INV 3951201. \$28.29 is WQOW portion of total invoice
<b>Amount:</b>	\$28.29

<b>Component Description:</b>	WQOW-BROOKS LEGAL INV 3952581-APRIL18
<b>Amount:</b>	\$297.00

<b>Component Description:</b>	WQOW - Brooks - Gen Legal July '17 - INV 3942230 (revised)
<b>Amount:</b>	\$275.00

<b>Component Description:</b>	WQOW Brooks Gen Legal June '17 INV 3941325
<b>Amount:</b>	\$266.44

<b>Component Description:</b>	WQOW - BROOKS - LEGAL OCT 19 - INV 3959630
<b>Amount:</b>	\$363.00

<b>Component Description:</b>	WQOW-BROOKS- LEGAL JAN-18- INV 3949056
<b>Amount:</b>	\$297.00

<b>Component Description:</b>	General Legal- OCT17-WQOW-inv
<b>Amount:</b>	\$322.28

<b>Component Description:</b>	General Legal- JUNE17 - WQOW inv
<b>Amount:</b>	\$266.44



<b>Component Description:</b>	WQOW-BROOKS AUG18 INV 3957121
<b>Amount:</b>	\$148.50

<b>Component Description:</b>	General Legal - AUG17-WQOW-inv
<b>Amount:</b>	\$117.85

<b>Component Description:</b>	Brooks Repack Legal Services for period ending Dec '18; INV 3961875
<b>Amount:</b>	\$33.00

<b>Component Description:</b>	General Legal - SEPT-WQOW-inv
<b>Amount:</b>	\$80.57

<b>Component Description:</b>	Brooks Repack Legal Services for period ending July '19; INV 3970201
<b>Amount:</b>	\$52.00

<b>Component Description:</b>	General Legal- MAY17-WQOW
<b>Amount:</b>	\$190.85

<b>Component Description:</b>	WQOW-BROOKS - JULY18 INV 3955734
<b>Amount:</b>	\$495.00

<b>Component Description:</b>	General Legal- JULY17-WQOW-inv
<b>Amount:</b>	\$275.00

<b>Component Description:</b>	WQOW-BROOKS- MAR18 INV- 3951198
<b>Amount:</b>	\$445.50

<b>Component Description:</b>	General Legal- NOV17-WQOW-inv
<b>Amount:</b>	\$221.57

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Cost  
Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$60,995.00	\$60,395.00		\$5,908.21	
Develop and air announcement of upcoming channel change	<i>\$15,000.00</i>	\$15,000.00	Required FCC announcements and good will public relations must be upheld. The production airing and disseminating of these announcements are fundamental to our operations.	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
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,950.00	N/A
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	Required FCC notification.	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$8,000.00</i>	\$8,000.00	Transport, forklift rental and handling fees from staging area to transmitter site.	\$1,000.00	N/A

Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$10,000.00</b>	\$10,000.00	Rent 40 yard dumpster with multiple pickups. Estimated 6-months on site. Potential hazardous waste management issues.	\$1,958.21	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
Equipment Storage	<b>\$10,000.00</b>	\$10,000.00	Expecting multiple staggered equipment deliveries from different vendors and need to store and stage new equipment prior to installation date. Anticipate from 6-24 months of storage time.	\$0.00	N/A
<b>Sub-total</b>	\$60,995.00	\$60,395.00	N/A	\$5,908.21	N/A
<b>Total for all systems</b>	\$3,998,551.43	\$2,326,091.13	N/A	\$1,519,572.86	N/A

## Components

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

FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
DTV Medical Facility Notification	<div> <div> <b>Component Description:</b> </div> <div> WQOW-RF NOTE-MEDICAL - INV 1059 </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$2,950.00 </div> </div>
MVPD Notification of Channel Change	Information not provided.
Equipment Delivery and Handling Charges	<div> <div> <b>Component Description:</b> </div> <div> Equipment delivery from storage to site - Casey's Garage - INV 1016 </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$1,000.00 </div> </div> <div> <div> <b>Component Description:</b> </div> <div> Equipment delivery - Casey's Garage - INV 1015 </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$650.00 </div> </div>

Disposal Costs (for equipment and other waste, net of any salvage value)	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Roll off dumpster to collect debris from installation activities. INV 1574  \$311.23 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Cleanup and disposal of debris around dumpster area. Supreme - INV 3127  \$70.00 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Roll off dumpster to collect debris from installation activities. INV 1603  \$152.98 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> dumpster rental for December 18, 2018. Advanced INV M40002312417  \$731.00 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> Roll off dumpster for June 2019 to collect debris from installation activities.  \$693.00 </div> </div>
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
Equipment Storage	Information not provided.

<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$3,998,551.43	\$2,326,091.13
			\$1,519,572.86

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> </ol>	



4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**BRADY  
DREASLER**  
*CORPORATE  
DIRECTOR  
OF  
ENGINEERING*

10/01/2020

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

<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>BRADY DREASLER CORPORATE DIRECTOR OF ENGINEERING</b></p> <p>10/01/2020</p>

## Attachments