



(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 **02/01**  
Submitted: **/2021**

## Applicant Information

### Applicant Name, Type, and Contact Information

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

## 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	Yes

	Description	Run conduit and pull wires for new LED fixtures that needed to be replaced due to Repack
<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>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>Freight</b>	Freight charges to ship equipment and parts
<b>Demo interior wall</b>	Demolish interior wall to accommodate new 25 ton HVAC system required by new tx
<b>Demo old HVAC tx ducts</b>	Repack, removed old HVAC transmitter ducts and replace with blocks
<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>Elect for HVAC</b>	Electrical work to install HVAC
<b>ARC remote control</b>	Install remote control system
<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>Sales Tax</b>	Sales Tax on equipment per state law
<b>Transmitter training</b>	Transmitter training - offsite - 1 week in duration at mfg site.
<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.

**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?	
	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**

Section	Question	Response
<b>Services Costs 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

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
Additional Insurance	Additional insurance to cover equipment in storage



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	\$2,002,046.33	\$1,209,301.92		\$1,039,009.36	
Demo old HVAC tx ducts	<i>\$9,440.00</i>	\$9,440.00	Repack, removed old HVAC transmitter ducts and replace with blocks. Costs per actual invoice.	\$9,440.00	N/A
Transmitter training	<i>\$3,300.00</i>	\$3,300.00	Transmitter training - offsite - 1 week in duration at mfg site.	N/A	N/A
Securirty - Site	<i>\$17,500.00</i>	\$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

Demo interior wall	<b>\$9,950.00</b>	\$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
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

ARC remote control	<b>\$9,971.67</b>	\$9,971.67	Costs to install ARC system per actual invoices.	\$0.00	N/A
Sales Tax	<b>\$3,549.71</b>	\$3,549.71	N/A	\$3,549.71	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
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
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
Freight	<b>\$9,359.05</b>	\$9,359.05	N/A	\$9,359.05	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

25 Ton system	\$91,500.00	\$87,000.00	N/A	\$34,780.00	N/A
Other Electrical Service: Run conduit and pull wires for new LED fixtures that needed to be replaced due to Repack	<b>\$2,955.90</b>	\$2,955.90	Conduit and pull wires for new LED fixtures due to Repack issues.	\$2,955.90	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
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 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

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>	\$2,002,046.33	\$1,209,301.92	N/A	\$1,039,009.36	N/A
<b>Total for all systems</b>	\$4,001,626.00	\$2,329,165.70	N/A	\$1,604,455.06	N/A

## Components

Actual Information	
Description	File Name
Demo old HVAC tx ducts	<p><b>Component Description:</b> Costs necessary to remove old HVAC ductwork for repack. Royal - INV 12540 - PO 20538</p> <p><b>Amount:</b> \$9,440.00</p>
Transmitter training	Information not provided.
Securirty - Site	Information not provided.
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>

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

Sales Tax	<table> <tr> <td data-bbox="708 98 1107 300"><b>Component Description:</b></td><td data-bbox="1107 98 1426 300">Final Gates Air INV US0319031</td></tr> <tr> <td data-bbox="708 300 1107 367"><b>Amount:</b></td><td data-bbox="1107 300 1426 367">\$3,549.71</td></tr> <tr> <td data-bbox="708 367 1107 882"><b>Component Description:</b></td><td data-bbox="1107 367 1426 882">6-5-20 Zeroed out. Resubmitted under new component line. sales tax for tx equipment. US0319031, PO 19967; change ordr Q-79019, PO 20435</td></tr> <tr> <td data-bbox="708 882 1107 949"><b>Amount:</b></td><td data-bbox="1107 882 1426 949">N/A</td></tr> </table>	<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
<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								
Elect for HVAC	<table> <tr> <td data-bbox="708 882 1107 1128"><b>Component Description:</b></td><td data-bbox="1107 882 1426 1128">WQOW - NEI - elect for HVAC - INV 132274 - PO 20729</td></tr> <tr> <td data-bbox="708 1128 1107 1218"><b>Amount:</b></td><td data-bbox="1107 1128 1426 1218">\$4,820.00</td></tr> </table>	<b>Component Description:</b>	WQOW - NEI - elect for HVAC - INV 132274 - PO 20729	<b>Amount:</b>	\$4,820.00				
<b>Component Description:</b>	WQOW - NEI - elect for HVAC - INV 132274 - PO 20729								
<b>Amount:</b>	\$4,820.00								
Electrical system modifications to accommodate the new transmitter	<table> <tr> <td data-bbox="708 1218 1107 1644"><b>Component Description:</b></td><td data-bbox="1107 1218 1426 1644">WQOW- P AND T - INV 16296 - ELECTRIC INSTALL PROGRESS MATERIAL</td></tr> <tr> <td data-bbox="708 1644 1107 1711"><b>Amount:</b></td><td data-bbox="1107 1644 1426 1711">\$2,022.60</td></tr> <tr> <td data-bbox="708 1711 1107 2002"><b>Component Description:</b></td><td data-bbox="1107 1711 1426 2002">WQOW- P AND T INV 16136 - ELECTRIC WORK FOR NEW TX- LABOR AND MATERIAL</td></tr> <tr> <td data-bbox="708 2002 1107 2069"><b>Amount:</b></td><td data-bbox="1107 2002 1426 2069">\$35,723.93</td></tr> </table>	<b>Component Description:</b>	WQOW- P AND T - INV 16296 - ELECTRIC INSTALL PROGRESS MATERIAL	<b>Amount:</b>	\$2,022.60	<b>Component Description:</b>	WQOW- P AND T INV 16136 - ELECTRIC WORK FOR NEW TX- LABOR AND MATERIAL	<b>Amount:</b>	\$35,723.93
<b>Component Description:</b>	WQOW- P AND T - INV 16296 - ELECTRIC INSTALL PROGRESS MATERIAL								
<b>Amount:</b>	\$2,022.60								
<b>Component Description:</b>	WQOW- P AND T INV 16136 - ELECTRIC WORK FOR NEW TX- LABOR AND MATERIAL								
<b>Amount:</b>	\$35,723.93								

Plumbing installation for new transmitter	<b>Component Description:</b> WQOW - BERNIE - PLUMBING INV 857757 <b>Amount:</b> \$14,515.10
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
Transmitter-Disconnect	<b>Component Description:</b> WQOW- QCOMM- DECOMM INV QC19-010 <b>Amount:</b> \$18,500.00
25 Ton system	<b>Component Description:</b> Kurth - Installation of (3) Carrier AC units - INV 100951 - PO 20728 <b>Amount:</b> \$34,780.00



Other Electrical Service: Run conduit and pull wires for new LED fixtures that needed to be replaced due to Repack	<p><b>Component Description:</b> conduit and pull wires for new LED fixtures - NEI INV 130212</p> <p><b>Amount:</b> \$2,955.90</p>
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Transformer 3 phase/480v - 300 KVA	Information not provided.
Switchgear - industrial 800 amp	<p><b>Component Description:</b> GatesAir 3rd Invoice, TE10004378-3; LINE C ONLY, PO 19967</p> <p><b>Amount:</b> \$17,059.47</p> <p><b>Component Description:</b> WQOW - MAIN TX INV- TE10004378-2 quote Q-59383 - RF Access - C inv</p> <p><b>Amount:</b> \$17,059.47</p> <p><b>Component Description:</b> Gates WQOW - quote Q-59383 - RF Access - C inv</p> <p><b>Amount:</b> \$17,059.47</p>

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

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<table> <tr> <td data-bbox="702 91 1021 313"> <b>Component Description:</b> </td><td data-bbox="1021 91 1428 313"> Final Gates Air  INV US0319031 -  PO 19967 - Q-  79019 - PO 20435 </td></tr> <tr> <td data-bbox="702 313 1021 403"> <b>Amount:</b> </td><td data-bbox="1021 313 1428 403"> \$77,007.15 </td></tr> <tr> <td data-bbox="702 403 1021 627"> <b>Component Description:</b> </td><td data-bbox="1021 403 1428 627"> 3rd invoice for  transmitter.  TE10004378-3,  PO 19967 </td></tr> <tr> <td data-bbox="702 627 1021 716"> <b>Amount:</b> </td><td data-bbox="1021 627 1428 716"> \$204,526.99 </td></tr> <tr> <td data-bbox="702 716 1021 1209"> <b>Component Description:</b> </td><td data-bbox="1021 716 1428 1209"> 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="702 1209 1021 1301"> <b>Amount:</b> </td><td data-bbox="1021 1209 1428 1301"> N/A </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>	3rd invoice for transmitter. TE10004378-3, PO 19967	<b>Amount:</b>	\$204,526.99	<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>	Final Gates Air INV US0319031 - PO 19967 - Q- 79019 - PO 20435												
<b>Amount:</b>	\$77,007.15												
<b>Component Description:</b>	3rd invoice for transmitter. TE10004378-3, PO 19967												
<b>Amount:</b>	\$204,526.99												
<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												

UHF - Liquid Cooled Solid  
State Transmitter 14.2 - 20  
kW

**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

**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:**

WQOW- MAIN TX  
-INV TE10004378-  
2 LINES 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
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
Sweep test of existing antenna	\$6,730.00	\$1,050.00	Test antenna. Costs per actual invoice from Resonant.	\$1,050.00	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
<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>\$4,001,626.00</b>	<b>\$2,329,165.70</b>	<b>N/A</b>	<b>\$1,604,455.06</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.
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Information not provided.

Sweep test of existing antenna	<p><b>Component Description:</b> Test antenna system for frequency and time domain response. INV RR3171 - PO 19749</p> <p><b>Amount:</b> \$1,050.00</p>
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)	<p><b>Component Description:</b> Dielectric - Elbow - INV 242022 - PO 20314</p> <p><b>Amount:</b> \$7,717.50</p>
Sweep test of existing antenna	<p><b>Component Description:</b> Actual vendor name: Jeremy Ruck &amp; Associates, Inc. Repack Sweep - INV 1801241</p> <p><b>Amount:</b> \$4,500.00</p>

Cost  
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$138,450.00	\$0.00		\$0.00	
Rigid Transmission Line - copper, 4 1 /16"	\$138,450.00	\$0.00	N/A	\$0.00	N/A
Primary Transmission Line	\$12,500.00	\$12,500.00		\$12,500.00	
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
Primary Transmission Line	\$200,586.00	\$385,225.00		\$9,243.02	



Rigid Transmission Line - copper, 6 1/8"	\$200,586.00	\$385,225.00	Per actual invoices from PCI. See cover sheet for more explanations.	\$9,243.02	N/A
<b>Sub-total</b>	\$351,536.00	\$397,725.00	N/A	\$21,743.02	N/A
<b>Total for all systems</b>	\$4,001,626.00	\$2,329,165.70	N/A	\$1,604,455.06	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"	<p><b>Component Description:</b> Freight for items on PO 20358 - Dielectric - INV 284007</p> <p><b>Amount:</b> \$67.18</p> <p><b>Component Description:</b> freight for PO 20314 - Dielectric INV 242064</p> <p><b>Amount:</b> \$4,792.50</p> <p><b>Component Description:</b> TX line - Dielectric INV 284008</p> <p><b>Amount:</b> \$2,552.00</p>

<b>Component Description:</b>	See cover sheet. Dielectric - INV 270004
<b>Amount:</b>	\$1,831.34

<b>Component Description:</b>	See LAST page of attachment for further explanation. WQOW - PCI - new line - INV 7381 - PO 20088 (2nd INvoice)
<b>Amount:</b>	\$183,168.00

<b>Component Description:</b>	See LAST page of attachment for further information. WQOW - PCI - new line - INV 7267 - PO 20088 (1st invoice)
<b>Amount:</b>	\$154,102.00

<b>Component Description:</b>	Cut pieces of transmission line - Dielectric - INV 225006
<b>Amount:</b>	\$6,366.50

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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		\$411,884.61	
Tall Tower (greater than 500')	\$210,500.00	\$406,134.61	Actual costs per vendor invoices.	\$406,134.61	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	\$411,884.61	N/A
Total for all systems	\$4,001,626.00	\$2,329,165.70	N/A	\$1,604,455.06	N/A

Components

Actual Information	
Description	File Name

Tall Tower (greater than 500')	<table> <tr> <td data-bbox="715 100 1029 302"><b>Component Description:</b></td><td data-bbox="1029 100 1428 302">Revised PCI INV 7399 with explanation</td></tr> <tr> <td data-bbox="715 302 1029 369"><b>Amount:</b></td><td data-bbox="1029 302 1428 369">\$68,864.61</td></tr> <tr> <td data-bbox="715 369 1029 638"><b>Component Description:</b></td><td data-bbox="1029 369 1428 638">PCI - Tower work - INV 7381 - 2nd invoice - see cover sheet for additional info</td></tr> <tr> <td data-bbox="715 638 1029 705"><b>Amount:</b></td><td data-bbox="1029 638 1428 705">\$183,168.00</td></tr> <tr> <td data-bbox="715 705 1029 1064"><b>Component Description:</b></td><td data-bbox="1029 705 1428 1064">PCI - Tower Work - INV 7399 - 3rd invoice - see cover sheet for explanation. See attached daily reports.</td></tr> <tr> <td data-bbox="715 1064 1029 1131"><b>Amount:</b></td><td data-bbox="1029 1064 1428 1131">\$68,864.61</td></tr> <tr> <td data-bbox="715 1131 1029 1440"><b>Component Description:</b></td><td data-bbox="1029 1131 1428 1440">PCI - Tower work - INV 7267 - 1st invoice - see cover letter.</td></tr> <tr> <td data-bbox="715 1440 1029 1507"><b>Amount:</b></td><td data-bbox="1029 1440 1428 1507">\$154,102.00</td></tr> </table>	<b>Component Description:</b>	Revised PCI INV 7399 with explanation	<b>Amount:</b>	\$68,864.61	<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>	Revised PCI INV 7399 with explanation																
<b>Amount:</b>	\$68,864.61																
<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																
STRUCTURAL ENGINEERING	<table> <tr> <td data-bbox="715 1440 1029 1597"><b>Component Description:</b></td><td data-bbox="1029 1440 1428 1597">WQOW-TOWER TECH-INV-17-116</td></tr> <tr> <td data-bbox="715 1597 1029 1691"><b>Amount:</b></td><td data-bbox="1029 1597 1428 1691">\$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
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	\$7,750.51	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	\$108,823.69	N/A
<b>Total for all systems</b>	\$4,001,626.00	\$2,329,165.70	N/A	\$1,604,455.06	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Vendor Travel Expenses	<table> <tr> <td data-bbox="707 181 1011 210"><b>Component Description:</b></td><td data-bbox="1147 181 1385 327">WQOW- PM -AUG-NOV18 - INV QC19-018 - PM TRAVEL TIME</td></tr> <tr> <td data-bbox="707 342 815 371"><b>Amount:</b></td><td data-bbox="1147 342 1262 371">\$8,400.00</td></tr> <tr> <td data-bbox="707 481 1011 510"><b>Component Description:</b></td><td data-bbox="1147 481 1353 703">WQOW-PM TRAVEL - INV 1THRU3-18 - INV QC18-048 LINES 1010,1014 AND 1015</td></tr> <tr> <td data-bbox="707 719 815 748"><b>Amount:</b></td><td data-bbox="1147 719 1262 748">\$1,110.11</td></tr> <tr> <td data-bbox="707 857 1011 887"><b>Component Description:</b></td><td data-bbox="1147 857 1374 1003">WQOW-PM- TRAVEL EXP - INV QC17-143 - ITEMS 1010-1015</td></tr> <tr> <td data-bbox="707 1019 815 1048"><b>Amount:</b></td><td data-bbox="1147 1019 1241 1048">\$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 1263 1011 1292"><b>Component Description:</b></td><td data-bbox="1147 1263 1374 1368">Gen Legal June 2020 - Brooks - INV 3984325</td></tr> <tr> <td data-bbox="707 1384 815 1413"><b>Amount:</b></td><td data-bbox="1147 1384 1230 1413">\$79.50</td></tr> <tr> <td data-bbox="707 1523 1011 1552"><b>Component Description:</b></td><td data-bbox="1147 1523 1374 1787">1-24-20 WQOW General Repack Legal Services for period ending May 2017. INV 3940170 (revised with cover sheet)</td></tr> <tr> <td data-bbox="707 1803 815 1832"><b>Amount:</b></td><td data-bbox="1147 1803 1241 1832">\$190.85</td></tr> </table>	<b>Component Description:</b>	Gen Legal June 2020 - Brooks - INV 3984325	<b>Amount:</b>	\$79.50	<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>	Gen Legal June 2020 - Brooks - INV 3984325												
<b>Amount:</b>	\$79.50												
<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 portion of general legal invoice for Sept 2017 - INV 3944708
<b>Amount:</b>	\$78.06

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

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

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

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

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

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

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

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

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

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

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

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

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

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

<b>Component Description:</b>	LEGAL-MAY17- WQOW
<b>Amount:</b>	\$453.00
<b>Component Description:</b>	LEGAL AUGUST17 - WQOW
<b>Amount:</b>	\$470.00
<b>Component Description:</b>	LEGAL-WQOW- SEPT17
<b>Amount:</b>	\$423.00
<b>Component Description:</b>	Legal-WQOW- OCT17-inv
<b>Amount:</b>	\$329.00
<b>Component Description:</b>	Legal-WQOW- NOV17-inv
<b>Amount:</b>	\$94.00
<b>Component Description:</b>	LEGAL JUNE17- WQOW
<b>Amount:</b>	\$359.00
<b>Component Description:</b>	LEGAL - JULY17 WQOW
<b>Amount:</b>	\$1,861.00
<b>Component Description:</b>	LEGAL APRIL17 - WQOW
<b>Amount:</b>	\$517.00

<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<table> <tr> <td data-bbox="699 100 1109 593"> <p><b>Component Description:</b></p> </td><td data-bbox="1109 100 1428 593"> <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="699 593 1109 705"> <p><b>Amount:</b></p> </td><td data-bbox="1109 593 1428 705"> <p>\$525.00</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<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>	<p><b>Amount:</b></p>	<p>\$525.00</p>				
<p><b>Component Description:</b></p>	<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>								
<p><b>Amount:</b></p>	<p>\$525.00</p>								
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="699 705 1109 974"> <p><b>Component Description:</b></p> </td><td data-bbox="1109 705 1428 974"> <p>CP APPLICATION-WQOW - LOHNES ENGR</p> </td></tr> <tr> <td data-bbox="699 974 1109 1041"> <p><b>Amount:</b></p> </td><td data-bbox="1109 974 1428 1041"> <p>\$1,970.00</p> </td></tr> <tr> <td data-bbox="699 1041 1109 1489"> <p><b>Component Description:</b></p> </td><td data-bbox="1109 1041 1428 1489"> <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="699 1489 1109 1572"> <p><b>Amount:</b></p> </td><td data-bbox="1109 1489 1428 1572"> <p>\$525.00</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>CP APPLICATION-WQOW - LOHNES ENGR</p>	<p><b>Amount:</b></p>	<p>\$1,970.00</p>	<p><b>Component Description:</b></p>	<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>	<p><b>Amount:</b></p>	<p>\$525.00</p>
<p><b>Component Description:</b></p>	<p>CP APPLICATION-WQOW - LOHNES ENGR</p>								
<p><b>Amount:</b></p>	<p>\$1,970.00</p>								
<p><b>Component Description:</b></p>	<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>								
<p><b>Amount:</b></p>	<p>\$525.00</p>								

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>	Construction phase assignment waiver - engineering studies. Lohnes INV 201806-0275-08-2
	<b>Amount:</b>	\$1,725.00
	<b>Component Description:</b>	NEW CHANNEL ASSIGN ENGR- LOHNES INV- WQOW
	<b>Amount:</b>	\$2,400.00



<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<table> <tr> <td data-bbox="703 174 1011 208"><b>Component Description:</b></td><td data-bbox="1147 174 1378 607"> 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;". </td></tr> <tr> <td data-bbox="703 618 815 651"><b>Amount:</b></td><td data-bbox="1147 618 1243 651">\$840.00</td></tr> <tr> <td data-bbox="703 757 1011 790"><b>Component Description:</b></td><td data-bbox="1147 757 1378 1189"> 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;". </td></tr> <tr> <td data-bbox="703 1200 815 1234"><b>Amount:</b></td><td data-bbox="1147 1200 1267 1234">\$1,725.00</td></tr> </table>	<b>Component Description:</b>	WQOW - Lohnes - Interference study - INV 201905-0275-08-2-2. NOTE: Vendor name is Lohnes & Culver; since the tool does not allow for special characters, "and" was substituted for "&".	<b>Amount:</b>	\$840.00	<b>Component Description:</b>	WQOW - Lohnes - engineering studies - INV 201806-0275-08-2. Note: Vendor name is Lohnes & Culver, but since the tool does not allow special characters, "and" was substituted for "&".	<b>Amount:</b>	\$1,725.00
<b>Component Description:</b>	WQOW - Lohnes - Interference study - INV 201905-0275-08-2-2. NOTE: Vendor name is Lohnes & Culver; since the tool does not allow for special characters, "and" was substituted for "&".								
<b>Amount:</b>	\$840.00								
<b>Component Description:</b>	WQOW - Lohnes - engineering studies - INV 201806-0275-08-2. Note: Vendor name is Lohnes & Culver, but since the tool does not allow special characters, "and" was substituted for "&".								
<b>Amount:</b>	\$1,725.00								
<p>Prepare and or review reimbursement form</p>	<p>Information not provided.</p>								

Project management of the transition

**Component Description:** WQOW- PM -AUG-NOV18 - INV QC19-018 - PM TIME  
**Amount:** \$22,537.50

**Component Description:** WQOW-PM-1THRU3 18 - INV QC18-048  
**Amount:** \$9,562.50

**Component Description:** WQOW-PM-INV-QC17-143 - ITEM 4004  
**Amount:** \$15,450.00

**Component Description:** WQOW - QCOMM PM 4THRU7-18 INV QC18-069  
**Amount:** \$18,660.00

**Component Description:** WQOW-PM- SEPT-DEC-17- INV QC18-019  
**Amount:** \$12,270.00

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	\$61,113.67	\$60,513.67		\$9,726.88	
Additional Insurance	<i>\$118.67</i>	\$118.67	Additional Insurance costs to cover equipment in storage - Winters Ins	\$118.67	N/A
MVPD Notification of Channel Change	<i>\$5,000.00</i>	\$5,000.00	Required FCC notification.	N/A	N/A
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	<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.	\$1,800.00	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.	\$2,900.00	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
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

<b>Sub-total</b>	\$61,113.67	\$60,513.67	N/A	\$9,726.88	N/A
<b>Total for all systems</b>	\$4,001,626.00	\$2,329,165.70	N/A	\$1,604,455.06	N/A

## Components

Actual Information Description	File Name
Additional Insurance	<p><b>Component Description:</b> Extra insurance to cover equipment in storage - Winters - INV 99459</p> <p><b>Amount:</b> \$118.67</p> <p><b>Component Description:</b> Additional insurance - equipment in storage - Winters INV 99459</p> <p><b>Amount:</b> \$118.67</p>
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	<p><b>Component Description:</b> WQOW rent only - Casey's GARage - INV 1002</p> <p><b>Amount:</b> \$1,800.00</p>

Equipment Delivery and  
Handling Charges

**Component Description:** Equipment delivery  
- Casey's - INV  
1015  
**Amount:** \$650.00

**Component Description:** Monitor delivery  
from storage facility  
to site - Casey's  
Garage - INV 1019  
**Amount:** \$250.00

**Component Description:** Equipment delivery  
- Casey's Garage -  
INV 1015  
**Amount:** \$650.00

**Component Description:** Equipment delivery  
from storage to site  
- Casey's Garage -  
INV 1016  
**Amount:** \$1,000.00

**Component Description:** move tx line from  
WXOW to WQOW  
- Classic Cargo -  
INV 32332A  
**Amount:** \$1,000.00

<p>Disposal Costs (for equipment and other waste, net of any salvage value)</p>	<table> <tr> <td data-bbox="702 174 1018 208"><b>Component Description:</b></td><td data-bbox="1147 174 1356 365">Cleanup and disposal of debris around dumpster area. Supreme - INV 3127</td></tr> <tr> <td data-bbox="702 376 815 409"><b>Amount:</b></td><td data-bbox="1147 376 1230 409">\$70.00</td></tr> <tr> <td data-bbox="702 517 1018 551"><b>Component Description:</b></td><td data-bbox="1147 517 1377 663">Roll off dumpster to collect debris from installation activities. INV 1603</td></tr> <tr> <td data-bbox="702 674 815 707"><b>Amount:</b></td><td data-bbox="1147 674 1246 707">\$152.98</td></tr> <tr> <td data-bbox="702 815 1018 848"><b>Component Description:</b></td><td data-bbox="1147 815 1382 960">dumpster rental for December 18, 2018. Advanced INV M40002312417</td></tr> <tr> <td data-bbox="702 972 815 1005"><b>Amount:</b></td><td data-bbox="1147 972 1246 1005">\$731.00</td></tr> <tr> <td data-bbox="702 1113 1018 1146"><b>Component Description:</b></td><td data-bbox="1147 1113 1362 1303">Roll off dumpster for June 2019 to collect debris from installation activities.</td></tr> <tr> <td data-bbox="702 1314 815 1348"><b>Amount:</b></td><td data-bbox="1147 1314 1246 1348">\$693.00</td></tr> <tr> <td data-bbox="702 1456 1018 1489"><b>Component Description:</b></td><td data-bbox="1147 1456 1377 1601">Roll off dumpster to collect debris from installation activities. INV 1574</td></tr> <tr> <td data-bbox="702 1612 815 1646"><b>Amount:</b></td><td data-bbox="1147 1612 1246 1646">\$311.23</td></tr> </table>	<b>Component Description:</b>	Cleanup and disposal of debris around dumpster area. Supreme - INV 3127	<b>Amount:</b>	\$70.00	<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	<b>Component Description:</b>	Roll off dumpster to collect debris from installation activities. INV 1574	<b>Amount:</b>	\$311.23
<b>Component Description:</b>	Cleanup and disposal of debris around dumpster area. Supreme - INV 3127																				
<b>Amount:</b>	\$70.00																				
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<b>Amount:</b>	\$311.23																				
<p>FCC Filing Fees - Form 2100 license to cover application</p>	<p>Information not provided.</p>																				
<p>FCC Filing Fees - Form 2100 minor change CP application</p>	<p>Information not provided.</p>																				

DTV Medical Facility Notification	<table><tr><td data-bbox="694 94 1085 389"><b>Component Description:</b></td><td data-bbox="1085 94 1431 389">WQOW-RF NOTE- MEDICAL - INV 1059</td></tr><tr><td data-bbox="694 389 1085 389"><b>Amount:</b></td><td data-bbox="1085 389 1431 389">\$2,950.00</td></tr></table>	<b>Component Description:</b>	WQOW-RF NOTE- MEDICAL - INV 1059	<b>Amount:</b>	\$2,950.00
<b>Component Description:</b>	WQOW-RF NOTE- MEDICAL - INV 1059				
<b>Amount:</b>	\$2,950.00				



**Cost  
Information****Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,001,626.00	\$2,329,165.70	\$1,604,455.06

**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>02/01/2021</p>

## Attachments