

Federal Communications Commission

### (REFERENCE COPY - Not for submission)

### FCC Form 399: Reimbursement Request

Facility ID:	64549	Service: DTV	Call Sign:	wxow	Channel: 28 (UHF)
File	00000	27498			
Number:					
FRN: <b>00</b> 3	30885057	Date	03/13		
		Submitted:	/2020		

### Applicant Name, Type, and Contact Information

### 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	Preparer Contact Name and Information			
Contact Information	Applicant	Address	Phone	Email
	<b>Tony zumMallen</b> QCommunications, LLC	Tony zumMallen 705B SE Melody LN #314 Lees Summit, MO 64063 United States	+1 (816) 729- 1177	tony@qcom1. com

Broadcaster	Question	Response
Information and Transition Plan	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	Existing Transmitter Information			
ransmitter	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	

### **Existing Transmitter Information**

Primary	New Transmitter Costs		
Transmitter	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	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)         Switchgear (industrial 800 amp)         Transformer (480V)	Yes		
		Switchgear (industrial 800 amp)	Yes	
		Transformer (480V)	Yes	
		Power	300 kVA	

### Other Transmitter Costs

	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 Other Transmitter Cost Not Listed Name

tter	Name	Description
	Electrical systems installation for new transmitters	Electrician required to provide and install the equipment in preparation of the new transmitters electrical requirements.
	Site Survey - TX	Site survey is required to be performed before the new transmitter and components installation plan can be finalized.
	Transmitter Training	Transmitter training - offsite - 1 week in duration at mfg site.
	FRIEGHT	FREIGHT FROM MFG TO STAGING AREA

Disconnect existing Transmitter	Disconnect transmitter and components from existing configuration and move within building
Remove Filter and elevate unit	Repack filter removal and rig and move elevated unit.
Transmitter Site Preparation	Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW.
Sales Tax	Sales tax for eq
Replace ARC remote control	Replace ARC remote control system
Plumbing of the new transmitter cooling systems	new transmitter cooling systems needs to be installed and decommed

Interim	New Transmitter Costs			
Transmitter	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	Other Transmitter Costs			
Transmitter	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	

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Add Antenna Information			
Antenna	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 Manufacturer and Type	Class	Full Power	
		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

Primary	New Antenna Costs				
Antenna	Section	Question	Response		
	New Antenna Description	Use	Primary (Main)		
		Description of Use	N/A		
		Change Type	Purchase New		
		Is this a request for upgraded equipment?	Yes		
		Ownership	Owned		
		Owner	N/A		
		Is antenna shared?	No		
		Is antenna directional?	Yes		
		Will antenna be located on or in close proximity to an antenna farm?	No		
	New Antenna Manufacturer and Types	Class	Full Power		
		Mounting	Top Mount		
		Antenna position in stack	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.

Primary Antenna	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

# Primary<br/>AntennaOther Antenna Cost Not ListedInformation not provided.

Interim	New Antenna Costs				
Antenna	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 Manufacturer and Type	Class	Full Power		
		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

# Interim Antenna Section Question

**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 channe
	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	

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary	Existing Transmission Line			
Transmissio	n 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 Transmissio	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 Transmission 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** Disconnect interior transmission line and filters from existing configuration and move components within the building.

Interim	New Transmission Line		
Transmissio	n Line Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Rigid
		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 not provided.

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

marv	Existing	Tower
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Primary	Existing Tower			
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 feet	

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 Service Call Sign 20665 WIZM-FM FΜ

### **Other Types of Users**

Users

2-Way service

### **Tower Modification Costs** Primary

Tower

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

### **Tower Rigging Costs** Primary

Tower Section Tower Rigging Costs	Question	Response	
	Tower Rigging Costs	Complex Tower	N/A

### Other Tower Expenses Not Listed Primary Tower

Information not provided.

Outside	Section	Question	Response
Professional	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
		I

RF exposure measurements	No
Additional Field Engineering Service	No
Number of Days	N/A
Justification	N/A

# Outside 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 Quarterly reporting -Atty Preparation and submittal of the FCC required quarterly report 387 by the attorney. PM Reimbursable expenses Expenses in quotes that are reimbursable for travel and in field Per Diem

Other	Section	Question	Response
Expenses	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 Not Listed

**Expenses** Information not provided.

### Transmitters

### Cost Information

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

Description Interim Transmitter ULXTE-20	Predetermined Cost Estimate \$730,863.12	Estimated Cost \$690,463.12	Estimated Cost Justification	Actual Cost \$548,942.03	Actual Cost Justification
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
UHF inside RF system including switching	\$147,500.00	\$140,000.00	N/A	\$33,623.59	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
Switchgear - industrial 800 amp	\$38,200.00	\$30,000.00	Dropped estimated costs by \$6,300.	\$9,316.75	N/A
Primary Transmitter ULXTE-40	\$1,414,582.76	\$1,420,573.82		\$1,242,377.03	
Replace ARC remote control	\$10,209.89	\$10,209.89	Replace ARC remote control system. Costs per actual invoices from BURK.	\$10,209.89	N/A
Plumbing of the new transmitter cooling systems	\$22,570.00	\$22,570.00	plumber required to install the new transmitter cooling systems per PO20217	\$17,318.81	N/A
Sales Tax	\$61,880.85	\$61,880.85	Actual Sales tax est on mfg invoice	\$61,880.85	Actual taxes not calculated in original

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
Remove Filter and elevate unit	\$7,541.00	\$7,541.00	Costs to remove filter and elevate unit per actual invoices.	\$7,541.00	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
FRIEGHT	\$10,185.02	\$10,185.02	Actual FREIGHT- PER INV US0314196 and USO0319912	\$10,185.02	N/A
Transmitter Training	\$3,300.00	\$3,300.00	Transmitter training - offsite - 1 week in duration at mfg site.	N/A	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
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
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 are actual per invoices attached plus associated change orders.

2" Rigid Conduit and Wiring (Cost per foot)	\$5,200.00	\$5,000.00	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
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
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$900,000.00	N/A	\$807,916.37	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
Sub-total	\$2,145,445.88	\$2,111,036.94	N/A	\$1,791,319.06	N/A
Total for all systems	\$3,862,867.39	\$3,874,654.93	N/A	\$2,861,216.10	N/A

### Components

Actual Information	
Description	File Name

Sales tax		
	Component Description:	WXOW-GATES-
		TAX-INV-
		US0314197
	Amount:	\$19,785.63
	Component Description:	WXOW- SALES
		tax - 33 percent
		payment per Q-
		61103. march 5th-
		Rounding error
		added 1 cent to
		request to match
	Amount:	the INV request. \$11,090.54
		ψττ,030.3 <del>4</del>
	Component Description:	WXOW-GATES-
		US0316088 LINE
	Amount:	TAX \$22,561.29
	Amount.	ΨΖΖ,501.23
FRIEGHT	Component Description:	WXOW-GATES-
	component Description.	INT INV
		US0316088 LINE
		FREIGHT
	Amount:	\$6,811.29
	Component Description:	WXOW-GATES-
		FREIGHT-INV-
		US314197
	Amount:	\$5,400.00
Transmitter Site Preparation	Component Deseriations	
Transmitter Site Preparation	Component Description:	WXOW- QCOMM - SITE PREP-INV
Transmitter Site Preparation	Component Description:	SITE PREP-INV QC18-034 - INT

UHF inside RF system including switching	Component Description: Amount:	WXOW-GATES- INV-US0314197- LINE C \$11,207.87
	Component Description: Amount:	WXOW-RF Switching Gates Quote G-61103 LINE C. RF Accessories- 2nd inv 1/3 \$11,207.86
	Component Description: Amount:	WXOW-RF Switching Gates Quote G-61103 LINE C. RF Accessories- dep inv 1/3 \$11,207.86
2" Rigid Conduit and Wiring (Cost per foot)	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. \$146,576.52
	Component Description:	WXOW-BORTON- CHILLER INV- 4805 - REMOVE VARIANCE
	Amount:	\$19,659.00

Component Description:	WXOW-GATES- INV US316088-
Amount:	LINE E INSTALL \$11,547.56
Component Description:	WXOW-GATES- TX-INV- US0314197- LINE
Amount:	A,B \$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

Switchgear - industrial 800		
amp	<b>Component Description:</b>	WXOW-GATES-
		INT- INV
		US0316088 LINE
		D ELEC
	Amount:	\$2,228.77
	Component Decemintion.	
	Component Description:	Gates-quote Q- 61103-INT
		Electrical switching- LINE D. 1/3 deposit
		per inv.
	Amount:	\$3,532.54
		<i></i>
	Component Description:	WXOW-GATES-
		INV-US0314197-
		LINE D
	Amount:	\$22.90
	Component Description:	Gates-quote Q-
	Component Description.	61103-INT
		Electrical switching-
		LINE D. 2nd 1/3
		payment
	Amount:	\$3,532.54
		ψ0,002.0 <del>1</del>

Component Description:	REVISION. See attached cover letter for justification to replace remote control system. INV 00068545, PO 20239 \$10,209.89
Component Description:	Replace the remote control system. BURK - INV 00068545 - PO 20239. Invoice includes sales tax not included on original PO. \$10,209.89
Component Description:	WXOW-BERNIE- PLUMBING FOR TX COOLERS- INV856698
	Amount: Component Description: Amount:

Component Description: Amount:	Gates - Main TX final invoice US 0319912 - sales tax - actual per state law. \$7,433.69
Component Description:	WXOW- GATES_MAIN-TX SALES TAX see inv and Q-61102 3- 30-added 1 cent to sales tax due to rounding error. Please delete the duplicate request. 4-2- please disregard or delete this submittal. N/A
Component Description: Amount:	WXOW-GATES- MAIN-INV- US0314196-TAX \$34,563.72
Component Description:	WXOW- GATES_MAIN-TX SALES TAX see inv and Q-61102. -3-30- USE THIS submittal. FINAL ANSWER3:41pm 4-2 corrected inv \$ amount Use this submittal and delete the other. \$19,883.44
	Amount: Component Description: Amount: Component Description: Amount:

Sales Tax

Transmitter Site Preparation		
	Component Description:	WXOW-QCOMM- SITE PREP - INV
		QC18-034 MAIN
	Amount:	\$6,500.00
Remove Filter and elevate		
unit	Component Description:	Cary - Invoice to
		repack WXOW
		filter removal - INV 18-790 - PO 20328
	Amount:	\$6,800.00
		φ0,000.00
	Component Description:	Cary - invoice to
		elevate unit. INV
		18-467 - PO 20482
	Amount:	\$741.00
Disconnect existing		
Transmitter	<b>Component Description:</b>	WXOW- DECOM-
		TX-INV QC18-058
	Amount:	\$23,500.00
FRIEGHT		
	<b>Component Description:</b>	Gates - Main tx -
		final invoice
		US0319912 -
		Freight actual amount - includes
		change order Q-
		79070
	Amount:	\$4,543.39
	Component Description:	WXOW-GATES-
		FREIGHT-INV-
	Amounti	US314196
	Amount:	\$5,641.63
Transmitter Training	Information not provided.	

Site Survey - TX		
	Component Description:	WXOW- QCOMM SURVEY INV- QC18-028
	Amount:	\$14,500.00
Electrical systems installation for new		
transmitters	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
	Amount:	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 "&". \$9,815,00
	Amount:	\$9,815.00

	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". \$10,871.00
	Component Description:	WXOW-P&T ELECTRICAL FOR TX - INV15770 - 10-11-18 - MATRIX AND NAME \$77,618.00
	Component Description: Amount:	WXOW- PAND T ELECTRIC - TX- INV 15885 - 10-11- 18 MATRIX AND NAME \$4,680.00
25 Ton system	Component Description: Amount:	WXOW BERNIE - HVAC INV 857343 \$29,740.00
	Component Description:	WXOW - Bernie - LP Heat for tx room - INV 862524 - PO 20624. See cover sheet for justification about why LP Heat system was required. \$8,053.00

Component Description: Amount:	WXOW BERNIE HVAC INV 858777 \$16,131.67
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. \$4,359.30
Component Description: Amount:	11/27 Rev WXOW BERNIE HVAC INV 858171 PO 20296. See cover sheet and letter from vendor for explanations. \$27,301.66
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. \$16,131.67

	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
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Transformer 3 phase/480v - 300 KVA	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. 4- 3- Process this corrected submittal. UPLOADED QUOTE AND INV ZEROED BAD REQUEST
	Amount:	\$2,848.75

Amount:	TX - INV GO10004742-1 - Line D only. Previously denied. See cover sheet for justification for this amount (highlighted in pink). INV GO10004742-1 \$2,848.74
Component Description: Amount:	GATES-MAIN TX- WXOW -See quote Q-61102 LINE D is ELECTRIC parts. 1 /3 deposit required. \$2,848.74
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. N/A
Component Description: Amount:	Gates - Main tx - final invoice US0319912 - Line C only. Q-61102, PLUS Change order Q-79070 \$39,318.22
	Component Description: Amount: Amount: Amount: Component Description:

Component Description:	GATES-MAIN TX RF Switching- quote Q-61102 - LINE is C or 2nd payment 4-3- Process this corrected submittal. UPLOADED QUOTE AND INV ZEROED BAD REQUEST \$17,059.47
Component Description: Amount:	GATES-MAIN TX RF Switching- quote Q-61102 - LINE is C or 1/3 deposit required. \$17,059.47
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. \$17,059.47
Component Description:	-4-2- please delete this request
Amount:	N/A

JHF - Liquid Cooled Solid State Transmitter 21 - 31 W	Component Description:	Gates - FINAL inv US0319912 - Q- 61102 - Change order Q-79070 -
	Amount:	LINES A, B, E only \$64,264.75
	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:	2nd Payment - WXOW -MAIN TX. QUOTE- Q-61102- LINES A,B and E is \$269,305.46 4-3- please use this
	Amount:	submittal \$269,305.46
	Component Description:	WXOW-GATES- MAIN-INV- US0314196-LINE A,B
	Amount:	\$205,040.70
	Component Description:	WXOW -MAIN TX. 4-2- please use
	Amount:	other submittal N/A
Service entrance 3 phase /800 amp/208 volt	Information not provided.	

#### Antennas

### Cost Information

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 Antenna TFU-8WB	\$322,290.00	\$306,800.00		\$104,185.10	
FREIGHT	\$6,000.00	\$6,000.00	FREIGHT FROM MFG TO STAGING OR STATION. MAY HAVE MULTIPLE SHIPPERS	\$5,645.30	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
Combiner output splitting /switching for dual feed lines, if applicable	\$126,000.00	\$120,000.00	N/A	N/A	N/A

New combiner, cost per channel (without antenna)	\$84,200.00	\$80,000.00	N/A	\$49,777.80	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	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	\$40,432.50	N/A
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	\$10,950.00	\$10,400.00	N/A	\$8,329.50	N/A
Primary Antenna TFU-18GTH	\$287,680.00	\$286,160.00		\$235,444.51	
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if	\$10,950.00	\$10,400.00	N/A	\$9,110.70	N/A

UHF - High Power Top Mount One Station antenna elliptically or circularly polarized	\$270,000.00	\$270,000.00	Entered Catalog of Costs dollar amount. The Predetermined did not auto complete for the Primary antenna. To alleviate the situation add the CofC to the EST cost column. We do not have any upgrade costs at the time of the filing.	\$220,573.81	N/A
Sweep test of existing antenna	\$6,730.00	\$5,760.00	Includes Test Antenna system for frequency and Time domain response. Costs per actual invoices.	\$5,760.00	N/A
Sub-total	\$609,970.00	\$592,960.00	N/A	\$339,629.61	N/A
Total for all systems	\$3,862,867.39	\$3,874,654.93	N/A	\$2,861,216.10	N/A

Actual Information	
Description	File Name

FREIGHT		
	Component Description:	WXOW-DIE- FREIGHT - INV 170007
	Amount:	\$1,190.30
	Component Description:	WXOW- DIELECTRIC- INTERIM - FREIGHT INV 93053 - 3-28- uploaded Order Confirmation- 405002 \$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 high power antennas (if not included in antenna base cost)	Information not provided.	
Combiner output splitting /switching for dual feed lines, if applicable	Information not provided.	
New combiner, cost per channel (without antenna)	Component Description:	WXOW - Dielectric - Combiner final invoice - INV 198012 - PO
	Amount:	20167 \$25,731.30
	Component Description:	WXOW- DIE- COMBINER INV
	Amount:	MAN00400 \$24,046.50
Sweep test of existing antenna	Information not provided.	

UHF . Broadband Slot, Side Mount, 8 bay, 20 kW input, directional, horizontally polarized	Component Description: Amount:	WXOW - INTERIM ANTENNA 45% DEPOSIT \$20,216.25
	Component Description: Amount:	WXOW-ANT- INTERIM-2nd 45 percent -INV MAN00115-line 20 \$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 \$4,492.50

Elbow complex, broadband,		
at antenna input, per 4 1/16. eedline (if needed)	<b>Component Description:</b>	DIELECTRIC-
		WXOW-INTERIM-
		ELBOW-
		BALANCE INV
		LINE 16- 3-28-
		UPLOADED -
		Order Conf
		405002 - 10-11-18
		UPLOADED NEW
	Amount:	\$925.50
	<b>Component Description:</b>	WXOW-INTERIM
		ELBOW DEPOSIT
		LINE #18
	Amount:	\$4,164.75
	Component Description:	WXOW-ELBOW-
		line18- 2nd 45
		percent due-
	Amount:	\$4,164.75

Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	Component Description:	WXOW- DIELECTRIC- ELBOW - 45% INV LINES # 5 AND 6 4-5- UPLOADED UPGRADE AND
		PO
	Amount:	\$4,555.35
	Component Description:	WXOW- ELBOW 10% DEPOSIT FOR LINES #5
		AND 6
	Amount:	\$1,012.30
	Component Description:	ELBOW - 35% DEPOSIT INV LINES # 5 AND 6 ONLY
	Amount:	\$3,543.05
	1	

UHF - High Power Top Mount One Station antenna elliptically or circularly polarized	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:	WXOW-MAIN ANTENNA 45 PERCENT INV LINES #1,3, AND 4. 4-5-UPLOADED UPGRADE AND PO 4-17-RFAS- uploaded Cover Letter and PO 19944 and 19952
	Amount:	\$111,552.53
	Component Description: Amount:	MAIN ANTENNA 35% DEPOSIT INV - LINES #1,3 AND 4. \$84,794.33

ponent Description: unt: ponent Description:	SWEEP 35% DEPOSIT INV LINE#26 \$2,240.00 WXOW-SWEEP TEST 10% DEPOSIT INV LINE #26
ponent Description:	LINE#26 \$2,240.00 WXOW-SWEEP TEST 10% DEPOSIT INV
ponent Description:	\$2,240.00 WXOW-SWEEP TEST 10% DEPOSIT INV
ponent Description:	WXOW-SWEEP TEST 10% DEPOSIT INV
	TEST 10% DEPOSIT INV
	TEST 10% DEPOSIT INV
	DEPOSIT INV
	LINE #26
unt:	\$640.00
ponent Description:	WXOW-MAIN
	ANTENNA-
	SWEEP
	45PERCENT INV
	LINES #26 4-5-
	UPLOADED
	UPGRADE AND
	PO
unt:	\$2,880.00
	ponent Description:

# **Transmission Line**

### Cost Information

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		\$90,057.94	
Rigid Transmission Line - copper, 4 1 /16"	\$127,800.00	\$121,500.00	N/A	\$90,057.94	N/A
Primary Transmission Line	\$157,800.00	\$151,500.00		\$104,573.24	
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
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

Rigid Transmission Line - copper, 4 1 /16"	\$127,800.00	\$121,500.00	N/A	\$92,073.24	N/A
Sub-total	\$285,600.00	\$273,000.00	N/A	\$194,631.18	N/A
Total for all systems	\$3,862,867.39	\$3,874,654.93	N/A	\$2,861,216.10	N/A

Actual Information Description	File Name	
Rigid Transmission Line - copper, 4 1/16"	Component Description:	WXOW-INTERIM TX LINE- 2nd 45percent inv - LINE 2 and 21
	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:	WXOW-DIE-LINE- SECTION REPLACEMENT- INV-162026
	Amount:	\$1,141.00
	Component Description:	WXOW-INTERIM TX LINE DEPOSIT 45% LINE #2
	Amount:	43 % LINE #2 \$44,458.47
Securirty - Site	Information not provided.	

Disconnect existing Interior RF components	Component Description: Amount:	WXOW- DECOMM RF - INV QC18-058 \$12,500.00
Rigid Transmission Line - copper, 4 1/16"	Component Description:	TX LINE 35% DEPOSIT INV FOR
		LINE #7
	Amount:	\$35,806.26
	Component Description:	WXOW-
		DIELECTRIC-TX
		LINE 45% INV FOR
		LINE #7 4-5-
	Amount:	UPGRADE AND PO \$46,036.62
	Component Description:	WXOW- TX LINE
	component Description:	10% DEPOSIT
		LINE #26
	Amount:	\$10,230.36

# **Tower Equipment and Rigging Costs**

#### Cost Information

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	\$381,100.00	\$474,741.48		\$319,641.48	
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$6,900.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	N/A	N/A
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
Sub-total	\$381,100.00	\$474,741.48	N/A	\$319,641.48	N/A
Total for all systems	\$3,862,867.39	\$3,874,654.93	N/A	\$2,861,216.10	N/A

Component Description: Amount:	WXOW-TOWER RIG ANALYSIS- FORD-INV205618 \$1,200.00
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. \$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. \$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. \$1,900.00
Minor tower reinforcement /modifications	Information not provided.	

Tall Tower (greater than
500')

Component Description:       Precision         Communications       Communications         Tower work, 4th       invoice, see cover         sheet for additional       information.         Amount:       \$109,981.48	I
Component Description:PCI - Provide & install Vari-Grip for Guy Wire termination - INV 7522 - PO 20534Amount:\$3,500.00	
Component Description:WXOW-PCI- TOWER DEP REIMBURSABLE NOW THAT CREV ON SITE-INV7240Amount:\$50,000.00	
Component Description: WXOW-PCI- ARRIVAL INV 733 Amount: \$99,630.00	0
Component Description: WXOW-PCI- ON SITE INSTALLING ANT AND LINE - INV 7312 Amount: \$49,630.00	i
,	

# **Outside Professional Services**

### Cost Information

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 Justifica
Outside Professional Services	\$354,271.51	\$337,001.51		\$211,872.57	
PM Reimbursable expenses	\$13,408.00	\$13,408.00	PM - infield travel and Per Diem reimbursable expenses	\$9,878.42	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
General Repack Attorney	\$10,165.51	\$10,165.51	see uploaded memo from Brooks Pierce- QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399	\$9,974.65	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$7,000.00	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.	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	\$4,162.00	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	\$3,700.00	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
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
Project management of the transition	\$205,558.00	\$195,178.00	CO - DUE TO ADDITIONAL SERVICES FOR INTERIM ENGINEERING DESIGN AND AND PM AND LENGTH OF TIME REQUIRED BY TOWER CREW AND HVAC AND PLUMBING	\$180,562.50	N/A

Sub-total	\$354,271.51	\$337,001.51	N/A	\$211,872.57	N/A
Total for all systems	\$3,862,867.39	\$3,874,654.93	N/A	\$2,861,216.10	N/A

Actual Information Description	File Name	
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
	Amount:	QC18-049 \$2,378.42
Quarterly reporting -Atty	Information not provided.	
General Repack Attorney		
	Component Description:	WXOW-BROOKS- JUNE18- INV3954663
	Amount:	\$1,287.00
	Component Description:	WXOW-BROOKS- MAY18-INV3953760
	Amount:	\$2,788.50

Component Description: Amount:	Brooks Repack Legal services for period ending Nov '17; Inv 3946861 \$94.00
Component Description:	WXOW - Brooks - General Repack Legal Services for period ending April 30, 2018. INV 3952584. \$28.28 is WXOW portion of total invoice. \$28.28
Component Description:	WXOW - Brooks - General Repack Legal Services for period ending March 31, 2018. INV 3951201. \$28.29 is WXOW portion of total invoice. \$28.29
Component Description: Amount:	Brooks Repack Legal Services period ending Dec '18; Inv 3961874 \$33.00
Component Description: Amount:	Brooks Repack Legal Services period ending July '19; Inv 3970200 \$52.00

Component Description:	WXOW - Brooks - General Repack Legal Services for period ending January 31, 2018. INV 3949059. \$35.36 is WXOW portion of total invoice. \$35.36
Component Description:	WXOW Brooks General Repack Legal Services for period ending July 31, 2017. INV 3942230. \$275 is WXOW portion of total invoice \$275.00
Component Description: Amount:	Brooks Repack Legal Services period ending Oct '17; Inv 3945574 \$282.00
Component Description: Amount:	Brooks Repack legal services period ending Dec '17; Inv 3947921 \$263.00
Component Description:	WXOW - Brooks - General Repack Legal for period ending May 31, 2017. INV 3940170 \$190.85 is WXOW portion of total invoice \$190.86

Component Description: Amount:	WXOW-LEGAL INV- 3951197 FOR MAR18 WORK \$792.00
Component Description: Amount:	WXOW-BROOKS- OCT18- INV 3959630 \$363.00
Component Description: Amount:	WXOW-LEGAL INV 3950147 FEB 18 WORK \$49.50
Component Description:	11-6-19 WXOW - Brooks - General Repack Legal Services for period ending June 30, 2017. INV 3941325. \$266.44 is WXOW portion of total invoice \$266.44
Component Description: Amount:	Brooks -WXOW- NOV17- atty - inv \$221.57
Component Description: Amount:	Brooks-WXOW-atty- June17 inv \$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. \$40.29
Component Description:	WXOW - Brooks - General Repack Legal Services for period ending November 30, 2017. INV 3946865. \$221.57 is WXOW portion of total invoice. \$221.57
Component Description: Amount:	Brooks-WXOW- AUG17-inv \$117.85
Component Description: Amount:	WXOW-BROOKS- JAN-18 INV- 3949055 \$49.50
Component Description: Amount:	Brooks-WXOW- ATTY fees- SEPT17-inv \$80.57
Component Description: Amount:	WXOW-BROOKS AUG18 INV 3957120 \$49.50

	Component Description: Amount:	WXOW-BROOKS - INV3952580- APRIL18 \$1,798.50
	Component Description: Amount:	WXOW- BROOKS JUL18-INV 3955733 \$1,072.50
	Component Description: Amount:	Brooks-WXOW-atty -OCT17-inv \$322.28
	Component Description: Amount:	Brooks-WXOW-atty- July17 inv \$275.00
	Component Description: Amount:	WXOW-Brooks-atty -May17 \$190.85
	Component Description:	WXOW - Brooks - General Repack Legal Services for period ending February 28, 2018. INV 3950148. \$28.29 is WXOW portion of total invoice. \$28.29
Comprehensive coverage verification via field study, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	

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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: Amount:	LEGAL WXOW JUNE 2017 399 \$359.00
	Component Description: Amount:	LEGAL WXOW APRIL 2017 399 \$517.00
	Component Description:	LEGAL WORK FOR WXOW SEPT 17
	Amount: Component Description: Amount:	\$564.00 LEGAL WXOW 399 MAY 2017 \$453.00
	Component Description: Amount:	LEGAL WXOW JULY 2017 -399 \$1,846.00
	Component Description: Amount:	LEGAL WXOW AUG 2017 - 399 \$423.00

(main), License to Cover Application	Component Description:	Eng services to prepare Form 2100; 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 "&". \$525.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	ENGR-WXOW-CP APP- LOHNES \$1,970.00
Perform engineering study for new channel assignment and antenna development	Component Description: Amount:	WXOW-LOHNES- MAP- INV201803- 0275-08-64549 \$700.00
	Component Description: Amount:	ENGR-WXOW- NEW CHANNEL STUDY - 399 \$3,000.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	Information not provided.	
Prepare request for Special Temporary Authorization	Component Description:	WXOW-LOHNES- STA-INV201805- 0275-08-64549

Project management of the transition	Component Description:	WXOW- PM AUG- NOV18- INV QC19- 017
	Amount:	\$15,375.00
	Component Description:	WXOW-QCOMM- PM-INV QC17-145 - REPLACED PREVIOUS SUBMITAL- INV QC17-133 - PLEASE DELETE- THIS IS FOR LINE ITEM 4004 \$17,137.50
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	Component Description:	WXOW-PM 4THRU7 18 INV QC18-068
	Amount:	\$98,730.00
	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-PM-SEPT- DEC-17 - INV- QC18-020
	Amount:	\$18,045.00
	Component Description:	WXOW-PM- 1THRU3-18 INVQC18-049
	Amount:	\$31,275.00

## **Other Expenses**

## Cost Information

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

Description	Predetermined	Estimated	Estimated Cost	Actual Cost	Actual Co
Description Other	Cost Estimate \$63,080.00	Cost \$62,515.00	Justification	Actual Cost \$4,122.20	Justificat
Expenses					
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	FCC required announcements.	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.	\$500.00	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.	\$672.20	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	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.	\$0.00	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
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,950.00	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
Sub-total	\$63,080.00	\$62,515.00	N/A	\$4,122.20	N/A
Total for all systems	\$3,862,867.39	\$3,874,654.93	N/A	\$2,861,216.10	N/A

## Components

Actual Information Description	File Name
MVPD Notification of Channel Change	Information not provided.

Equipment Storage		
	Component Description:	WXOW-CASEYS- 1ST QTR-
		STORAGE AND
		FORKLIFT - INV
		1005. (revised
		attachment)
	Amount:	\$2,300.00
	Component Description:	WXOW- CASEYS-
	Component Description.	FORKLIFT - INV
		1010
	Amount:	\$500.00
Disposal Costs (for		
equipment and other	Component Description:	Roll off dumpster
waste, net of any salvage /alue)		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
	A	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: Amount:	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 "&". \$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 "&". \$93.60
	Component Description: Amount:	Trash service for debris from installation activities. INV M40002393520. \$10.95
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	

Equipment Delivery and Handling Charges	Component Description: Amount:	WXOW-CASEYS DELIVERY OF EQ FROM STAGING TO STATION INV1011 \$3,000.00
Develop and air announcement of upcoming channel change	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	WXOW- MED NOTICE- INV 1012 \$2,950.00
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,862,867.39	\$3,874,654.93	\$2,861,216.10

Reimbursem	entestiatus	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
	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.	
		<ol> <li>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> </ol>	
		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.	

- 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).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	BRADY DREASLER CORPORATE DIRECTOR OF ENGINEERING
	<ul> <li>entity certifies that it         <ul> <li>is in full compliance</li> <li>with all statutes,</li> <li>rules, regulations</li> <li>and governmental</li> <li>requirements for</li> <li>which compliance is</li> <li>a pre-requisite for</li> <li>obtaining the</li> <li>payments herein</li> <li>requested.</li> </ul> </li> </ul> I declare, under penalty of perjury, that I am <ul> <li>an authorized representative of the above-</li> <li>named applicant for the Authorization(s)</li> </ul>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR 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).	
		<ol> <li>The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> </ol>	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. 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.

<ul> <li>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</li> <li>9. The above-named</li> </ul>	
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 above- named applicant for the Authorization(s) specified above.	BRADY DREASLER CORPORATE DIRECTOR OF ENGINEERING

## Attachments