



(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 **06/05**  
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 Information

### 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>Elect for HVAC</b>	Electrical work to install HVAC
<b>Security - 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>Demo old HVAC tx ducts</b>	Repack, removed old HVAC transmitter ducts and replace with blocks
<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>Plumbing installation for new transmitter</b>	plumber required to install the new transmitter cooling systems

<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>Transmitter training</b>	Transmitter training - offsite - 1 week in duration at mfg site.
<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>ARC remote control</b>	Install remote control system
<b>Transmitter-Disconnect</b>	Disconnect transmitter and components from existing configuration and move within building to make way for new facilities.
<b>Freight</b>	Freight charges to ship equipment and parts
<b>Sales Tax</b>	Sales Tax on equipment per state law

**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
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.
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## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Primary Transmitter ULXTE-40</b>	<b>\$1,989,140.43</b>	<b>\$1,196,396.02</b>		<b>\$1,036,075.13</b>	
Freight	<i>\$9,359.05</i>	\$9,359.05	N/A	\$9,359.05	N/A
Sales Tax	<i>\$3,549.71</i>	\$3,549.71	N/A	\$3,549.71	N/A
Transmitter-Disconnect	<i>\$20,000.00</i>	\$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
ARC remote control	<i>\$9,971.67</i>	\$9,971.67	Costs to install ARC system per actual invoices.	\$9,971.67	N/A
Electrical system modifications to accommodate the new transmitter	<i>\$50,400.00</i>	\$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

Transmitter training	<b>\$3,300.00</b>	\$3,300.00	Transmitter training - offsite - 1 week in duration at mfg site.	N/A	N/A
Transmitter Site Preperation	<b>\$6,500.00</b>	\$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
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

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
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
25 Ton system	\$91,500.00	\$87,000.00	N/A	\$34,780.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$7,800.00	\$7,500.00	N/A	N/A	N/A
Transformer 3 phase/480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$0.00	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$51,178.41	Actual costs per invoices	\$51,178.41	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

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
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
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	\$8,546.24	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>	\$1,989,140.43	\$1,196,396.02	N/A	\$1,036,075.13	N/A
<b>Total for all systems</b>	\$3,988,601.43	\$2,316,141.13	N/A	\$1,515,595.03	N/A

## Components

Actual Information	
Description	File Name
Freight	
	<b>Component Description:</b> Final Gates Air INV US0319031
	<b>Amount:</b> \$9,359.05
	<b>Component Description:</b> 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
	<b>Amount:</b> N/A
Sales Tax	
	<b>Component Description:</b> Final Gates Air INV US0319031
	<b>Amount:</b> \$3,549.71
	<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
	<b>Amount:</b> N/A

Transmitter-Disconnect	<div> <div> <b>Component Description:</b> </div> <div> WQOW- QCOMM- DECOMM INV QC19-010 </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$18,500.00 </div> </div>
ARC remote control	<div> <div> <b>Component Description:</b> </div> <div> Revised with cover letter - remote control system. Burk Tech - INV 00068910 - PO 20373 </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$9,971.67 </div> </div> <div> <div> <b>Component Description:</b> </div> <div> Invoice includes \$213.67 for shipping and handling not included on original quote. INV 00068910 - PO 20373 </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$9,971.67 </div> </div>
Electrical system modifications to accommodate the new transmitter	<div> <div> <b>Component Description:</b> </div> <div> WQOW- P AND T INV 16136 - ELECTRIC WORK FOR NEW TX- LABOR AND MATERIAL </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$35,723.93 </div> </div> <div> <div> <b>Component Description:</b> </div> <div> WQOW- P AND T - INV 16296 - ELECTRIC INSTALL PROGRESS MATERIAL </div> </div> <div> <div> <b>Amount:</b> </div> <div> \$2,022.60 </div> </div>
Transmitter training	Information not provided.

Transmitter Site Preperation	<b>Component Description:</b> WQOW- MAIN SITE PREP - INV QC18-056 <b>Amount:</b> \$6,500.00
Site Survey - TX	<b>Component Description:</b> WQOW-SITE SURVEY-INV- QC18-029 <b>Amount:</b> \$7,500.00
Demo old HVAC tx ducts	<b>Component Description:</b> Costs necessary to remove old HVAC ductwork for repack. Royal - INV 12540 - PO 20538 <b>Amount:</b> \$9,440.00
Elect for HVAC	<b>Component Description:</b> WQOW - NEI - elect for HVAC - INV 132274 - PO 20729 <b>Amount:</b> \$4,820.00
25 Ton system	<b>Component Description:</b> Kurth - Installation of (3) Carrier AC units - INV 100951 - PO 20728 <b>Amount:</b> \$34,780.00
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 300 KVA	Information not provided.

Switchgear - industrial 800 amp		
	<b>Component Description:</b>	Gates WQOW - quote Q-59383 - RF Access - C inv
	<b>Amount:</b>	\$17,059.47
	<b>Component Description:</b>	GatesAir 3rd Invoice, TE10004378-3; LINE C ONLY, PO 19967
	<b>Amount:</b>	\$17,059.47
	<b>Component Description:</b>	WQOW - MAIN TX INV- TE10004378-2 quote Q-59383 - RF Access - C inv
	<b>Amount:</b>	\$17,059.47



UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<table> <tr> <td data-bbox="719 181 1023 208"><b>Component Description:</b></td><td data-bbox="1158 181 1374 322">Final Gates Air INV US0319031 - PO 19967 - Q-79019 - PO 20435</td></tr> <tr> <td data-bbox="719 342 826 369"><b>Amount:</b></td><td data-bbox="1158 342 1289 369">\$77,007.15</td></tr> <tr> <td data-bbox="719 479 1023 506"><b>Component Description:</b></td><td data-bbox="1158 479 1374 902">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</td></tr> <tr> <td data-bbox="719 922 826 949"><b>Amount:</b></td><td data-bbox="1158 922 1203 949">N/A</td></tr> <tr> <td data-bbox="719 1059 1023 1086"><b>Component Description:</b></td><td data-bbox="1158 1059 1337 1200">3rd invoice for transmitter. TE10004378-3, PO 19967</td></tr> <tr> <td data-bbox="719 1220 826 1247"><b>Amount:</b></td><td data-bbox="1158 1220 1305 1247">\$204,526.99</td></tr> </table>	<b>Component Description:</b>	Final Gates Air INV US0319031 - PO 19967 - Q-79019 - PO 20435	<b>Amount:</b>	\$77,007.15	<b>Component Description:</b>	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	<b>Amount:</b>	N/A	<b>Component Description:</b>	3rd invoice for transmitter. TE10004378-3, PO 19967	<b>Amount:</b>	\$204,526.99
<b>Component Description:</b>	Final Gates Air INV US0319031 - PO 19967 - Q-79019 - PO 20435												
<b>Amount:</b>	\$77,007.15												
<b>Component Description:</b>	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												
<b>Amount:</b>	N/A												
<b>Component Description:</b>	3rd invoice for transmitter. TE10004378-3, PO 19967												
<b>Amount:</b>	\$204,526.99												
Plumbing installation for new transmitter	<table> <tr> <td data-bbox="719 1393 1023 1420"><b>Component Description:</b></td><td data-bbox="1158 1393 1369 1491">WQOW - BERNIE - PLUMBING INV 857757</td></tr> <tr> <td data-bbox="719 1512 826 1538"><b>Amount:</b></td><td data-bbox="1158 1512 1289 1538">\$14,515.10</td></tr> </table>	<b>Component Description:</b>	WQOW - BERNIE - PLUMBING INV 857757	<b>Amount:</b>	\$14,515.10								
<b>Component Description:</b>	WQOW - BERNIE - PLUMBING INV 857757												
<b>Amount:</b>	\$14,515.10												
Security - Site	Information not provided.												

Service entrance 3 phase /800 amp/208 volt	<div> <b>Component Description:</b> Gates WQOW - TX quote Q-59383 Electric - D Electric </div> <div> <b>Amount:</b> \$2,848.75 </div>
	<div> <b>Component Description:</b> GatesAir 3rd Invoice TE10004378-3; LINE D only. </div> <div> <b>Amount:</b> \$2,848.74 </div>
	<div> <b>Component Description:</b> WQOW - MAIN TX INV- TE10004378-2 Q- 59383 LINE D Electric- 5-29 - correct amount. </div> <div> <b>Amount:</b> \$2,848.75 </div>

UHF - Liquid Cooled Solid  
State Transmitter 14.2 - 20  
kW

**Component Description:**

WQOW- MAIN TX  
-INV TE10004378-  
2 LINES A B and  
E - see Q59383

**Amount:**

\$269,067.14

**Component Description:**

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.

**Amount:**

N/A

**Component Description:**

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.

**Amount:**

N/A

**Component Description:**

DEP ON MAIN TX  
WQOW - A B and  
E - see Q59383

**Amount:**

\$269,067.14

## 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>\$0.00</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$142,220.00</b>	<b>\$15,167.50</b>	<b>N/A</b>	<b>\$8,767.50</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$3,988,601.43</b>	<b>\$2,316,141.13</b>	<b>N/A</b>	<b>\$1,515,595.03</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)	<div> <b>Component Description:</b> Dielectric - Elbow - INV 242022 - PO 20314         </div> <div> <b>Amount:</b> \$7,717.50         </div>
Sweep test of existing antenna	<div> <b>Component Description:</b> Test antenna system for frequency and time domain response. INV RR3171 - PO 19749         </div> <div> <b>Amount:</b> \$1,050.00         </div>
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Information not provided.
Sweep test of existing antenna	Information not provided.

## 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	N/A	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>	\$3,988,601.43	\$2,316,141.13	N/A	\$1,515,595.03	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)  
\$154,102.00

**Amount:**

**Component Description:**

See LAST page of  
attachment for  
further  
explanation.  
WQOW - PCI -  
new line - INV  
7381 - PO 20088  
(2nd INvoice)  
\$183,168.00

**Amount:**

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	\$3,988,601.43	\$2,316,141.13	N/A	\$1,515,595.03	N/A

Components

Actual Information	
Description	File Name

Tall Tower (greater than 500')	<div> <b>Component Description:</b> <div> PCI - Tower work  - INV 7381 - 2nd  invoice - see  cover sheet for  additional info </div> </div> <div> <b>Amount:</b> <div>\$183,168.00</div> </div>
	<div> <b>Component Description:</b> <div> PCI - Tower work -  INV 7267 - 1st  invoice - see  cover letter. </div> </div> <div> <b>Amount:</b> <div>\$154,102.00</div> </div>
	<div> <b>Component Description:</b> <div> PCI - Tower Work  - INV 7399 - 3rd  invoice - see  cover sheet for  explanation. See  attached daily  reports. </div> </div> <div> <b>Amount:</b> <div>\$68,864.61</div> </div>
STRUCTURAL ENGINEERING	<div> <b>Component Description:</b> <div> WQOW-TOWER  TECH-INV-17-116 </div> </div> <div> <b>Amount:</b> <div>\$5,750.00</div> </div>

## 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>\$108,744.19</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
Legal General Repack issues	<i>\$10,000.00</i>	\$10,000.00	see exhibit memo - QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399	\$7,671.01	N/A

Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	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
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$525.00	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

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$4,425.00	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$97,012.00	\$92,100.00	N/A	\$78,480.00	N/A
<b>Sub-total</b>	\$238,810.00	\$228,323.00	N/A	\$108,744.19	N/A
<b>Total for all systems</b>	\$3,988,601.43	\$2,316,141.13	N/A	\$1,515,595.03	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Vendor Travel Expenses	<table> <tr> <td data-bbox="707 179 1010 206"><b>Component Description:</b></td><td data-bbox="1147 179 1385 324">WQOW- PM -AUG-NOV18 - INV QC19-018 - PM TRAVEL TIME</td></tr> <tr> <td data-bbox="707 338 813 365"><b>Amount:</b></td><td data-bbox="1147 338 1262 365">\$8,400.00</td></tr> <tr> <td data-bbox="707 477 1010 504"><b>Component Description:</b></td><td data-bbox="1147 477 1353 701">WQOW-PM TRAVEL - INV 1THRU3-18 - INV QC18-048 LINES 1010,1014 AND 1015</td></tr> <tr> <td data-bbox="707 714 813 741"><b>Amount:</b></td><td data-bbox="1147 714 1262 741">\$1,110.11</td></tr> <tr> <td data-bbox="707 853 1010 880"><b>Component Description:</b></td><td data-bbox="1147 853 1374 999">WQOW-PM- TRAVEL EXP - INV QC17-143 - ITEMS 1010-1015</td></tr> <tr> <td data-bbox="707 1012 813 1039"><b>Amount:</b></td><td data-bbox="1147 1012 1241 1039">\$817.07</td></tr> </table>	<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 - INV 1THRU3-18 - INV QC18-048 LINES 1010,1014 AND 1015	<b>Amount:</b>	\$1,110.11	<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 -AUG-NOV18 - INV QC19-018 - PM TRAVEL TIME												
<b>Amount:</b>	\$8,400.00												
<b>Component Description:</b>	WQOW-PM TRAVEL - INV 1THRU3-18 - INV QC18-048 LINES 1010,1014 AND 1015												
<b>Amount:</b>	\$1,110.11												
<b>Component Description:</b>	WQOW-PM- TRAVEL EXP - INV QC17-143 - ITEMS 1010-1015												
<b>Amount:</b>	\$817.07												
Quarterly reporting	Information not provided.												
Legal General Repack issues	<table> <tr> <td data-bbox="707 1258 1010 1285"><b>Component Description:</b></td><td data-bbox="1147 1258 1358 1366">WQOW-BROOKS AUG18 INV 3957121</td></tr> <tr> <td data-bbox="707 1379 813 1406"><b>Amount:</b></td><td data-bbox="1147 1379 1241 1406">\$148.50</td></tr> <tr> <td data-bbox="707 1518 1010 1545"><b>Component Description:</b></td><td data-bbox="1147 1518 1366 1626">WQOW-BROOKS- MAY18-INV 3953761</td></tr> <tr> <td data-bbox="707 1639 813 1666"><b>Amount:</b></td><td data-bbox="1147 1639 1241 1666">\$445.50</td></tr> <tr> <td data-bbox="707 1778 1010 1805"><b>Component Description:</b></td><td data-bbox="1147 1778 1369 2040">WQOW - Brooks - Gen Legal period ending January, 2018 - INV 3949059. \$35.36 is WQOW portion of total invoice</td></tr> <tr> <td data-bbox="707 2054 813 2080"><b>Amount:</b></td><td data-bbox="1147 2054 1228 2080">\$35.36</td></tr> </table>	<b>Component Description:</b>	WQOW-BROOKS AUG18 INV 3957121	<b>Amount:</b>	\$148.50	<b>Component Description:</b>	WQOW-BROOKS- MAY18-INV 3953761	<b>Amount:</b>	\$445.50	<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 AUG18 INV 3957121												
<b>Amount:</b>	\$148.50												
<b>Component Description:</b>	WQOW-BROOKS- MAY18-INV 3953761												
<b>Amount:</b>	\$445.50												
<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>	Brooks Repack Legal Services for period ending Dec '18; INV 3961875
<b>Amount:</b>	\$33.00

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

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

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

<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- NOV17-WQOW-inv
<b>Amount:</b>	\$221.57
<b>Component Description:</b>	WQOW-BROOKS- JUNE18- INV 3954664
<b>Amount:</b>	\$1,287.00
<b>Component Description:</b>	WQOW Brooks Gen Legal June '17 INV 3941325
<b>Amount:</b>	\$266.44
<b>Component Description:</b>	General Legal- JULY17-WQOW-inv
<b>Amount:</b>	\$275.00
<b>Component Description:</b>	General Legal - AUG17-WQOW-inv
<b>Amount:</b>	\$117.85
<b>Component Description:</b>	General Legal- JUNE17 - WQOW inv
<b>Amount:</b>	\$266.44
<b>Component Description:</b>	WQOW-BROOKS- MAR18 INV- 3951198
<b>Amount:</b>	\$445.50

	<b>Component Description:</b> <b>Amount:</b>	General Legal - SEPT-WQOW-inv \$80.57
	<b>Component Description:</b> <b>Amount:</b>	WQOW - Brooks - Gen Legal July '17 - INV 3942230 (revised) \$275.00
	<b>Component Description:</b> <b>Amount:</b>	WQOW - BROOKS - LEGAL OCT 19 - INV 3959630 \$363.00
	<b>Component Description:</b> <b>Amount:</b>	General Legal- MAY17-WQOW \$190.85
	<b>Component Description:</b> <b>Amount:</b>	WQOW-BROOKS- LEGAL JAN-18- INV 3949056 \$297.00
	<b>Component Description:</b> <b>Amount:</b>	WQOW-BROOKS - JULY18 INV 3955734 \$495.00
Comprehensive coverage verification via field study, if needed	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	

Attorney Fees - Prepare  
and File FCC Form 2100  
(main), Construction Permit  
Application

**Component Description:** LEGAL APRIL17 -  
WQOW  
**Amount:** \$517.00

**Component Description:** Legal-WQOW-  
OCT17-inv  
**Amount:** \$329.00

**Component Description:** LEGAL AUGUST17  
- WQOW  
**Amount:** \$470.00

**Component Description:** LEGAL-MAY17-  
WQOW  
**Amount:** \$453.00

**Component Description:** LEGAL-WQOW-  
SEPT17  
**Amount:** \$423.00

**Component Description:** LEGAL JUNE17-  
WQOW  
**Amount:** \$359.00

**Component Description:** Legal-WQOW-  
NOV17-inv  
**Amount:** \$94.00

**Component Description:** LEGAL - JULY17  
WQOW  
**Amount:** \$1,861.00

<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<table> <tr> <td data-bbox="703 174 1011 208"><b>Component Description:</b></td><td data-bbox="1147 174 1378 600"> <p>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;" .</p> </td></tr> <tr> <td data-bbox="703 616 815 649"><b>Amount:</b></td><td data-bbox="1147 616 1243 649">\$525.00</td></tr> </table>	<b>Component Description:</b>	<p>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;" .</p>	<b>Amount:</b>	\$525.00				
<b>Component Description:</b>	<p>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;" .</p>								
<b>Amount:</b>	\$525.00								
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="703 784 1011 817"><b>Component Description:</b></td><td data-bbox="1147 784 1378 896"> <p>CP APPLICATION-WQOW - LOHNES ENGR</p> </td></tr> <tr> <td data-bbox="703 907 815 940"><b>Amount:</b></td><td data-bbox="1147 907 1267 940">\$1,970.00</td></tr> <tr> <td data-bbox="703 1041 1011 1075"><b>Component Description:</b></td><td data-bbox="1147 1041 1378 1467"> <p>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;" .</p> </td></tr> <tr> <td data-bbox="703 1478 815 1512"><b>Amount:</b></td><td data-bbox="1147 1478 1243 1512">\$525.00</td></tr> </table>	<b>Component Description:</b>	<p>CP APPLICATION-WQOW - LOHNES ENGR</p>	<b>Amount:</b>	\$1,970.00	<b>Component Description:</b>	<p>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;" .</p>	<b>Amount:</b>	\$525.00
<b>Component Description:</b>	<p>CP APPLICATION-WQOW - LOHNES ENGR</p>								
<b>Amount:</b>	\$1,970.00								
<b>Component Description:</b>	<p>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;" .</p>								
<b>Amount:</b>	\$525.00								

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

<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<table> <tr> <td data-bbox="705 98 1114 600"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 98 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="705 600 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="705 734 1114 1283"> <p><b>Component Description:</b></p> </td><td data-bbox="1114 734 1428 1283"> <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="705 1182 1114 1283"> <p><b>Amount:</b></p> </td><td data-bbox="1114 1182 1428 1283"> <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>								
<p>Prepare and or review reimbursement form</p>	<p>Information not provided.</p>								

Project management of the transition

<b>Component Description:</b>	WQOW - QCOMM PM 4THRU7-18 INV QC18-069
<b>Amount:</b>	\$18,660.00
<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- 1THRU3 18 - INV QC18-048
<b>Amount:</b>	\$9,562.50
<b>Component Description:</b>	WQOW-PM-INV- QC17-143 - ITEM 4004
<b>Amount:</b>	\$15,450.00



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		\$6,488.21	
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 we upheld. The production airing and disseminating of these announcements are fundamental to our operations.	N/A	N/A
Equipment Storage	<i>\$10,000.00</i>	\$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

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.	\$1,888.21	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	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
Equipment Delivery and Handling Charges	<b>\$8,000.00</b>	\$8,000.00	Transport, forklift rental and handling fees from staging area to transmitter site.	\$1,650.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,950.00	N/A
MVPD Notification of Channel Change	<b>\$5,000.00</b>	\$5,000.00	Required FCC notification.	N/A	N/A
<b>Sub-total</b>	\$60,995.00	\$60,395.00	N/A	\$6,488.21	N/A
<b>Total for all systems</b>	\$3,988,601.43	\$2,316,141.13	N/A	\$1,515,595.03	N/A

## Components

Actual Information	
Description	File Name

Develop and air announcement of upcoming channel change	Information not provided.																
Equipment Storage	Information not provided.																
Disposal Costs (for equipment and other waste, net of any salvage value)	<table> <tr> <td><b>Component Description:</b></td><td>Roll off dumpster to collect debris from installation activities. INV 1574</td></tr> <tr> <td><b>Amount:</b></td><td>\$311.23</td></tr> <tr> <td><b>Component Description:</b></td><td>Roll off dumpster to collect debris from installation activities. INV 1603</td></tr> <tr> <td><b>Amount:</b></td><td>\$152.98</td></tr> <tr> <td><b>Component Description:</b></td><td>dumpster rental for December 18, 2018. Advanced INV M40002312417</td></tr> <tr> <td><b>Amount:</b></td><td>\$731.00</td></tr> <tr> <td><b>Component Description:</b></td><td>Roll off dumpster for June 2019 to collect debris from installation activities.</td></tr> <tr> <td><b>Amount:</b></td><td>\$693.00</td></tr> </table>	<b>Component Description:</b>	Roll off dumpster to collect debris from installation activities. INV 1574	<b>Amount:</b>	\$311.23	<b>Component Description:</b>	Roll off dumpster to collect debris from installation activities. INV 1603	<b>Amount:</b>	\$152.98	<b>Component Description:</b>	dumpster rental for December 18, 2018. Advanced INV M40002312417	<b>Amount:</b>	\$731.00	<b>Component Description:</b>	Roll off dumpster for June 2019 to collect debris from installation activities.	<b>Amount:</b>	\$693.00
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<b>Amount:</b>	\$693.00																
FCC Filing Fees - Form 2100 license to cover application	Information not provided.																
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.																

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

**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,988,601.43	\$2,316,141.13	\$1,515,595.03

**Reimbursement Status**

Question	Response
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
	<b>Submission of Estimated Expenses Statements</b>	<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>BRADY DREASLER CORPORATE DIRECTOR OF ENGINEERING</b></p> <p>06/05/2020</p>

## Attachments