

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 Number:	000002	7498	2.3		
FRN: 003	30885057	Date Submitted:	05/22 /2020		

Applicant Name, Type, and Contact Information

Applicant 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 Na	me and Information		
Contact 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	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 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	e Service Entrance (3 phases 800A 208V)	Yes	
	Switchgear (industrial 800 amp) Transformer (480V) Power	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 Othe

Other Transmitter Cost Not Listed

Transr	nitter

Name	Description
Replace ARC remote control	Replace ARC remote control system
Sales Tax	Sales tax for eq
FRIEGHT	FREIGHT FROM MFG TO STAGING AREA
Transmitter Training	Transmitter training - offsite - 1 week in duration at mfg site.
Site Survey - TX	Site survey is required to be performed before the new transmitter and components installation plan can be finalized.

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.
Switch Installation Costs	Costs for labor to install switch
Transmitter Site Preparation	Site prep for installation of the interim and main transmitters and RF components not part of Installation SOW.
Plumbing of the new transmitter cooling systems	new transmitter cooling systems needs to be installed and decommed
Electrical systems installation for new transmitters	Electrician required to provide and install the equipment in preparation of the new transmitters electrical requirements.

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	
	Sales tax	sales tax for equipment	
	FRIEGHT	FREIGHT FROM MFG TO STAGING AREA	

Transmitter Site Preparation	Site prep for installation of the interim and
	main transmitters and RF components not part of Installation SOW.

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	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

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	
	Elbow Complex	Frequency	N/A	
		Do you need a combiner output splitter /switcher for dual feed lines?	N/A	
		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
AntennaOther Antenna Cost Not ListedInformation 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

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 Transmissio	Existing Transmission Line			
	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			
		Type of change Modify Existin Tower Use Primar (Main) Description of Use N/A Ownership Owner 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? Unknow ASR Number 103514 Latitude (NAD83) 991° 2 03.0° V Overall Structure Height 819.22 Support Structure Height 763.44				
		Is this tower consider Complex?	No			
			Yes			
		Type of changeModify ExistingTower UsePrimary (Main)Description of UseN/AOwnershipOwnedIs this tower consider Complex?NoIs this tower currently shared with any other stations?YesOne or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersYesIs tower documented for structural analysis?YesIs tower compliant with Rev G?UnknowDo you have a tower registration number?YesASR Number103514Latitude (NAD83)30° VOverall Structure Height819.22Support Structure Height763.44Ground Elevation Above Mean Sea Level1225.7				
		Others Types of Users	Yes			
		Type of change Modify Tower Use Primary 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? Unknow Mage ASR Number 103514 ASR Number 103514 3.0° W Overall Structure Height 819.22 3.0° W Support Structure Height 763.44 763.44				
		Is tower compliant with Rev G?	Modify Existing Primary (Main) N/A Owned No Ves Yes Yes Yes Yes Yes Unknown Yes 1035149			
	Existing Tower Structure	Do you have a tower registration number? Yes	Yes			
	Registration	ASR Number	Modify Existing Primary (Main) N/A Owned Owned No Yes Yes Yes Yes Yes Yes Yes Unknown Yes 1035149 Yes 1035149 Sig 9091° 22' 03.0" N- 819.22 feet Sig 9763.44 feet			
	Coordinates (NAD83 (North American Datum of	Latitude (NAD83)				
	1983))	Longitude (NAD83)				
		Description of UseN/AOwnershipOwnedIs this tower consider Complex?NoIs this tower currently shared with any other stations?YesOne or more FM, AM or TV radio broadcaster(s)YesOthers Types of UsersYesIs tower documented for structural analysis?YesIs tower compliant with Rev G?UnknownDo you have a tower registration number?YesASR Number1035149Latitude (NAD83)991° 22' 03.0" N-Overall Structure Height819.22 feSupport Structure Height763.44 feGround Elevation Above Mean Sea Level1225.71				
		Support Structure Height	763.44 feet			
			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	Question	Response
	Tower Rigging Costs	Complex Tower	N/A

Other Tower Expenses Not Listed Primary Tower

Information not provided.

Outside Professional	Section	Question	Response			
	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

Other Expenses	Other Expenses Not Listed	
	Name	Description Costs to repair parking lot after repack activities due to heavy equipment
	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.

Transmitters

Cost Information

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

Description Interim	Predetermined Cost Estimate \$730,863.12	Estimated Cost \$690,463.12	Estimated Cost Justification	Actual Cost \$548,942.03	Actual Cost Justification
Transmitter ULXTE-20					
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
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
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
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
Switchgear - industrial 800 amp	\$38,200.00	\$30,000.00	Dropped estimated costs by \$6,300.	\$9,316.75	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	\$1,426,582.76	\$1,432,573.82		\$1,254,352.03	
Switch Installation Costs	\$12,000.00	\$12,000.00	Per quote attached to INV QC20- 305	\$12,000.00	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
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

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.	\$7,516.00	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
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 Training	\$3,300.00	\$3,300.00	Transmitter training - offsite - 1 week in duration at mfg site.	N/A	N/A

FRIEGHT	\$10,185.02	\$10,185.02	Actual FREIGHT- PER INV US0314196 and USO0319912	\$10,185.02	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 quote.
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
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.
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A

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
Sub-total	\$2,157,445.88	\$2,123,036.94	N/A	\$1,803,294.06	N/A
Total for all systems	\$3,919,317.39	\$3,931,104.93	N/A	\$2,920,831.96	N/A

Components

Actual Information Description	File Name	
Transmitter Site Preparation		
	Component Description:	WXOW- QCOMM -
		SITE PREP-INV
		QC18-034 - INT
	Amount:	\$4,000.00

RIEGHT		
	Component Description:	WXOW-GATES-
		FREIGHT-INV- US314197
	Amount:	\$5,400.00
	Amount:	\$5,400.00
	Component Description:	WXOW-GATES-
		INT INV
		US0316088 LINE
		FREIGHT
	Amount:	\$6,811.29
Sales tax		
	Component Description:	WXOW-GATES-
		TAX-INV-
	A maximti	US0314197
	Amount:	\$19,785.63
	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

UHF inside RF system including switching		
including officining	Component Description:	WXOW-GATES-
		INV-US0314197-
		LINE C
	Amount:	\$11,207.87
	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
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	

Switchgear - industrial 800		
amp	Component Description:	Gates-quote Q- 61103-INT Electrical switching- LINE D. 2nd 1/3 payment
	Amount:	\$3,532.54
	Component Description:	WXOW-GATES- INT- INV US0316088 LINE D ELEC
	Amount:	\$2,228.77
	Component Description:	WXOW-GATES- INV-US0314197- LINE D
	Amount:	\$22.90
	Component Description:	Gates-quote Q- 61103-INT Electrical switching- LINE D. 1/3 deposit per inv.
	Amount:	\$3,532.54
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: Amount:	WXOW-BORTON- CHILLER INV- 4805 - REMOVE VARIANCE \$19,659.00
	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. \$146,576.52
	Component Description:	WXOW- CORY- MASK FILTER
	Amount:	STAND-INV-18-451 \$2,150.00
	Component Description:	WXOW-GATES- INV US316088- LINE E INSTALL
	Amount:	\$11,547.56
	Component Description:	WXOW-GATES- TX-INV- US0314197- LINE A,B
	Amount:	\$135,028.97
Switch Installation Costs		
	Component Description: Amount:	Costs to install switch - QComm - INV QC20-305 \$12,000.00
Electrical systems installation for new		

Component Description: Amount:	WXOW- PAND T ELECTRIC - TX- INV 15885 - 10-11- 18 MATRIX AND NAME \$4,680.00
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:	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:	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 writter
	Amount:	as "and". \$10,871.00
	Component Description:	WXOW-P&T ELECTRICAL FOF TX - INV15770 - 10-11-18 - MATRIX AND NAME
	Amount:	\$77,618.00
Plumbing of the new		
transmitter cooling systems	Component Description:	WXOW-BERNIE- PLUMBING FOR TX COOLERS-
	Amount:	INV856698 \$17,318.81
Transmitter Site Preparation		
	Component Description:	WXOW-QCOMM-
		SITE PREP - INV QC18-034 MAIN

Remove Filter and elevate unit		
unit	Component Description:	Revised Cary - invoice to elevate unit. INV 18-467 - PO 20482
	Amount:	\$716.00
	Component Description:	Cary - Invoice to repack WXOW filter removal - INV 18-790 - PO 20328
	Amount:	\$6,800.00
Disconnect existing Transmitter		
Tanomiter	Component Description:	WXOW- DECOM- TX-INV QC18-058
	Amount:	\$23,500.00
Site Survey - TX		
	Component Description:	WXOW- QCOMM SURVEY INV- QC18-028
	Amount:	\$14,500.00
Transmitter Training	Information not provided.	
FRIEGHT		
	Component Description:	Gates - Main tx - final invoice US0319912 - Freight actual amount - includes change order Q- 79070
	Amount:	\$4,543.39
	Component Description:	WXOW-GATES- FREIGHT-INV- US314196
	Amount:	\$5,641.63

Sales	Тах
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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:	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
Component Description:	WXOW-GATES- MAIN-INV- US0314196-TAX
Amount:	\$34,563.72

Replace ARC remote		
control	Component Description:	REVISION. See attached cover letter for justification to replace remote control system. INV 00068545, PO 20239
	Amount:	\$10,209.89
	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
25 Ton system		
	Component Description:	WXOW BERNIE - HVAC INV 857343
	Amount:	\$29,740.00
	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 - 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:	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: Amount:	WXOW BERNIE HVAC INV 858777 \$16,131.67
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Transformer 3 phase/480v - 300 KVA	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-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
	Component Description:	WXOW-GATES- MAIN-INV- US0314196-LINE D
	Amount:	\$2,848.75

	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:	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 \$2,848.74
Switchgear - industrial 800		
amp	Component Description:	Gates - Main tx - final invoice US0319912 - Line C only. Q-61102, PLUS Change order Q-79070 \$39,318.22
	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:	Gates Air - Main TX - 1st invoice GO10004742-1 - RF components - previously denied. See attached cover letter for justification that this amount is not
Amount:	a duplicate. \$17,059.47
Component Description:	GATES-MAIN TX RF Switching- quote Q-61102 - LINE is C or 1/3 deposit required.
Amount:	\$17,059.47
Component Description:	-4-2- please delete this request
Amount:	N/A

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description: Amount:	Gates - FINAL inv US0319912 - Q- 61102 - Change order Q-79070 - LINES A, B, E only \$64,264.75
	Component Description: Amount:	WXOW-GATES- MAIN-INV- US0314196-LINE A,B \$205,040.70
	Component Description: Amount:	2nd Payment - WXOW -MAIN TX. QUOTE- Q-61102- LINES A,B and E is \$269,305.46 4-3- please use this submittal \$269,305.46
	Component Description: Amount:	WXOW -MAIN TX. 4-2- please use other submittal N/A
	Component Description: Amount:	1/3 DEPOSIT REQUIRED -MAIN TX. QUOTE- Q- 61102-LINES A,B and E is \$269,305.46 \$269,305.46

Antennas

Cost Information

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 \$322,290.00	Estimated Cost \$306,800.00	Estimated Cost Justification	Actual Cost \$104,185.10	Actual Cost Justification
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

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
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
Primary Antenna TFU-18GTH	\$287,680.00	\$286,160.00		\$235,444.51	
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

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
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	\$10,950.00	\$10,400.00	N/A	\$9,110.70	N/A
Sub-total	\$609,970.00	\$592,960.00	N/A	\$339,629.61	N/A
Total for all systems	\$3,919,317.39	\$3,931,104.93	N/A	\$2,920,831.96	N/A

Actual Information	
Description	File Name

FREIGHT		
	Component Description:	WXOW-DIE- FREIGHT - INV
	Amount:	170007 \$1,190.30
	Component Description:	WXOW- DIELECTRIC- INTERIM - FREIGHT INV 93053 - 3-28- uploaded Order Confirmation-
	Amount:	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.	

Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	Component Description: Amount:	WXOW-INTERIM ELBOW DEPOSIT LINE #18 \$4,164.75
	Component Description: Amount:	WXOW-ELBOW- line18- 2nd 45 percent due- \$4,164.75
	Component Description:	DIELECTRIC- WXOW-INTERIM- ELBOW- BALANCE INV LINE 16- 3-28- UPLOADED - Order Conf 405002 - 10-11-18 UPLOADED NEW \$925.50
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 20167
	Amount:	\$25,731.30
	Component Description: Amount:	WXOW- DIE- COMBINER INV 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

Sweep test of existing		
nterina	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: Amount:	MAIN ANTENNA 35% DEPOSIT INV - LINES #1,3 AND 4. \$84,794.33
	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 \$111,552.53
	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. \$24,226.95

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

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	
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

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	\$3,919,317.39	\$3,931,104.93	N/A	\$2,920,831.96	N/A

Actual Information Description	File Name	
Rigid Transmission Line - copper, 4 1/16"	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:	WXOW-INTERIM TX LINE- 2nd 45percent inv - LINE 2 and 21
	Amount:	\$44,458.47
	Component Description:	WXOW-DIE-LINE- SECTION REPLACEMENT- INV-162026
	Amount:	\$1,141.00

Disconnect existing Interior RF components	Component Description: Amount:	WXOW- DECOMM RF - INV QC18-058 \$12,500.00
Securirty - Site	Information not provided.	
Rigid Transmission Line - copper, 4 1/16"	Component Description:	TX LINE 35% DEPOSIT INV FOR LINE #7
	Amount:	\$35,806.26
	Component Description: Amount:	WXOW- DIELECTRIC-TX LINE 45% INV FOR LINE #7 4-5- UPLOADED UPGRADE AND PO \$46,036.62
	Component Description:	WXOW- TX LINE 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	
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	\$3,919,317.39	\$3,931,104.93	N/A	\$2,920,831.96	N/A

Actual Information	
Description	File Name

Tall Tower (greater than		
500')	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
	Amount:	7522 - PO 20534 \$3,500.00
	Component Description:	WXOW-PCI- ON SITE INSTALLING ANT AND LINE - INV 7312
	Amount:	\$49,630.00
	Component Description:	WXOW-PCI- TOWER DEP REIMBURSABLE NOW THAT CREW
	Amount:	ON SITE-INV7240 \$50,000.00
	Component Description:	WXOW-PCI- ARRIVAL INV 7330
	Amount:	\$99,630.00
Minor tower reinforcement /modifications	Information not provided.	
Structural engineering tower load study for well documented tower		

	uted for "&" in ndor Name.
Ford - I Tower Design 194394 NOTE: name is Paul J. Compa tool do special "and" h substitu	- PO 19810. Vendor s actually Ford & ny. Since the es not allow characters, as been uted for "&" in ndor Name

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 Departinties	
Component Description:	WXOW-TOWER RIG ANALYSIS-
	FORD-INV205618
Amount:	\$1,200.00

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	\$354,323.51	\$337,053.51		\$212,115.43	
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	\$10,217.51	\$10,217.51	see uploaded memo from Brooks Pierce- QMI Repack Invoice Memo for Shared Legal Expenses (Matter 104411 00054) for Form 399	\$10,217.51	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A

Attorney Fees - 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/.
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,162.00	N/
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	\$1,100.00	N/

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$525.00	Ν
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,970.00	Ν
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$3,700.00	Ν
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	Ν
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	Ν

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	\$180,562.50	N/A
			HVAC AND PLUMBING		
Sub-total	\$354,323.51	\$337,053.51	N/A	\$212,115.43	N/A
Total for all systems	\$3,919,317.39	\$3,931,104.93	N/A	\$2,920,831.96	N/A

Actual Information Description	File Name	
PM Reimbursable expenses	Component Description: Amount:	WXOW- PM - AUG- NOV-18 TRAVEL- INV QC19-017 \$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: Amount:	WXOW-LEGAL INV- 3951197 FOR MAR18 WORK \$792.00
Component Description: Amount:	WXOW-BROOKS- JUNE18- INV3954663 \$1,287.00
Component Description: Amount:	WXOW-BROOKS- MAY18-INV3953760 \$2,788.50
Component Description: Amount:	Brooks Repack Legal services for period ending Nov '17; Inv 3946861 \$94.00
Component Description: Amount:	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 July 31, 2017. INV 3942230. \$275 is WXOW portion of total invoice \$275.00

Component Description: Amount:	WXOW - Brooks - Gen Legal Jan 2020 - INV 3977754 \$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. \$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:	Revised invoice with cover letter. Brooks INV 3940170. Legal
Amount:	May '17 \$190.86

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: Amount:	Brooks-WXOW-atty- July17 inv \$275.00
Component Description: Amount:	WXOW-LEGAL INV 3950147 FEB 18 WORK \$49.50
Component Description: Amount:	WXOW-BROOKS- OCT18- INV 3959630 \$363.00
Component Description: Amount:	WXOW- BROOKS JUL18-INV 3955733 \$1,072.50
Component Description: Amount:	Brooks Repack Legal Services period ending Oct '17; Inv 3945574 \$282.00

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	: 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	: 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-atty- June17 inv \$266.44
Component Description Amount:	: WXOW-BROOKS - INV3952580- APRIL18 \$1,798.50

Component Description: Amount:	WXOW-BROOKS AUG18 INV 3957120 \$49.50
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
Component Description: Amount:	Brooks Repack legal services period ending Dec '17; Inv 3947921 \$263.00
Component Description: Amount:	Brooks-WXOW-atty -OCT17-inv \$322.28
Component Description: Amount:	WXOW-BROOKS- JAN-18 INV- 3949055 \$49.50
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: Amount:	Brooks-WXOW- AUG17-inv \$117.85
	Component Description: Amount:	WXOW-Brooks-atty -May17 \$190.85
	Component Description: Amount:	Brooks-WXOW- ATTY fees- SEPT17-inv \$80.57
	Component Description: Amount:	Brooks -WXOW- NOV17- atty - inv \$221.57
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: Amount:	LEGAL WXOW JUNE 2017 399 \$359.00
	Component Description: Amount:	LEGAL WXOW AUG 2017 - 399 \$423.00
	Component Description: Amount:	LEGAL WXOW 399 MAY 2017 \$453.00
	Component Description: Amount:	LEGAL WXOW APRIL 2017 399 \$517.00
	Component Description: Amount:	LEGAL WXOW JULY 2017 -399 \$1,846.00
	Component Description:	LEGAL WORK FOR WXOW SEPT 17 \$564.00
Prepare request for Special Temporary Authorization	Amount: Component Description:	\$564.00 WXOW-LOHNES- STA-INV201805- 0275-08-64549
	Amount:	\$1,100.00

Prepare engineering section of FCC Form 2100 (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:	WXOW-LOHNES- MAP- INV201803- 0275-08-64549. NOTE: Vendor name is Lohnes & Culver; "and" was substituted for special character "&". \$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.	

Project management of the transition		
	Component Description:	WXOW- PM AUG- NOV18- INV QC19-
		017
	Amount:	\$15,375.00
	Component Description:	WXOW-PM-
		1THRU3-18 INVQC18-049
	Amount:	\$31,275.00
		¥01,210.00
	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:	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
	Amount	ITEM 4004
	Amount:	\$17,137.50

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 Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Co Justificat
Other Expenses	\$107,478.00	\$106,913.00		\$51,520.20	
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
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.	\$500.00	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.	\$3,000.00	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
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	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

Sub-total	\$107,478.00	\$106,913.00	N/A	\$51,520.20	N/A
Total for all systems	\$3,919,317.39	\$3,931,104.93	N/A	\$2,920,831.96	N/A

Components

Description	File Name	
Repair of lot		
	Component Description:	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
	Amount:	\$44,398.00
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming 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 FORKLIFT - INV 1010
	Amount:	\$500.00

Equipment Delivery and		
Handling Charges	Component Description:	Equipment delivery - Caseys - INV 1015
	Amount:	\$650.00
	Component Description:	Equipment delivery to site - Caseys - INV 1016
	Amount:	\$1,000.00
	Component Description:	Equipment delivery from storage to site on 4/26/18 and 5/11 /18. Caseys INV 1011
	Amount:	\$3,000.00
	Component Description:	WXOW-CASEYS DELIVERY OF EQ FROM STAGING TO STATION INV1011
	Amount:	\$3,000.00
DTV Medical Facility Notification	Component Description:	WXOW- MED
	Amount:	NOTICE- INV 1012 \$2,950.00
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
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 "&". \$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 "&". \$264.64
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:	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 specia
	characters, so
	"and" was
	substituted for "&".
Amount:	\$209.41
Component Description:	Trash service for
component Description.	debris from
	installation
	activities. INV
A	M40002393520.
Amount:	\$10.95

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,919,317.39	\$3,931,104.93	\$2,920,831.96

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.	
		 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.	

- 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.

 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

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).	
		 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. 	
		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.

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 above- named applicant for the Authorization(s) specified above.	BRADY DREASLER CORPORATE DIRECTOR OF ENGINEERING

Attachments