

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

64549 Service: DTV Call **WXOW** Channel: 28 (UHF) Facility Sign:

0000027498

Number:

ID:

File

FRN: 0030885057 Date 03/29

> Submitted: /2021

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WXOW-WQOW License, LLC Doing Business As: WXOW-WQOW License, LLC	P.O. Box 909 Quincy, IL 62306 United States	+1 (217) 223- 5100	bdreasler@quincymedia. com	Limited Liability Company

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email	
[Confidential]				

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
Tony zumMallen QCommunications, LLC	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 ch48 to ch28 will require a new top mount antenna, line and transmitter. An interim system will be required to provide market coverage during the transition.

Transmitters

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

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	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
Existing Transmitter	Manufacturer	
Manufacturer and Type	Model	Atlas
	Year	2004
	Туре	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	13 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	Existing transmitter is not tunable per the manufacturer. 1-16-20 - administrative correction of kW of the GATES ULXTE-40 from est 25.0 to actual 25.3. no monetary change.

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	200.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	25 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	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
Disconnect existing Transmitter	Disconnect transmitter and components from existing configuration and move within building
Plumbing of the new transmitter cooling systems	new transmitter cooling systems needs to be installed and decommed
Remove Filter and elevate unit	Repack filter removal and rig and move elevated unit.
Combiner Install	Combiner Install not included in GatesAir scope of work

Replace ARC remote control	Replace ARC remote control system
Switch Installation Costs	Costs for labor to install switch
Sales Tax	Sales tax for eq
Fan installation	Installation of fan at output filters
Transmitter Site Preparation	Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW.
Site Survey - TX	Site survey is required to be performed before the new transmitter and components installation plan can be finalized.
FRIEGHT	FREIGHT FROM MFG TO STAGING AREA
Electrical systems installation for new transmitters	Electrician required to provide and install the equipment in preparation of the new transmitters electrical requirements.
Transmitter Training	Transmitter training - offsite - 1 week in duration at mfg site.
HVAC for Rack Room	HVAC for rack room

Interim Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	ULXTE-20
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	12 kW
	Justification for New Transmitter	Interim facility is required to avoid prolonged period of station silence during transition, and station currently has no aux facility to use for interim operation. Extended silent period during transition to new channel is unreasonable.

Interim Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	200.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Туре	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	Yes

Interim Transmitter

Other Transmitter Cost Not Listed

•	Name	Description
	Transmitter Site Preparation	Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW.
	FRIEGHT	FREIGHT FROM MFG TO STAGING AREA

Cal	عما	tax
Эa	es.	Lax

sales tax for equipment

Antennas

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

Add Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this antenna currently shared with any other stations?	No
	Is this antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	371.0 kW

Manufacturer	
Model	TWS-30T
Year	1989

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	18
	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)	251.0 kW
	Manufacturer	
	Model	TFU-18GTH

Year	2017
Justification for New Antenna	Existing antenna is not tunable to new channel assignment. Adding Vertical component to Primary antenna and do not know of any upgraded pricing as of time of filing.

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Broadband
	Feed Line Size	4 1/16 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	

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

Other Antenna Cost Not Listed

Information not provided.

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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	75.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	20.0 kW
	Manufacturer	
	Model	TFU-8WB
	Year	2017

Justification for New Antenna	Interim facility is required to avoid prolonged period of station silence during transition, and station currently has no aux facility to use for interim operation. Extended silent period during transition to new channel is unreasonable.
	unreasonable.

Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	Yes
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	В
	Feed Line Size	4 1/16 inches

Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Enter a list of RF channel numbers.

RF Channel Number
50
48

Interim Antenna

Other Antenna Cost Not Listed

Name	Description
FREIGHT	FREIGHT FOR DELIVERY TO STAGING AREA OR STATION

Transmission ^{Seffien}	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	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	
Line Manufacturer and Type	Туре	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	900 feet per run

Primary Transmission

New Transmission Line

n Line Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Туре	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	900 feet per run
	Justification for New Transmission Line	Required to make the channel reassignment change over.

Other Transmission Line Expenses Not Listed

Primary	Cities Transcribes Line Expenses from Lines		
Transmissio	n Line Name	Description	
	Securirty - Site	This site requires security once the new transmission line and equipment arrive on site to be installed. Estimated length of 4-6 weeks.	
	Disconnect existing Interior RF components	Disconnect interior transmission line and filters from existing configuration and move within the building.	

Interim New Transmission Line

Transmission

n Line Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Туре	Rigid
New Transmission Line	Diameter	4 1/16 inches
	Segment Length	20'
	Other Segment Length	
	Number of parallel runs	1
	Length	900 feet per run
	Justification for New Transmission Line	Interim facility is required to avoid prolonged period of station silence during transition, and station currently has no aux facility to use for interim operation. Extended silent period during transition to new channel is unreasonable.

Other Transmission Line Expenses Not Listed

Transmission loine tion 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	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1035149
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	43° 48' 23.0" N-
	Longitude (NAD83)	091° 22' 03.0" W-
	Overall Structure Height	819.22 feet
	Support Structure Height	763.44 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1225.71 fee

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	WXOW- WQOW Television, Inc.
Date Constructed	10/23/1982

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

Facility ID	Call Sign	Service
20665	WIZM-FM	FM

Other Types of Users

Users

2-Way service

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

Primary Tower

Tower Rigging Costs

Section	Question	Response	
Tower Rigging Costs	Complex Tower	N/A	

Helicopter Services	Are helicopter services required?	No
Required		

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	1301
	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.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes

	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	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
General Repack Attorney	See uploaded memo-QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399
PM Reimbursable expenses	Expenses in quotes that are reimbursable for travel and in field Per Diem
Quarterly reporting -Atty	Preparation and submittal of the FCC required quarterly report 387 by the attorney.
RF System Sweep	RF System Sweep for WXOW Interim Antenna
Sweep of WIZM antenna	WIZM FM Antenna Resweep

Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	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
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	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
Fence Re-installation	Reinstallation of fence after its removal due to installation/decommissioning activities
Repair of lot	Costs to repair parking lot after repack activities due to heavy equipment compression, holes in the asphalt and other damage caused by repack dumpsters and storage containers.
Additional Insurance for equipment in storage	Additional insurance coverage for 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 Co
Interim Transmitter ULXTE-20	\$730,863.12	\$690,463.12		\$548,942.03	
UHF inside RF system including switching	\$147,500.00	\$140,000.00	N/A	\$33,623.59	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$30,000.00	Dropped estimated costs by \$6,300.	\$9,316.75	N/A
Sales tax	\$33,651.83	\$33,651.83	sales tax calc per mfg quote and inv - 10-11-18- ACTUAL BILLED PER STATE TAX RATE 6.875	\$33,651.83	N/A
FRIEGHT	\$6,811.29	\$6,811.29	Freight from mfg to staging per Q- 61103 - 10-11-18- ACTUAL INVOICED	\$6,811.29	N/A
Transmitter Site Preparation	\$5,000.00	\$5,000.00	Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW.	\$4,000.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	N/A	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$470,000.00	N/A	\$461,538.57	N/A
Primary Transmitter ULXTE-40	\$1,494,780.05	\$1,500,771.11		\$1,327,800.51	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$900,000.00	N/A	\$807,916.37	N/A
25 Ton system	\$91,500.00	\$111,953.90	Bernie Buchner PO 20296 = \$98,735.00 Change order = \$6450.00 PO 20624 \$8053.00 for heat in tx room NOTE: The \$53,000 in the 15 ton system under the interim transmitter will not be used. All HVAC components were included in above	\$111,953.90	Costs ar actual pe invoices attached plus associate change orders
Sales Tax	\$61,880.85	\$61,880.85	Actual Sales tax est on mfg invoice	\$61,880.85	Actual taxes no calculate in origina quote.

Replace ARC remote control	\$3,844.89	\$3,844.89	Replace ARC remote control system. Costs per actual invoices from BURK. Amended estimated cost to only included components allowed by Dewey Newton on 6/3 /2020 (for WMOW).	\$3,844.89	N/A
HVAC for Rack Room	\$44,865.00	\$44,865.00	Additional HVAC needed to accommodate new Repack equipment heating and cooling due to the confined space and to provide a stability of temperatures. See Bernie Buchner inv 857342, 858778, 858878's cover letters; PO 20295	\$44,865.00	N/A
Transmitter Training	\$3,300.00	\$3,300.00	Transmitter training - offsite - 1 week in duration at mfg site.	N/A	N/A
Electrical systems installation for new transmitters	\$108,796.00	\$108,796.00	Electrician required to provide and install the equipment in preparation of the new transmitters electrical requirements. per po20228	\$108,796.00	N/A
FRIEGHT	\$10,185.02	\$10,185.02	Actual FREIGHT- PER INV US0314196 and USO0319912	\$10,185.02	N/A

Site Survey - TX	\$25,000.00	\$25,000.00	Site survey and report are required to be performed before the new transmitter and components installation plan can be finalized.	\$14,500.00	N/A
Transmitter Site Preparation	\$7,000.00	\$7,000.00	Site prep for installation of the interim and main transmitters and RF components not part of Gates SOW.	\$6,500.00	N/A
Fan installation	\$895.00	\$895.00	Actual costs per quote and invoice. QCommunications INV QC20-365	\$895.00	N/A
Switch Installation Costs	\$12,000.00	\$12,000.00	Per quote attached to INV QC20-305	\$12,000.00	N/A
Combiner Install	\$15,500.00	\$15,500.00	Combiner install costs not included with GatesAir scope of work.	\$15,500.00	N/A
Remove Filter and elevate unit	\$7,541.00	\$7,541.00	Costs to remove filter and elevate unit per actual invoices.	\$7,516.00	N/A
Plumbing of the new transmitter cooling systems	\$35,872.29	\$35,872.29	plumber required to install the new transmitter cooling systems per PO20217 and PO 21197	\$35,872.29	N/A

Disconnect existing Transmitter	\$25,000.00	\$25,000.00	Disconnect transmitter and components from existing configuration and move within building to make way for new facilities.	\$23,500.00	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$73,437.16	based on actual costs (Gates Quote: Q-61102 plus change order Q-79070)	\$56,377.69	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$5,697.50	N/A
Sub-total	\$2,225,643.17	\$2,191,234.23	N/A	\$1,876,742.54	N/A
Total for all systems	\$4,029,306.71	\$4,030,792.26	N/A	\$3,113,295.08	N/A

Components

Actual Information	
Description	File Name

UHF inside RF system
including switching

Component Description: WXOW-RF

Switching Gates Quote G-61103 LINE C. RF

Accessories- dep

inv 1/3

Amount: \$11,207.86

Component Description: WXOW-RF

Switching Gates
Quote G-61103
LINE C. RF

Accessories- 2nd

inv 1/3

Amount: \$11,207.86

Component Description: WXOW-GATES-

INV-US0314197-

LINE C

Amount: \$11,207.87

Switchgear - industrial 800 amp **Component Description:** Gates-quote Q-61103-INT Electrical switching-LINE D. 1/3 deposit per inv. Amount: \$3,532.54 **Component Description:** WXOW-GATES-INT- INV US0316088 LINE D ELEC Amount: \$2,228.77 **Component Description:** Gates-quote Q-61103-INT Electrical switching-LINE D. 2nd 1/3 payment Amount: \$3,532.54

Component Description: WXOW-GATES-

INV-US0314197-

LINE D

Amount: \$22.90

	Component Description:	WXOW-GATES-
		TAX-INV-
		US0314197
	Amount:	\$19,785.63
	Commonant Deceriation	MANONAL CATES
	Component Description:	WXOW-GATES- INT INV
		US0316088 LINE
		TAX
	Amount:	\$22,561.29
	Component Description:	WXOW- SALES
		tax - 33 percent
		payment per Q-
		61103. march 5th-
		Rounding error added 1 cent to
		request to match
		the INV request.
	Amount:	\$11,090.54
FRIEGHT		
-RIEGHT	Component Description:	WXOW-GATES-
		FREIGHT-INV-
		US314197
	Amount:	\$5,400.00
	Component Description:	WXOW-GATES-
	Component Description.	INT INV
		US0316088 LINE
		FREIGHT
	Amount:	\$6,811.29
Fransmitter Site Preparation		
	Component Description:	WXOW- QCOMM -
		SITE PREP-INV QC18-034 - INT
	Amount:	\$4,000.00
2" Rigid Conduit and Wiring	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW

Component Description: 1/3 DOWN FOR

INTERIM TX PER VALIDATED 399-Quote-Q-61103 Lines-(A B and E)

Total is

\$439,729.57. Which is below \$470k allotment.

Amount: \$146,576.52

Component Description: WXOW-GATES-

TX-INV-

US0314197- LINE

A,B

Amount: \$135,028.97

Component Description: WXOW- CORY-

MASK FILTER

STAND-INV-18-451

Amount: \$2,150.00

Component Description: 2nd 1/3 payment

FOR INTERIM TX PER VALIDATED 399-Quote-Q-61103 Lines-(A B and E) Total is \$439,729.57. Which is below \$470k allotment.

Amount: \$146,576.52

Component Description: WXOW-BORTON-

CHILLER INV-4805 - REMOVE VARIANCE

Amount: \$19,659.00

Component Description: WXOW-GATES-

INV US316088-LINE E INSTALL

Amount: \$11,547.56

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW

Component Description: Gates - FINAL inv

US0319912 - Q-61102 - Change order Q-79070 -LINES A, B, E only

Amount: \$64,264.75

Component Description: WXOW -MAIN TX.

4-2- please use other submittal

Amount: N/A

Component Description: 2nd Payment -

WXOW -MAIN TX.
QUOTE- Q-61102LINES A,B and E
is \$269,305.46 4-3please use this
submittal

Amount: \$269,305.46

Component Description: WXOW-GATES-

MAIN-INV-

US0314196-LINE

A,B

Amount: \$205,040.70

Component Description: 1/3 DEPOSIT

REQUIRED -MAIN TX. QUOTE- Q-61102-LINES A,B

and E is \$269,305.46

Amount: \$269,305.46

Component Description: WXOW - Bernie -

Main TX HVAC #5
- INV 960975 - PO
20296 - CO 20521.
See cover sheet
and letter from
Bernie Buchner for

additional information.

Amount: \$4,359.30

Component Description: WXOW - Bernie -

Main TX HVAC -INV 859498 - PO 20296 - CO 20521. See cover sheet and letter from Bernie Buchner for additional

information. \$26,368.27

Component Description: WXOW - Bernie -

Amount:

LP Heat for tx room - INV 862524 - PO 20624. See cover sheet for justification about why LP Heat system was required.

Amount: \$8,053.00

Component Description: WXOW BERNIE -

HVAC INV 857343

Amount: \$29,740.00

Component Description: PLEASE DELETE

THIS INVOICE
FROM INTERIM
TX HVAC. Bernie Main TX HVAC #3
- INV 858777 - PO
20296 - CO 20521.
See cover sheet
and letter from
Bernie for
additional

information.

Amount: \$16,131.67

Component Description: 11/27 Rev WXOW

BERNIE HVAC INV 858171 PO 20296. See cover sheet and letter from vendor for explanations.

Amount: \$27,301.66

Component Description: WXOW BERNIE

HVAC INV 858777

Amount: \$16,131.67

Sales Tax

Component Description: Gates - Main TX

final invoice US 0319912 - sales tax - actual per

state law.

Amount: \$7,433.69

Component Description: WXOW-GATES-

MAIN-INV-

US0314196-TAX

Amount: \$34,563.72

Component Description: WXOW-

GATES_MAIN-TX SALES TAX see inv and Q-61102. -3-30- USE THIS submittal. FINAL ANSWER...3:41pm 4-2- - corrected inv \$ amount Use this submittal and

delete the other.

Amount: \$19,883.44

Component Description: WXOW-

GATES_MAIN-TX
SALES TAX see
inv and Q-61102 330-added 1 cent to
sales tax due to
rounding error.
Please delete the
duplicate request.

4-2- please

disregard or delete

this submittal.

Amount: N/A

Replace ARC remote control

Component Description: Matched

components

allowed by Dewey Newton on 6/3 /2020 for WMOW. Burk Remote

control system. INV 68545

Amount: \$3,844.89

Component Description: Replace the

remote control system. BURK -INV 00068545 -PO 20239. Invoice includes sales tax not included on original PO.

Amount: \$10,209.89

Component Description: REVISION. See

attached cover

letter for

justification to replace remote control system. INV 00068545, PO

20239

Amount: \$10,209.89

	Component Description:	2nd payment -
		HVAC - Rack
		Room - Buchner -
		INV 858778
	Amount:	\$14,509.89
	Component Description:	final payment -
		Rack Room HVAC
		- Buchner - INV
		858878
	Amount:	\$17,095.11
	Component Description:	1st (downpayment on eq) payment for Rack HVAC
		system - Buchner -
		INV 857342
	Amount:	\$13,260.00
Transmitter Training	Information not provided.	
Electrical systems installation for new transmitters	Component Description:	WXOW-P&T ELECTRICAL FOR TX - INV15770 - 10-11-18 -
		MATRIX AND
		NAME
	Amazunt	
	Amount:	\$77,618.00
	Amount:	

Component Description: Final invoice for

electrical install work on tx. INV 16458; PO 20228. NOTE: Vendor name is actually P & T Electric, Inc, but since the tool does not allow special characters, it was input as P and T Electric, substituting "and"

for "&".

Amount: \$9,815.00

Component Description: Additional electrical

work to install tx.
INV 16459; PO
20499. NOTE:
Actual vendor
name is P & T
Electric, Inc.;
however, tool does

not allow special characters:

substituted the "&"

for "and".

Amount: \$5,812.00

Component Description: Electrical install

work on tx. INV 16298; PO 20228. NOTE: Vendor name is actually P & T Electric, Inc. but as the tool did not allow for

special characters, the "&" was written

as "and".

Amount: \$10,871.00

	Component Description:	WXOW- PAND T ELECTRIC - TX- INV 15885 - 10-11- 18 MATRIX AND
	Amount:	NAME \$4,680.00
FRIEGHT		
	Component Description:	Gates - Main tx - final invoice US0319912 - Freight actual amount - includes
	Amount:	change order Q- 79070 \$4,543.39
	Component Description:	WXOW-GATES- FREIGHT-INV-
	Amount:	US314196 \$5,641.63
Site Survey - TX		
	Component Description:	WXOW- QCOMM SURVEY INV- QC18-028
	Amount:	\$14,500.00
Transmitter Site Preparation		
	Component Description:	WXOW-QCOMM- SITE PREP - INV QC18-034 MAIN
	Amount:	\$6,500.00
Fan installation		
	Component Description:	Fan installation at output filters. QC20-365
	Amount:	\$895.00

Switch Installation Costs		0 1 1 1 1 1
	Component Description:	Costs to install switch - QComm -
		INV QC20-305
	Amount:	\$12,000.00
		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Combiner Install		
	Component Description:	Combiner install
		not included in
		GatesAir scope of
		work - QComm -
		INV QC18-061
	Amount:	\$15,500.00
Remove Filter and elevate		
unit	Component Description:	Revised Cary -
		invoice to elevate
		unit. INV 18-467 -
		PO 20482
	Amount:	\$716.00
	Component Description:	Cary - Invoice to
	Component Description.	repack WXOW
		filter removal - INV
		18-790 - PO 20328
	Amount:	\$6,800.00

Plumbing of the new		
transmitter cooling systems	Component Description:	WXOW-BERNIE- PLUMBING FOR TX COOLERS- INV856698
	Amount:	\$17,318.81
	Component Description:	Plumbing work for transmitter - INV 857587, PO 20217 and 21197
	Amount:	\$6,188.56
	Component Description:	Plumbing work for transmitter - INV 857271 - PO 21197
	Amount:	\$12,364.92
Disconnect existing Transmitter	Component Description	WXOW- DECOM-
	Component Description: Amount:	TX-INV QC18-058 \$23,500.00
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Switchgear - industrial 800 amp		
апр	Component Description:	Gates - Main tx - final invoice US0319912 - Line C only. Q-61102, PLUS Change order Q-79070
	Amount:	\$39,318.22
	Component Description:	GATES-MAIN TX RF Switching-
		quote Q-61102 - LINE is C or 1/3
		deposit required. \$17,059.47

Component Description: GATES-MAIN TX

RF Switchingquote Q-61102 -LINE is C or 2nd payment 4-3-Process this corrected submittal. UPLOADED

QUOTE AND INV ZEROED BAD REQUEST

Amount: \$17,059.47

Component Description: -4-2- please delete

this request

Amount: N/A

Component Description: Gates Air - Main

TX - 1st invoice
GO10004742-1 RF components previously denied.
See attached cover

letter for

justification that this amount is not

a duplicate.

Amount: \$17,059.47

Service entrance 3 phase /800 amp/208 volt

Information not provided.

Transformer 3 phase/480v - 300 KVA

Component Description: GATES-MAIN TX-

WXOW -See quote
Q-61102 LINE D is
ELECTRIC parts. 43- Process this
corrected
submittal.
UPLOADED
QUOTE AND INV
ZEROED BAD

REQUEST **Amount:** \$2,848.75

Component Description: 2ND PAYMENT-

GATES-MAIN TX-WXOW -See quote Q-61102 LINE D is ELECTRIC parts. 3-30-added 1 cent to sales tax due to rounding error. Please delete the duplicate request. 4-2 - zeroed out. please delete this

request.

Amount: N/A

Component Description: Gates Air - Main

TX - INV

GO10004742-1 -

Line D only.

Previously denied. See cover sheet for justification for this amount (highlighted in pink). INV GO10004742-1

Amount: \$2,848.74

Component Description: WXOW-GATES-

MAIN-INV-

US0314196-LINE D

Amount: \$2,848.75

Component Description: GATES-MAIN TX-

WXOW -See quote Q-61102 LINE D is ELECTRIC parts. 1 /3 deposit required.

Amount: \$2,848.74

Cost Information

Antennas

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

Description Interim Antenna TFU-8WB	Predetermined Cost Estimate \$336,055.87	Estimated Cost \$320,565.87	Estimated Cost Justification	Actual Cost \$127,106.69	Actual Cost Justification
FREIGHT	\$19,765.87	\$19,765.87	FREIGHT FROM MFG TO STAGING OR STATION. MAY HAVE MULTIPLE SHIPPERS	\$19,765.87	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A

Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	\$10,950.00	\$10,400.00	N/A	\$9,255.00	N/A
Combiner output splitting /switching for dual feed lines, if applicable	\$126,000.00	\$120,000.00	N/A	N/A	N/A
UHF . Broadband Slot, Side Mount, 8 bay, 20 kW input, directional, horizontally polarized	\$60,000.00	\$57,000.00	N/A	\$44,925.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$3,383.02	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	N/A	\$49,777.80	N/A
Primary Antenna TFU-18GTH	\$287,680.00	\$286,523.00		\$264,417.50	
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	\$10,950.00	\$10,123.00	N/A	\$10,123.00	N/A

Components

Actual Information	
Description	File Name

FREIGHT		
	Component Description:	WXOW-DIE-
		FREIGHT - INV
		170007
	Amount:	\$1,190.30
	Component Description:	Freight for main on
		Sales Order
		436002 - WXOW -
		Dielectric - freight -
		INV 327011
	Amount:	\$14,120.57
	Component Description:	WXOW-
	Component Description.	DIELECTRIC-
		INTERIM -
		FREIGHT INV
		93053 - 3-28-
		uploaded Order
		Confirmation-
		405002
	Amount:	\$4,455.00
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	
Side mount brackets for	Information not provided.	
high power antennas (if not included in antenna base cost)	iniomation not provided.	

Elbow complex, broadband, at antenna input, per 4 1/16.	Component Description:	DIELECTRIC-
feedline (if needed)	Component Description:	WXOW-INTERIM-
		ELBOW-
		BALANCE INV
		LINE 16- 3-28-
		UPLOADED -
		Order Conf
		405002 - 10-11-18
		UPLOADED NEW
	Amount:	\$925.50
	Component Description:	WXOW-INTERIM
		ELBOW DEPOSIT
		LINE #18
	Amount:	\$4,164.75
	Component Description:	WXOW-ELBOW-
	Component Description.	line18- 2nd 45
		percent due-
	Amount:	\$4,164.75
	Amount.	ψτ, 10τ.70
	Component Description:	Final elbow
		amount - Dielectric
		INV 89002 - SO
		405002
	Amount:	\$925.50
Combiner output splitting	Information not provided.	
/switching for dual feed lines, if applicable		

UHF . Broadband Slot, Side Mount, 8 bay, 20 kW input, directional, horizontally polarized

Component Description: Final antenna

amount - Dielectric

- INV 89002 - SO

405002

Amount: \$4,492.50

Component Description: WXOW - INTERIM

ANTENNA 45%

DEPOSIT

Amount: \$20,216.25

Component Description: WXOW-

DIELECTRIC-INTERIM-INV-89002-LINE 17 ANTENNA-BALANCE -3-28-UPLOADED Order

Conf- 405002 - 10-11-18-NEW

UPLOAD

Amount: \$4,492.50

Component Description: WXOW-ANT-

INTERIM-2nd 45 percent -INV

MAN00115-line 20

Amount: \$20,216.25

Sweep test of existing antenna

Component Description: Test antenna

system - Resonant - INV RR3219

Amount: \$3,383.02

New combiner, cost per channel (without antenna)

Component Description: WXOW - Dielectric

- Combiner final invoice - INV 198012 - PO

20167

Amount: \$25,731.30

Component Description: WXOW- DIE-

COMBINER INV

MAN00400

Amount: \$24,046.50

Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)

Component Description: "Amount Paid"

was to reflect prepayments made to Dielectric. This invoice is for balances on lines 5&6 on order 436002. WXOW -Dielectric - INV

128001

Amount: \$1,012.30

Component Description: WXOW-

DIELECTRIC-ELBOW - 45% INV LINES # 5 AND 6 4-5-UPLOADED UPGRADE AND

PO

Amount: \$4,555.35

Component Description: ELBOW - 35%

DEPOSIT INV LINES # 5 AND 6

ONLY

Amount: \$3,543.05

Component Description: WXOW- ELBOW

10% DEPOSIT FOR LINES #5

AND 6

Amount: \$1,012.30

Sweep test of existing antenna

Component Description: Final request for

this component line item. See explanation on reconciliation sheets on attachment.

WXOW - Dielectric

- Sweep - INV 136004

Amount: \$640.00

Component Description: WXOW-MAIN

ANTENNA-SWEEP

45PERCENT INV LINES #26 4-5-UPLOADED UPGRADE AND

PO

Amount: \$2,880.00

Component Description: WXOW-SWEEP

TEST 10% DEPOSIT INV LINE #26

Amount: \$640.00

Component Description: SWEEP 35%

DEPOSIT INV

LINE#26

Amount: \$2,240.00

UHF - High Power Top Mount One Station antenna elliptically or circularly polarized Component Description: WXOW-MAIN

ANTENNA 45 PERCENT INV LINES #1,3, AND 4. 4-5-UPLOADED UPGRADE AND PO 4-17-RFASuploaded Cover Letter and PO 19944 and 19952

Amount: \$111,552.53

Component Description: SEE ATTACHED

COVER LETTER

& MATRIX.

Antenna balances - INV 117007 - SO

436002

Amount: \$27,320.69

Component Description: MAIN ANTENNA

35% DEPOSIT INV - LINES #1,3

AND 4.

Amount: \$84,794.33

Component Description: WXOW-MAIN

ANTENNA 10
DEPOSIT INV
LINES #1,3, AND
4. LINE #2 IS NOT
BILLED TO THE
FCC FOR IT IS
THE V-POL
UPGRADE.

Amount: \$24,226.95

Component Description: 8-6-20 Zeroed out

this request. Resubmitted under correct line

items. SEE

COVER LETTER

& MATRIX.
Balances on antenna

components. INV 128001. Sales

Order 436002

Amount: N/A

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	\$127,800.00	\$121,500.00		\$103,265.83	
Rigid Transmission Line - copper, 4 1 /16"	\$127,800.00	\$121,500.00	N/A	\$103,265.83	N/A
Primary Transmission Line	\$157,800.00	\$140,835.01		\$123,335.01	
Rigid Transmission Line - copper, 4 1 /16"	\$127,800.00	\$110,835.01	Per actual invoices from Dielectric	\$110,835.01	Per actual costs
Disconnect existing Interior RF components	\$12,500.00	\$12,500.00	Disconnect interior transmission line and filters from existing configuration and move within the building to make way for new facilities.	\$12,500.00	N/A

Securirty - Site	\$17,500.00	\$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
Sub-total	\$285,600.00	\$262,335.01	N/A	\$226,600.84	N/A
Total for all systems	\$4,029,306.71	\$4,030,792.26	N/A	\$3,113,295.08	N/A

Components

Actual Information Description	File Name	
Rigid Transmission Line copper, 4 1/16"	Component Description:	Cut pieces of tx line plus freight - Dielectric INV
	Amount:	184001 - SO 405002 \$3,941.75
	Component Description:	WXOW-INTERIM TX LINE- 2nd 45percent inv -
	Amount:	LINE 2 and 21 \$44,458.47
	Component Description:	WXOW-DIE-LINE- SECTION REPLACEMENT-
	Amount:	INV-162026 \$1,141.00

Component Description: Final tx line amount

- Dielectric - INV 89002 - SO 405002

Amount: \$7,597.66

Component Description: WXOW-INTERIM

TX LINE DEPOSIT

45% LINE #2

Amount: \$44,458.47

Component Description: DIELECTRIC-

WXOW-DIGIT LINE-BALANCE INV -

LINE 1 - 10-11-18 UPLOADED NEW

Amount: \$7,597.66

Component Description: freight for cut pieces

- Dielectric - INV 199043 - Sales order 405002

Amount: \$1,501.48

Component Description: Saddle - TX line -

Dielectric - INV

207006 - SO 405002

Amount: \$167.00

Rigid Transmission Line -		
copper, 4 1/16"	Component Description:	Scout equiv to
		Dielectric - DAC -
		INV 299006
	Amount:	\$8,531.41
	Component Description:	"Payments
		Received" reflect
		pre-payments made
		by station to
		Dielectric. See
		Dielectric reconciliation. This
		reconciliation. This request is for
		balances of
		components on
		order # 436002.
	Amount:	\$10,230.36
	Component Description:	TX LINE 35%
		DEPOSIT INV FOR
	Amount:	LINE #7
	Amount:	\$35,806.26
	Component Description:	WXOW- TX LINE
		10% DEPOSIT
		LINE #26
	Amount:	\$10,230.36
	Commonant Decorintian	MANANA
	Component Description:	WXOW- DIELECTRIC-TX
		LINE 45% INV FOR
		LINE #7 4-5-
		UPLOADED
		UPGRADE AND PO
	Amount:	\$46,036.62
Disconnect existing nterior RF components		

Amount:

RF - INV QC18-058

\$12,500.00

Securirty - Site	
------------------	--

Information not provided.

Cost Information

Tower Equipment and Rigging Costs

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

Description Primary Tower TOWER	Predetermined Cost Estimate \$381,100.00	Estimated Cost \$474,741.48	Estimated Cost Justification	Actual Cost \$319,641.48	Actual Cost Justification
Tall Tower (greater than 500')	\$210,500.00	\$312,741.48	Tool is not accounting for two separate antenna installations. One for the interim and One for the main. \$200k each is the budget on a tall tower.	\$312,741.48	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$6,900.00	N/A
Sub-total	\$381,100.00	\$474,741.48	N/A	\$319,641.48	N/A
Total for all systems	\$4,029,306.71	\$4,030,792.26	N/A	\$3,113,295.08	N/A

Components

Actual Information			
Description	File Name		

Tall Tower (greater than		
500')	Component Description:	WXOW-PCI- ON
		SITE INSTALLING
		ANT AND LINE - INV 7312
	Amount:	\$49,630.00
	Amount.	ψ+0,000.00
	Component Description:	WXOW-PCI-
		ARRIVAL INV 7330
	Amount:	\$99,630.00
	Component Description:	WXOW-PCI-
		TOWER DEP
		REIMBURSABLE
		NOW THAT CREW ON SITE-INV7240
	Amount:	\$50,000.00
	Component Description:	Precision
		Communications Tower work, 4th
		invoice, see cover
		sheet for additional
		information.
	Amount:	\$109,981.48
	Component Description:	PCI - Provide &
		install Vari-Grip for
		Guy Wire
		termination - INV 7522 - PO 20534
	Amount:	\$3,500.00
Minor tower reinforcement modifications	Information not provided.	
Structural engineering		
tower load study for well		
documented tower		

Component Description: WXOW - Paul J.

Ford - Broadcast Tower Modification

Design - INV

194394 - PO 19810.

NOTE: Vendor name is actually Paul J. Ford &

Company. Since the tool does not allow special characters, "and" has been substituted for "&" in the Vendor Name

field.

Amount: \$1,900.00

Component Description: WXOw Broadcast

Tower Structural Analysis - INV 194393 - PO 19795

NOTE: Vendor
Name is Paul J.
Ford & Company.
Since the tool does
not allow special
characters, "and"

has been

substituted for "&" in the Vendor Name.

Amount: \$1,900.00

Component Description: WXOW - Paul J

Ford - structural analysis for period ending 7/5/17 INV 196064 - PO 19855. Note: Actual vendor name is Paul J. Ford & Company. Since the tool does not allow for special characters, "and" has been

substituted for "&" in the Vendor Name.

Amount: \$1,900.00

Component Description: WXOW-TOWER

RIG ANALYSIS-FORD-INV205618

Amount: \$1,200.00

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 C
Outside Professional Services	\$363,003.01	\$345,733.01		\$220,794.93	
Sweep of WIZM antenna	\$3,900.00	\$3,900.00	WIZM had to relocate antenna on tower due to WXOW's Repack. This necessitated a resweep of the antenna. WXOW paid vendor for this service.	\$3,900.00	N/A
Quarterly reporting -Atty	\$4,500.00	\$4,500.00	Preparation and submittal of the FCC required quarterly report 387 by the attorney. EST. 6qtrs@\$750	N/A	N/A
PM Reimbursable expenses	\$13,408.00	\$13,408.00	PM - infield travel and Per Diem reimbursable expenses	\$9,878.42	N/A

General	¢40 007 04	\$10.007.04	000 11000 454	¢40.207.04	Subtota
Repack Attorney	\$10,297.01	\$10,297.01	see uploaded memo from Brooks Pierce- QMI Repack	\$10,297.01	the san as estimat
			Invoice Memo for Shared		costs
			Legal Expenses		
			(Matter 104411		
			00054) for Form 399		
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and	\$7,360.00	\$7,000.00	We need 1 STA for the	N/A	N/A
File request for			initial request		
Special			and we are		
Temporary			budgeting 1		
Authorization			additional STA in case the		
			project requires		
			an addition		
			STA for		
			unforeseen		
			issues during the		
			construction		
			period.		
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 -	\$5,260.00	\$5,000.00	N/A	\$4,162.00	N/A
Prepare and File FCC Form					
2100 (main),					
Construction					
Permit					
Application					

Prepare request for Special Temporary Authorization	\$4,100.00	\$3,000.00	We need 1 STA for the initial request and we are budgeting 1 additional STA in case the project requires an addition STA for unforeseen issues during the construction period.	\$1,100.00	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$3,700.00	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
RF System Sweep	\$4,700.00	\$4,700.00	RF System Sweep for WXOW Interim Antenna	\$4,700.00	N/A

Components

Actual Information Description	File Name	
Sweep of WIZM antenna		
	Component Description: Amount:	Antenna Re-sweep - Ruck - INV 1801240 \$3,900.00
Quarterly reporting -Atty	Information not provided.	

PM Reimbursable		
expenses	Component Description:	WXOW- PM - AUG-
		NOV-18 TRAVEL-
		INV QC19-017
	Amount:	\$6,480.00
	Component Description:	WXOW-PM - travel
		reimbursements-
		INV QC17-145
	Amount:	\$1,020.00
	Component Description:	WXOW-PM
		TRAVELEP-
		1THRU3-18- INV
	Amazzunt	QC18-049
	Amount:	\$2,378.42
General Repack Attorney		
	Component Description:	WXOW-LEGAL INV
		3950147 FEB 18
		WORK
	Amount:	\$49.50
	Component Description:	Revised invoice
		with cover letter.
		Brooks INV 3940170. Legal
		May '17
	Amount:	\$190.86
	Amount	Ψ130.30
	Component Description:	Brooks Repack
	Component Description.	Legal services for
		period ending Nov
		'17; Inv 3946861
	Amount:	\$94.00

General Repack Legal Services for period ending April 30, 2018. INV

3952584. \$28.28 is WXOW portion of total invoice.

Amount: \$28.28

Component Description: WXOW - Brooks -

Gen Legal Jan 2020 - INV 3977754

Amount: \$52.00

Component Description: WXOW - Brooks -

General Repack Legal Services for period ending March 31, 2018. INV 3951201. \$28.29 is WXOW portion of total

invoice.

Amount: \$28.29

Component Description: Brooks Repack

Legal Services period ending Dec '18; Inv 3961874

Amount: \$33.00

Component Description: Brooks Repack

Legal Services period ending July '19; Inv 3970200

Amount: \$52.00

General Repack Legal Services for period ending January 31, 2018. INV 3949059. \$35.36 is WXOW portion of total

invoice.

Amount: \$35.36

Component Description: WXOW-Brooks-atty

-May17

Amount: \$190.85

Component Description: WXOW-BROOKS-

JUNE18-

INV3954663

Amount: \$1,287.00

Component Description: Brooks Repack

Legal Services period ending Oct '17; Inv 3945574

Amount: \$282.00

Amount:

Component Description: WXOW-BROOKS -

INV3952580-

APRIL18 \$1,798.50

Component Description: WXOW-LEGAL INV-

3951197 FOR MAR18 WORK

Amount: \$792.00

General Repack Legal Services for period ending February 28, 2018. INV 3950148. \$28.29 is WXOW portion of total

invoice.

Amount: \$28.29

Component Description: WXOW-BROOKS-

MAY18-INV3953760

Amount: \$2,788.50

Component Description: Brooks-WXOW-atty

-OCT17-inv

Amount: \$322.28

Component Description: WXOW - Brooks -

General Repack Legal Services for period ending November 30,

2017. INV 3946865. \$221.57 is WXOW portion of total

invoice.

Amount: \$221.57

Component Description: Brooks-WXOW-

ATTY fees-SEPT17-inv

Amount: \$80.57

Component Description: Gen Legal June

2020 - INV 3984324

Amount: \$79.50

General Repack Legal for period ending May 31, 2017. INV 3940170 \$190.85 is WXOW portion of total

invoice

Amount: \$190.86

Component Description: Brooks Repack

legal services period ending Dec '17; Inv 3947921

Amount: \$263.00

Component Description: WXOW-BROOKS-

JAN-18 INV-3949055

Amount: \$49.50

Component Description: Brooks-WXOW-

AUG17-inv

Amount: \$117.85

Component Description: WXOW-BROOKS-

OCT18- INV

3959630

Amount: \$363.00

Component Description: Brooks -WXOW-

NOV17- atty - inv

Amount: \$221.57

Component Description: 11-6-19 WXOW -

Brooks - General Repack Legal Services for period ending June 30, 2017. INV 3941325. \$266.44 is WXOW

invoice

portion of total

Amount: \$266.44

Component Description: WXOW - Brooks -

General Repack Legal Services for period ending December 31, 2017. INV 3947925. \$40.29 is WXOW portion of total invoice.

Amount: \$40.29

Component Description: WXOW Brooks

General Repack Legal Services for period ending July 31, 2017. INV 3942230. \$275 is WXOW portion of total invoice

Amount: \$275.00

Component Description: WXOW- BROOKS

JUL18-INV 3955733

Amount: \$1,072.50

Component Description: Brooks-WXOW-atty-

July17 inv

Amount: \$275.00

	Component Description: Amount:	WXOW-BROOKS AUG18 INV 3957120 \$49.50
	Component Description: Amount:	Brooks-WXOW-atty- June17 inv \$266.44
Comprehensive coverage verification via field study, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	

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

Component Description:

LEGAL WXOW JUNE 2017 399

Amount:

\$359.00

Component Description:

LEGAL WXOW APRIL 2017 399

Amount:

\$517.00

Component Description:

LEGAL WXOW JULY 2017 -399

Amount:

\$1,846.00

Component Description:

LEGAL WXOW 399

MAY 2017

Amount:

\$453.00

Component Description:

LEGAL WXOW

AUG 2017 - 399 \$423.00

Amount:

Component Description:

LEGAL WORK FOR WXOW SEPT

17

Amount:

\$564.00

Prepare request for Special Temporary Authorization

Component Description:

WXOW-LOHNES-STA-INV201805-

0275-08-64549

Amount:

\$1,100.00

Prepare engineering section of FCC Form 2100		
(main), License to Cover	Component Description:	Eng services to prepare Form 2100;
Application		Lohnes - INV
		201807-0275-08-1.
		Note: Vendor name
		is Lohnes & Culver;
		however, since the
		tool does not allow
		for special
		characters, "and"
		has been
		substituted for "&".
	Amount:	\$525.00
Perform engineering study		
for new channel	Component Description:	WXOW-LOHNES-
assignment and antenna		MAP- INV201803-
development		0275-08-64549.
		NOTE: Vendor
		name is Lohnes &
		Culver; "and" was
		substituted for
		special character
		"&".
	Amount:	\$700.00
	Component Description:	ENGR-WXOW-
		NEW CHANNEL
		STUDY - 399
	Amount:	\$3,000.00
Prepare engineering		
section of FCC Form 2100	Component Description:	ENGR-WXOW-CP
(main), Construction		APP- LOHNES
Permit Application	Amount:	\$1,970.00
RF System Sweep		
	Component Description:	RF system sweep
		for WXOW Interim
		_
		Antenna - Ruck -
	Amount:	Antenna - Ruck - INV 1801216 \$4,700.00

Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	Information not provided.

Project management of the transition

Component Description: WXOW-PM-SEPT-

DEC-17 - INV-QC18-020

Amount: \$18,045.00

Component Description: WXOW-PM

4THRU7 18 INV

QC18-068

Amount: \$98,730.00

Component Description: WXOW- PM AUG-

NOV18- INV QC19-

017

Amount: \$15,375.00

Component Description: PM - WXOW - 50%

DEPOSIT INV-see quote PM QCOMM QC17004 requiring deposit. INV QC17-

133 is paid.

Amount: \$45,704.00

Component Description: WXOW-QCOMM-

PM-INV QC17-145
- REPLACED
PREVIOUS
SUBMITAL- INV

QC17-133 -PLEASE DELETE-

THIS IS FOR LINE

ITEM 4004

Amount: \$17,137.50

Component Description: WXOW-PM-

1THRU3-18 INVQC18-049

Amount: \$31,275.00

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 C
Other Expenses	\$126,824.66	\$126,259.66		\$77,991.10	
Repair of lot	\$44,398.00	\$44,398.00	Repair of damage to parking lot due to heavy equipment, holes bored to secure tower winch, and damage caused by dumpsters and storage units due to repack activities.	\$44,398.00	N/A
Fence Re- installation	\$19,228.00	\$19,228.00	Costs to reinstall fencing that had to be removed for Repack installation and decommissioning activities. Per POs 20856 and 20857	\$19,228.00	N/A
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	FCC required announcements.	N/A	N/A

Develop and air announcement of upcoming channel change	\$15,000.00	\$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	\$13,000.00	\$13,000.00	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.	\$4,100.00	N/A
Equipment Delivery and Handling Charges	\$8,000.00	\$8,000.00	Transport, forklift rental and handling fees from staging area to transmitter site.	\$3,624.24	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$10,000.00	\$10,000.00	Rent 40 yard dumpster with multiple pickups. Estimated 6- months on site. Potential hazardous waste management issues.	\$3,572.20	N/A
Additional Insurance for equipment in storage	\$118.66	\$118.66	Additional insurance necessary to cover equipment in storage	\$118.66	N/A

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,950.00	N/A
Sub-total	\$126,824.66	\$126,259.66	N/A	\$77,991.10	N/A
Total for all systems	\$4,029,306.71	\$4,030,792.26	N/A	\$3,113,295.08	N/A

Components

Actual Information Description	File Name	
Repair of lot		
	Component Description: Amount:	See cover sheet narrative and pictures. Costs to repair damage to parking lot by equipment, tower winch, dumpsters and storage containers due to repack activities. INV 5200016725 - PO 20381 \$44,398.00

Fence Re-installation		
	Component Description:	Security fence re- installation - Phillips - INV 2052
	Amount:	\$7,244.00
	Component Description:	Security gates - Phillips - INV 2053
	Amount:	\$11,984.00
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	

	Component Description:	Storage 12/26/17 thru 3/26/18.
		Casey's INV 1005A
	Amount:	\$1,800.00
		, ,
	Component Description:	WXOW storage 2/14
	Amount:	/18 through 5/13/18
	Amount:	\$1,800.00
	Component Description:	Zeroed out request
		and submitted on separate line. Extra
		insurance to cover equip in storage -
		Winters - INV 99459
	Amount:	N/A
		MINON CASENO
	Component Description:	WXOW-CASEYS- 1ST QTR-
		STORAGE AND
		FORKLIFT - INV
		1005. (revised
		attachment)
	Amount:	\$2,300.00
	Component Description:	WXOW- CASEYS-
		FORKLIFT - INV
	Amazzata	1010
	Amount:	\$500.00
Equipment Delivery and		
landling Charges	Component Description:	Boom truck rental - WXOW - Al's
		Concrete - INV
		59398
	Amount:	\$124.24

Component Description: Forklift fee to move

equipment into storage on 12/27 /17. WXOW -Casey's - INV

1005A

Amount: \$500.00

Component Description: WXOW-CASEYS

DELIVERY OF EQ FROM STAGING TO STATION INV1011

Amount: \$3,000.00

Component Description: Equipment delivery

to site - Caseys -INV 1016. 5-28-20 Adjusted to \$0 requested. WQOW

expense

Amount: N/A

Component Description: Equipment delivery

- Caseys - INV 1015. 5/28/20 Adjusted to \$0. Submitted under wrong station (It should be WQOW).

Amount: N/A

Component Description: Equipment delivery

from storage to site on 4/26/18 and 5/11 /18. Caseys INV

1011

Amount: \$3,000.00

Disposal Costs (for equipment and other waste, net of any salvage value) Component Description: Roll off dumpster

for debris from installation activities. NOTE: Actual name of vendor is Harter's Trash & Recycling, Inc, but since the tool does not allow special characters,

"and" was

substituted for "&".

Amount: \$93.60

Component Description: Roll off dumpster

for debris from installation activities. NOTE:

Actual name of vendor is Harter's Trash & Recycling, Inc. but since the tool would not allow special characters,

"and" was

substituted for "&".

Amount: \$264.64

Component Description: Roll off dumpster

for debris from installation activities. NOTE:

Actual name of vendor is Harter's Trash & Recycling, Inc. The tool does not allow for special characters, so

"and" was

substituted for "&".

Amount: \$209.41

Component Description: Roll off dumpster

for debris from installation

activities. NOTE: the vendor name is Harter's Trash & Recycling, Inc. but since the tool doesn't allow

special characters,

"and" was

substituted for "&".

Amount: \$93.60

Component Description: WXOW - Cary -

disposal of antenna - INV 20-446 - PO

21119

Amount: \$1,700.00

Component Description: Trash service for

debris from installation activities. INV M40002393520.

Amount: \$10.95

Component Description: Dumpster charges -

Miller Scrap - INV

32558

Amount: \$1,200.00

Additional Insurance for equipment in storage

Component Description: Additional

insurance to cover equipment in

storage

Amount: \$118.66

FCC Filing Fees - Form 2100 license to cover application

Information not provided.

FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
DTV Medical Facility Notification	Component Description:	WXOW- MED NOTICE- INV 1012
	Amount:	\$2,950.00

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,029,306.71	\$4,030,792.26	\$3,113,295.08

Reimbursem	enrestiatus	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

Section Question Response

Submission of Estimated Expenses Statements

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.

- 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.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 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.

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

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

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. BRADY
DREASLER
CORPORATE
DIRECTOR
OF
ENGINEERING

03/29/2021

Section Question Response

Submission of Actual Cost Documentation Statements

WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).

- 1. The Authorized
 Person signing
 below certifies and
 represents that he
 /she is authorized to
 submit this TV
 Broadcaster
 Relocation Fund
 Reimbursement
 Form on behalf of
 the above-named
 entity.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- The above-named entity acknowledges that all certifications and attached documentation are considered material representations.

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

- 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
- 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. BRADY
DREASLER
CORPORATE
DIRECTOR
OF
ENGINEERING

03/29/2021

Attachments