

Federal Communications Commission

#### (REFERENCE COPY - Not for submission)

### FCC Form 399: Reimbursement Request

Facility	<b>1104</b>	Service: DCA		WCBZ-CD	Channel: 18 (UHF)
ID:			Sign:		
File	000002	8282			
Number:					
FRN: <b>00</b> '	18086967	Date	10/07		
		Submitted:	/2019		

#### Applicant Name, Type, and Contact Information

#### Applicant Information

Applicant	Address	Phone	Email	Applicant Type
Columbus Broadcasting Corporation Doing Business As: Columbus Broadcasting Corporation	Mark Hiner PO Box 325 Etna, OH 43018 United States	+1 (614) 547-1722	mark@yourtv22. com	Corporation

#### 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
	The Preparer is same as the reimbursement contact.	Address Pho		

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	WMNO intends to move it's transmitter site to another location as the present tower owner will not agree to the tower mods required in order for WMNO to be in compliance with EIA 222G.

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

Primary	Existing Transmitter Information					
Transmitter	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	DCA5000			
		Year	2015			
		Туре	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power Capacity	0.5 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?	Yes			
		Manufacturer				
		Model	TRN-5X-U- 38-C			
		Transmitter Type	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power capacity	3.3 kW			
		Justification for New Transmitter	Existing transmitter cannot be converted to repacked channel per manufacturer as the supplier no longer sells or has equipment to directly replace the existing transmitter.			

## Primary Other Transmitter Costs

Transmitter	Section	Question	Response
	Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
		Switchgear (industrial 800 amp)	Yes
		Transformer (480V)	No

	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	30.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Heating and Cooling
	Size	5 tons
	Other Size	N/A tons
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	Yes
	Size	100.0 square feet
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

**Transmitter** Information not provided.

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

Primary	Existing 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 the existing antenna shared with another station or stations?	No			
		Is the existing antenna directional?	Yes			
		Is antenna in operating condition?	Yes			
		Is antenna located on or in close proximity to an antenna farm?	No			
	Existing Antenna	Class	Class A			
	Manufacturer and Type	Mounting	Side 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)	15.0 kW			

Manufacturer	
Model	ALP12L2- HSOC
Year	2015

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?	No	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna	Class	Class A	
	Manufacturer and Types	Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Horizontal	
		Туре	Slotted Coaxial	
		Number of Stations Supported	N/A	
		Number of Panels/Bays	N/A	
		Lower Limit	N/A	
		Upper Limit	N/A	
		Design power capacity in use	N/A	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	15.0 kW	
		Manufacturer		
		Model	DLP-12B	

Year
Justification for New Antenna

#### Other Antenna Costs

#### Primary Antenna

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary	Other Antenna Cost Not Listed
Antenna	Information not provided.

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	Flexible Foam	
		Diameter	1 5/8 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	150 feet per run	

Primary	New Transmission Line			
Transmissio	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	Flexible Air	
		Diameter	1 5/8 inches	
		Other Diameter	N/A	
		Segment Length	N/A	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	450 feet per run	
		Justification for New Transmission Line	Existing transmission line will be on-air while new facilities for new channel 18 are being built. New location facility will require new transmission line in order to remain constantly on the air.	

Primary Other Transmission Line Expenses Not Listed

Primary Other Transmission Transmission

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

Primary	Add Tower			
Tower	Section	Question	Response	
	Existing Tower Description	Type of change	Modify Existing	
		Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Leased	
		Is this tower consider Complex?	No	
		Is this tower currently shared with any other stations?	No	
		One or more FM, AM or TV radio broadcaster(s)	N/A	
		Others Types of Users	N/A	
		Is tower documented for structural analysis?	Yes	
		Is tower compliant with Rev G?	Yes	
	Existing Tower Structure	Do you have a tower registration number?	Yes	
	Registration	ASR Number	1018015	
	Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	40° 06' 53.8" N-	
		Longitude (NAD83)	082° 58' 55.3" W-	
		Overall Structure Height	291.01 feet	
		Support Structure Height	285.10 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	919.94 feet	

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	New Par
Date Constructed	08/06/2008

### Primary Tower Section Question

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:	No reinforcements needed

# Primary Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

### Primary Other Tower Expenses Not Listed

**Tower** Information not provided.

Primary Tower			
Tower	Section	Question	Response
	Existing Tower	Type of change	Move Equipment
	Description	Tower Use	Primary (Main)
		Description of Use	N/A
		Ownership	Leased
		Is this tower consider Complex?	No
		Is this tower currently shared with any other stations?	No
		One or more FM, AM or TV radio broadcaster(s)	N/A
		Others Types of Users	N/A
		Is tower documented for structural analysis?	No
	Is tower compliant with F	Is tower compliant with Rev G?	No
	Existing Tower Structure	Do you have a tower registration number?	No
	Registration	ASR Number	
	Coordinates (NAD83 (	Latitude (NAD83)	40° 37' 39.21" N-
	North American Datum of 1983))	Longitude (NAD83)	083° 07' 47.7" W-
		Overall Structure Height	51.80 feet
		Support Structure Height	51.80 feet
		Ground Elevation Above Mean Sea Level (AMSL)	296.90 feet
		Structure Type	TOWER - Free Standing or Guyed Structure
		Tower Owner	Radio Communications of Ohio
		Date Constructed	06/20/1978

Primary	Tower Rigging Costs		
Tower	Section	Question	Response
	Tower Rigging Costs	Complex Tower	N/A
	Helicopter Services Required	Are helicopter services required?	No

**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	595
		Explanation	reimbursement filing, expense tracking, vendor coordination, progress reporting, budget creation, budget review, budget tracking, daisy- chain monitoring and all other activities necessary
	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	1
		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	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Other Professional Services Expenses Not Listed Professional Services roostsided.

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	Yes
		Non-zoning permits	Yes
		BLM or NFS Coordination	No
		FCC Construction Permit Minor Change	Yes
		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?	No
		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	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter TRN-5X-U-38- C	\$234,230.00	\$126,934.73		\$30,478.39	
Other Building Addition Size: 100.0	\$6,000.00	\$6,000.00	N/A	\$94.37	N/A
Other HVAC Service Type: H Size:5 (Other)	\$19,250.00	\$19,250.00	N/A	N/A	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$780.00	\$750.00	N/A	\$192.46	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
UHF - Air Cooled Solid State Transmitter 2.501 - 3.999 kW	\$155,600.00	\$50,934.73	Please see Estimated Cost Justification WCBZ-CD- 110-1st Primary Transmitter - UHF Air Cooled Solid State v0	\$30,191.56	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A

Sub-total	\$234,230.00	\$126,934.73	N/A	\$30,478.39	N/A
Total for all systems	\$641,780.00	\$534,047.79	N/A	\$99,956.98	N/A

Actual Information Description	File Name	
Other Building Addition Size: 100.0	Component Description: Amount:	SS Color Scan / Sq. Ft \$55.76
	Component Description: Amount:	SS Color Scan / Sq. Ft. \$17.16
	Component Description: Amount:	SS Color Scan / Sq. Ft \$21.45
Other HVAC Service Type: H Size:5 (Other)	Information not provided.	
2" Rigid Conduit and Wiring (Cost per foot)	Component Description: Amount:	Parts to complete transmitter conduit work \$19.52
	Component Description: Amount:	Parts for transmission line hangers \$9.64
	Component Description:	Parts and wiring supplies for transmitter
	Amount:	\$136.62

	Component Description:	Parts for transmitting grounding and AC wiring \$26.68
		φ20.00
Switchgear - industrial 800 amp	Information not provided.	
UHF - Air Cooled Solid State Transmitter 2.501 -		
3.999 kW	Component Description:	Parts for transmitte installation
	Amount:	\$25.21
	Component Description:	ANDREW 4"BOOT ASSEMBLY FOR 3" CABLE
	Amount:	\$56.76
	Component Description:	Parts used for
		transmitter installation
	Amount:	\$35.34
	Component Description:	Parts for transmitte
	Amount:	installation \$8.02
	Component Description:	Parts for transmitte
		installation
	Amount:	\$12.64
	Component Description:	MYAT 90 DEG. 7
		/8" ELBOW UNFLANGED

Component Description:	Parts used for transmitter installation
Amount:	\$27.01
Component Description:	Parts used for transmitter
Amount:	installation \$11.00
Component Description:	RECEIVE, STORE, DELIVER AND SET
Amount:	TRANSMITTER. \$1,575.00
Component Description:	Parts for transmitter installation
Amount:	\$44.64
Component Description:	"Additional shipping charges not included on Invoice 0425902 Estimated shipping charge\$671.95, Actual shipping charge: \$766.56"
Amount:	\$94.61
Component Description:	DTV FULL SERVICE MASK
Amount:	\$2,863.81
Component Description:	ANDREW 7/8" FOAM DIELECTRIC HELIAX
Amount:	\$586.97

	Component Description: Amount:	Parts for transmitter installation \$90.07
	Component Description: Amount:	Parts for transmitter grounding \$12.10
	Component Description: Amount:	3.3kW CH18 Transmitter \$24,319.83
	Component Description: Amount:	Parts for transmitter installation \$26.25
	Component Description: Amount:	ANDREW 7/8" EIA FLANGE FOR LDF4-50 \$235.92
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
Primary Antenna DLP- 12B	\$33,030.00	\$31,400.00		\$10,593.83	
UHF - Lower Power Side Mount, Class A One Station antenna basic	\$26,300.00	\$25,000.00	N/A	\$10,593.83	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$33,030.00	\$31,400.00	N/A	\$10,593.83	N/A
Total for all systems	\$641,780.00	\$534,047.79	N/A	\$99,956.98	N/A

Actual Information Description	File Name	
UHF - Lower Power Side Mount, Class A One Station antenna basic	Component Description: Amount:	Downpayment for antenna order \$4,912.50
	Component Description: Amount:	Parts to hang and secure coax cable \$19.43

	Component Description:	ANTENNA UHF LOWER POWER SIDE MOUNT
	Amount:	\$2,952.67
	Component Description:	Parts for coax
		passthrough
	Amount:	\$9.23
	Component Description:	SCATTER STUDY
		FOR STANDARD
		LEG OF FACE
		MOUNTS.
	Amount:	\$2,700.00
Sweep test of existing		
antenna	<b>Component Description:</b>	Day labor including
		travel to sweep
		antenna prior to
		operation
		commencement.
	Amount:	\$1,250.00

#### **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
Primary Transmission Line	\$14,850.00	\$29,203.06		\$15,939.32	
Flexible Air Transmission Line - dielectric, 1 5 /8"	\$14,850.00	\$29,203.06	Per Estimated Cost Justification WCBZ-CD- 310-Primary Transmission Line-Flexible Air Dielectric Transmission Line v0	\$15,939.32	N/A
Sub-total	\$14,850.00	\$29,203.06	N/A	\$15,939.32	N/A
Total for all systems	\$641,780.00	\$534,047.79	N/A	\$99,956.98	N/A

Actual Information Description	File Name	
Flexible Air Transmission Line - dielectric, 1 5/8"	Component Description: Amount:	BDI DIGITAL RF SENSOR PACKAGE \$3,627.47
	Component Description:	SWR 7/8" 20' LINE SECTION UNFLANGED
	Amount:	\$2,543.84

Component Description:BIRD QC CONN 1- 5/8" FIXED EIA FLNG. \$251.42Amount:ANDREW 1 5/8" EIA (M) STRAIGHT \$367.60Component Description:ANDREW 1 5/8" EIA (M) STRAIGHT \$367.60Component Description:MYAT 1 5/8" UNFLANGED 90deg ELBOW \$4,137.45Component Description:MYAT 3 1/8 to 1 5 /8 TAPER REDUCERAmount:MYAT 3 1/8 to 1 5 /8 TAPER REDUCERAmount:MYAT 1 5/8" FLANGE ADAPTER \$1144.17Component Description:MYAT 3 1/8 to 1 5 /8 TAPER REDUCERAmount:MYAT 3 1/8 to 1 5 /8 TAPER REDUCERComponent Description:MYAT 3 1/8 to 1 5 /8 TAPER ADAPTER \$1076.34Component Description:MYAT 1 5/8" FLANGE ADAPTER \$1,076.34Component Description:MYAT 1 5/8" FLANGE ADAPTER \$1,076.34	Component Description: Amount:	Low PIM 7/16 DIN Male to 7/16 \$136.67
EIA (M) STRAIGHTAmount:\$367.60Component Description:MYAT 1 5/8" UNFLANGED 90deg ELBOWAmount:\$4,137.45Component Description:MYAT 3 1/8 to 1 5 /8 TAPER REDUCER \$355.48Component Description:MYAT 1 5/8" FLANGE ADAPTERAmount:\$144.17Component Description:MYAT 3 1/8 to 1 5 /8 TAPER REDUCER 		5/8" FIXED EIA FLNG.
Amount:UNFLANGED 90deg ELBOW \$4,137.45Component Description:MYAT 3 1/8 to 1 5 /8 TAPER 		EIA (M) STRAIGHT
Amount:/8 TAPER REDUCER \$355.48Component Description:MYAT 1 5/8" FLANGE ADAPTER \$144.17Component Description:MYAT 3 1/8 to 1 5 /8 TAPER REDUCER \$1,076.34Component Description:MYAT 3 1/8 to 1 5 /8 TAPER REDUCER \$1,076.34Component Description:MYAT 1 5/8" FLANGE ADAPTER		UNFLANGED 90deg ELBOW
FLANGE ADAPTER \$144.17Component Description:MYAT 3 1/8 to 1 5 /8 TAPER 		/8 TAPER REDUCER
/8 TAPER REDUCER \$1,076.34 Component Description: MYAT 1 5/8" FLANGE ADAPTER		FLANGE ADAPTER
FLANGE ADAPTER		/8 TAPER REDUCER
φυ20.0 <del>1</del>	Component Description: Amount:	FLANGE

Component Description: Amount:	MCI 1 5/8" MOTORIZED COAX SW./4PORT \$2,572.41
Component Description:	ANDREW 5' /2 - HOLE
Amount:	GROUNDING KIT \$397.63

#### **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	\$96,800.00	\$92,000.00		\$9,116.69	
Short Tower (less than 500')	\$84,200.00	\$80,000.00	The new tower will have to be rigged and the transmission line and antenna will be installed. Tower crew will assist in the sweep test.	\$5,016.69	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$4,100.00	N/A
Primary Tower TOWER	\$84,200.00	\$80,000.00		\$0.00	
Short Tower (less than 500')	\$84,200.00	\$80,000.00	The existing tower will have to be rigged and all equipment removed.	N/A	N/A
Sub-total	\$181,000.00	\$172,000.00	N/A	\$9,116.69	N/A
Total for all systems	\$641,780.00	\$534,047.79	N/A	\$99,956.98	N/A

Actual Information Description	File Name	
Short Tower (less than 500')	Component Description: Amount:	Parts for coax installation on tower \$28.57
	Component Description:	Work complete 3/12 /19: Antenna/line install
	Amount:	\$3,299.80
	Component Description:	Work complete 5/6 /19: Remove antenna and line
	Amount:	\$1,688.32
Structural engineering tower load study for well documented tower	Component Description:	WCBZ-CD Channel 28 RF-NIER/MPE Report ATC Site # /Name: 81865 WORTHINGTON OH2
	Amount:	\$1,850.00
	Component Description:	Channel 28 Customer Structural ATC Site #/Name: 81865 WORTHINGTON OH2
	Amount:	\$1,500.00

	Component Description:	Channel 28 PE
		Letter ATC Site #
		/Name:81865
		WORTHINGTON
		OH2
	Amount:	\$750.00
Short Tower (less than	Information not provided.	
500')		

# **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 Cost Justification
Outside Professional Services	\$149,980.00	\$152,425.00		\$30,656.75	
RF Exposure Measurements	\$21,050.00	\$20,000.00	It is expected that the tower owner will require measurements to be made at time of installation.	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A

Prepare request for Special Special Comporaty AuthorizationS2,050.00\$1,500.00N/AN/AN/APrepare engineering section of FCC Form 2100 (main), License to CoverS1,580.00\$1,500.00N/AN/AN/APrepare engineering section of FCC Form 2100 (main), License to CoverS3,155.00\$3,000.00N/AN/AN/APrepare engineering section of FCC Form 2100 (main), ConstructionS3,155.00\$3,000.00N/AN/AN/APrepare engineering section of FCC Form 2100 (main), ConstructionS7,360.00\$7,000.00N/AS3,962.50N/APerform engineering sudy for new channel assignment and anternane development\$7,360.00\$7,000.00N/AS3,962.50N/AAddress transition riming and coordination issues w/ other stations and wireless\$2,630.00\$2,500.00N/AN/AN/APrepare and or review reimbursement form\$2,630.00\$2,500.00N/AN/AN/AProper and or review reimbursement form\$2,630.00\$2,500.00N/AN/AN/AProper and or review reimbursement form\$2,630.00\$2,500.00N/AN/AN/AProper and or review reimbursement form\$2,630.00\$2,500.00N/AN/AN/AProper and or review reimbursement form\$2,630.00\$2,500.00N/AN/AN/AProper and or review reimbursement						
engineering section of FCC Form 2100 (main), License to Cover Application Prepare engineering section of FCC Form 2100 (main), Construction Permit Application S7,360.00 \$7,000.00 N/A \$3,962.50 N/A Perform engineering study for new channel assignment and antenna development S2,630.00 \$2,500.00 S2,630.00 \$2,500.00 N/A N/A N/A Address transition timing and coordination issues w/ other stations and wireless Prepare and or review reminuersement form of the transition of the transi	request for Special Temporary	\$2,050.00	\$1,500.00	N/A	N/A	N/A
engineering section of FCC Form 2100 (main), Construction Permit Application\$7,360.00 \$7,000.00N/A \$3,962.50\$3,962.50N/A A \$3,962.50N/APerform engineering study for new channel assignment and antenna development\$7,360.00 \$2,500.00N/A\$3,962.50N/AAddress transition timing and coordination issues w/ other stations and wireless\$2,630.00 \$2,500.00\$2,500.00N/AN/AN/APrepare and or review reimbursement form\$2,630.00 \$2,500.00\$2,500.00N/AN/AN/AProject management of the transition\$149,980.00\$152,425.00N/A\$26,694.25N/ASub-total\$149,980.00\$152,425.00N/A\$30,656.75N/A	engineering section of FCC Form 2100 (main), License to Cover	\$1,580.00	\$1,500.00	N/A	N/A	N/A
engineering study for new channel assignment and antenna developmentN/AN/AN/AAddress transition timing and coordination issues w/ other stations and wireless\$2,630.00\$2,500.00N/AN/AN/APrepare and or review reimbursement form\$2,630.00\$2,500.00N/AN/AN/APrepare and or review reimbursement form\$2,630.00\$2,500.00N/AN/AN/APrepare and or review reimbursement form\$2,630.00\$2,500.00N/AN/AN/ASub-total\$94,010.00\$99,675.00Videlity Strategic support quote\$26,694.25N/A	engineering section of FCC Form 2100 (main), Construction Permit	\$3,155.00	\$3,000.00	N/A	N/A	N/A
transition timing and coordination issues w/ other stations and wireless\$2,630.00\$2,500.00N/AN/AN/APrepare and or review reimbursement form\$2,630.00\$2,500.00N/AN/AN/AProject management of the transition\$94,010.00\$99,675.00Widelity Strategic support quote\$26,694.25N/ASub-total\$149,980.00\$152,425.00N/A\$30,656.75N/A	engineering study for new channel assignment and antenna	\$7,360.00	\$7,000.00	N/A	\$3,962.50	N/A
or review reimbursement form Project \$94,010.00 \$99,675.00 Widelity \$26,694.25 N/A management of the transition \$149,980.00 \$152,425.00 N/A \$30,656.75 N/A	transition timing and coordination issues w/ other stations	\$2,630.00	\$2,500.00	N/A	N/A	N/A
management of the transition     Strategic support quote       Sub-total     \$149,980.00     \$152,425.00     N/A     \$30,656.75     N/A	or review reimbursement	\$2,630.00	\$2,500.00	N/A	N/A	N/A
	management	\$94,010.00	\$99,675.00	Strategic	\$26,694.25	N/A
Total for all         \$641,780.00         \$534,047.79         N/A         \$99,956.98         N/A	Sub-total	\$149,980.00	\$152,425.00	N/A	\$30,656.75	N/A
	Total for all	\$641,780.00	\$534,047.79	N/A	\$99,956.98	N/A

#### Components

Actual Information Description	File Name	
RF Exposure Measurements	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Component Description: Amount:	Prof. Services \$522.00
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	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Perform engineering study for new channel assignment and antenna development		

	Component Description:	FOR WORK PERFORMED
		FROM DECEMBER 1, 2017 TO JULY 31,
		2018
	Amount:	\$850.00
	Component Description:	WMNO-
		Engineering
		Repack Service performed by Greg
		Best
	Amount:	\$1,662.50
	Component Description:	WMNO-
		Engineering
		Repack Service performed by Greg
		Best
	Amount:	\$700.00
	Component Description:	Consulting - Per
	Amount:	Hour (Quantity) \$550.00
	Amount.	\$550.00
	Component Description:	FOR WORK
		PERFORMED
		FROM NOVEMBER 1,
		2018 TO
		FEBRUARY 28, 2019
	Amount:	\$200.00
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: Amount:	Project Management \$3,441.65
Component Description: Amount:	Project Management \$201.25
Component Description: Amount:	Retainer for WCBZ- CD, Facility ID 1104 work \$1,000.00
Component Description: Amount:	Project Management \$8,206.30
Component Description: Amount:	\$5,879.85 \$5,879.85
Component Description: Amount:	Project Management \$6,815.20
Component Description: Amount:	Consulting - Per Hour (Quantity) \$1,150.00

# **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 Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$28,690.00	\$22,085.00		\$1,400.00	
MVPD Notification of Channel Change	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$1,000.00	\$1,000.00	Cost for production house to produce an announcement	N/A	N/A
Equipment Storage	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$2,500.00	\$2,500.00	N/A	N/A	N/A
Non-zoning permits	\$5,000.00	\$5,000.00	Obtain building permits from local jurisdictions	\$1,200.00	N/A
Local Zoning	\$5,000.00	\$5,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,000.00	N/A	\$200.00	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	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
Sub-total	\$28,690.00	\$22,085.00	N/A	\$1,400.00	N/A
Total for all systems	\$641,780.00	\$534,047.79	N/A	\$99,956.98	N/A

# Components

Actual Information Description	File Name	
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Non-zoning permits		
	Component Description: Amount:	Zoning application \$1,200.00
Local Zoning	Information not provided.	
DTV Medical Facility Notification	Component Description: Amount:	Postage for Medical Notification Mailing \$200.00

minor change CP application	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.

Grand Total			
	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$641,780.00	\$534,047.79	\$99,956.98
		Predetermined Cost Estimate	Predetermined Cost Estimate Estimated Cost

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 912(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.	
		<ul> <li>4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the</li> </ul>	

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.
- 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. Mark A I declare, under penalty of perjury, that I am an authorized representative of the above-Hiner named applicant for the Authorization(s) President specified above. 10/07/2019

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<ul> <li>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).</li> <li>1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>4. The above-named entity acknowledges the submission of the information herein</li> </ul>	

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).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.
- 8. The above-named entity acknowledges that overpayments or payments in error

<ul> <li>must be promptly refunded to the Commission.</li> <li>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.</li> </ul>	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	Mark A Hiner President 10/07/2019

# Attachments

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