



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **1104** | Service: **DCA** | Call **WCBZ-CD** | Channel: **18 (UHF)** |  
ID: | Sign:  
File **0000028282**  
Number:  
FRN: **0018086967** | Date **09/03**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>Columbus Broadcasting Corporation</b> 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 Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

**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	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  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	DCA5000
	Year	2015
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	0.5 kW

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	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  
Transmitter**

**Other Transmitter Costs**

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
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Heating and Cooling
	Size	5 tons
	Other Size	N/A tons
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	100.0 square feet
<b>Channel 14 Costs</b>	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

**Primary Transmitter**      **Other Transmitter Cost Not Listed**  
Information not provided.

**Antennas**

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

**Primary  
Antenna**

**Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	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
<b>Existing Antenna Manufacturer and Type</b>	Class	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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

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**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	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
<b>New Antenna Manufacturer and Types</b>	Class	Class A
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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	2018
Justification for New Antenna	Existing antenna cannot be retuned from channel 28 to channel 18. A new antenna will be required.

## Primary Antenna

### Other Antenna Costs

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

Primary Antenna	Other Antenna Cost Not Listed
	Information not provided.

**Transmission Line**

Section	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

**Primary  
Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	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  
Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	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 Transmission Line	Other Transmission Line Expenses Not Listed
Information not provided.	

**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Primary  
Tower**

**Add 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 Registration	Do you have a tower registration number?	Yes
	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**

**Tower Modification Costs**

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	No reinforcements needed

**Primary Tower**

**Tower Rigging Costs**

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

**Primary Tower**

**Other Tower Expenses Not Listed**

Information not provided.

## Primary Tower

### Existing Tower

Section	Question	Response
<b>Existing Tower Description</b>	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	No
	ASR Number	
<b>Coordinates (NAD83 ( North American Datum of 1983))</b>	Latitude (NAD83)	40° 37' 39.21" N-
	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**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	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
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A

	Terrain-Shielded Facility	N/A
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	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
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	No
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

**Outside Other Professional Services Expenses Not Listed**  
**Professional Services Costs** Services not provided.

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
<b>Permit and Filing Costs</b>	Local Zoning	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
<b>Other Miscellaneous Expenses</b>	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	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

<b>Other Expenses</b>	<b>Other Expenses Not Listed</b>
	Information not provided.



## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter TRN-5X-U-38-C	\$234,230.00	\$126,934.73		\$30,384.02	
Other -- Building Addition Size: 100.0	<i>\$6,000.00</i>	\$6,000.00	N/A	\$0.00	N/A
Other -- HVAC Service Type: H Size:5 (Other)	<i>\$19,250.00</i>	\$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
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
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A

<b>Sub-total</b>	\$234,230.00	\$126,934.73	N/A	\$30,384.02	N/A
<b>Total for all systems</b>	\$641,780.00	\$534,047.79	N/A	\$90,797.41	N/A

## Components

Actual Information	
Description	File Name
Other -- Building Addition Size: 100.0	Information not provided.
Other -- HVAC Service Type: H Size:5 (Other)	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Parts to complete transmitter conduit work</div> <div>\$19.52</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Parts for transmission line hangers</div> <div>\$9.64</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Parts and wiring supplies for transmitter</div> <div>\$136.62</div> </div> <div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Parts for transmitting grounding and AC wiring</div> <div>\$26.68</div> </div>
UHF - Air Cooled Solid State Transmitter 2.501 - 3.999 kW	<div> <div>Component Description:</div> <div>Amount:</div> </div> <div> <div>Parts for transmitter installation</div> <div>\$25.21</div> </div>

<b>Component Description:</b>	ANDREW 4"BOOT ASSEMBLY FOR 3" CABLE
<b>Amount:</b>	\$56.76

<b>Component Description:</b>	Parts used for transmitter installation
<b>Amount:</b>	\$35.34

<b>Component Description:</b>	Parts for transmitter installation
<b>Amount:</b>	\$8.02

<b>Component Description:</b>	Parts for transmitter installation
<b>Amount:</b>	\$12.64

<b>Component Description:</b>	MYAT 90 DEG. 7 /8" ELBOW UNFLANGED
<b>Amount:</b>	\$166.38

<b>Component Description:</b>	RECEIVE, STORE, DELIVER AND SET TRANSMITTER.
<b>Amount:</b>	\$1,575.00

<b>Component Description:</b>	Parts for transmitter installation
<b>Amount:</b>	\$44.64

<b>Component Description:</b>	"Additional shipping charges not included on Invoice 0425902 Estimated shipping charge\$671.95, Actual shipping charge: \$766.56"
<b>Amount:</b>	\$94.61

<b>Component Description:</b>	DTV FULL SERVICE MASK
<b>Amount:</b>	\$2,863.81

<b>Component Description:</b>	ANDREW 7/8" FOAM DIELECTRIC HELIAX
<b>Amount:</b>	\$586.97

<b>Component Description:</b>	Parts for transmitter installation
<b>Amount:</b>	\$90.07

<b>Component Description:</b>	Parts for transmitter grounding
<b>Amount:</b>	\$12.10

<b>Component Description:</b>	3.3kW CH18 Transmitter
<b>Amount:</b>	\$24,319.83

<b>Component Description:</b>	Parts for transmitter installation
<b>Amount:</b>	\$26.25

	<b>Component Description:</b>	Parts used for transmitter installation
	<b>Amount:</b>	\$27.01
	<b>Component Description:</b>	Parts used for transmitter installation
	<b>Amount:</b>	\$11.00
	<b>Component Description:</b>	ANDREW 7/8" EIA FLANGE FOR LDF4-50
	<b>Amount:</b>	\$235.92
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
Switchgear - industrial 800 amp	Information not provided.	

Cost  
Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
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	\$90,797.41	N/A

Components

Actual Information	
Description	File Name
UHF - Lower Power Side Mount, Class A One Station antenna -- basic	<div><div>Component Description:</div><div>Amount:</div><div>Component Description:</div><div>Amount:</div></div> <div>ANTENNA UHF LOWER POWER SIDE MOUNT \$2,952.67  Parts to hang and secure coax cable \$19.43</div>

	<b>Component Description:</b>	Parts for coax passthrough
	<b>Amount:</b>	\$9.23
	<b>Component Description:</b>	SCATTER STUDY FOR STANDARD LEG OF FACE MOUNTS.
	<b>Amount:</b>	\$2,700.00
	<b>Component Description:</b>	Downpayment for antenna order
	<b>Amount:</b>	\$4,912.50
Sweep test of existing antenna	Information not provided.	

Cost  
Information

Transmission Line

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
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	\$90,797.41	N/A

Components

Actual Information	
Description	File Name
Flexible Air Transmission Line - dielectric, 1 5/8"	
	Component Description: MCI 1 5/8" MOTORIZED COAX SW./4PORT
	Amount: \$2,572.41
	Component Description: SWR 7/8" 20' LINE SECTION UNFLANGED
	Amount: \$2,543.84



<b>Component Description:</b>	Low PIM 7/16 DIN Male to 7/16
<b>Amount:</b>	\$136.67

<b>Component Description:</b>	BIRD QC CONN 1- 5/8" FIXED EIA FLNG.
<b>Amount:</b>	\$251.42

<b>Component Description:</b>	ANDREW 1 5/8" EIA (M) STRAIGHT
<b>Amount:</b>	\$367.60

<b>Component Description:</b>	MYAT 1 5/8" UNFLANGED 90deg ELBOW
<b>Amount:</b>	\$4,137.45

<b>Component Description:</b>	MYAT 3 1/8 to 1 5 /8 TAPER REDUCER
<b>Amount:</b>	\$355.48

<b>Component Description:</b>	MYAT 1 5/8" FLANGE ADAPTER
<b>Amount:</b>	\$144.17

<b>Component Description:</b>	MYAT 3 1/8 to 1 5 /8 TAPER REDUCER
<b>Amount:</b>	\$1,076.34

<b>Component Description:</b>	BDI DIGITAL RF SENSOR PACKAGE
<b>Amount:</b>	\$3,627.47

<b>Component Description:</b>	ANDREW 5' /2 - HOLE GROUNDING KIT
<b>Amount:</b>	\$397.63

<b>Component Description:</b>	MYAT 1 5/8" FLANGE ADAPTER
<b>Amount:</b>	\$328.84

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Cost  
Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$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	\$90,797.41	N/A

## Components

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

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

## Cost Information

### Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$149,980.00</b>	<b>\$152,425.00</b>		<b>\$22,841.55</b>	
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
Project management of the transition	\$94,010.00	\$99,675.00	Widely Strategic support quote	\$18,879.05	N/A
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
Perform engineering study for new	\$7,360.00	\$7,000.00	N/A	\$3,962.50	N/A

channel  
assignment  
and antenna  
development

Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	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
<b>Sub-total</b>	\$149,980.00	\$152,425.00	N/A	\$22,841.55	N/A

<b>Total for all systems</b>	\$641,780.00	\$534,047.79	N/A	\$90,797.41	N/A
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## Components

<b>Actual Information</b>	
<b>Description</b>	<b>File Name</b>
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.
Attorney Fees - Negotiation of lease and other matters for shared locations	<b>Component Description:</b> Prof. Services <b>Amount:</b> \$522.00
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Project management of the transition	<b>Component Description:</b> Project Management <b>Amount:</b> \$3,441.65  <b>Component Description:</b> Project Management <b>Amount:</b> \$201.25  <b>Component Description:</b> Project Management <b>Amount:</b> \$8,206.30  <b>Component Description:</b> \$5,879.85 <b>Amount:</b> \$5,879.85  <b>Component Description:</b> Consulting - Per Hour (Quantity) <b>Amount:</b> \$1,150.00
RF Exposure	Information not provided.



Measurements	
Perform engineering study for new channel assignment and antenna development	<div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> FOR WORK PERFORMED FROM DECEMBER 1, 2017 TO JULY 31, 2018   \$850.00 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> WMNO-Engineering Repack Service performed by Greg Best   \$1,662.50 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> WMNO-Engineering Repack Service performed by Greg Best   \$700.00 </div> </div> <div> <div> <b>Component Description:</b>  <b>Amount:</b> </div> <div> Consulting - Per Hour (Quantity)  \$550.00 </div> </div> <div> <div> <b>Component Description:</b>   <b>Amount:</b> </div> <div> FOR WORK PERFORMED FROM NOVEMBER 1, 2018 TO FEBRUARY 28, 2019   \$200.00 </div> </div>
Prepare and or review reimbursement form	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare request for Special Temporary Authorization	Information not provided.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.

## Cost Information

### Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Other Expenses</b>	<b>\$28,690.00</b>	<b>\$22,085.00</b>		<b>\$1,400.00</b>	
MVPD Notification of Channel Change	<i>\$1,000.00</i>	\$1,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$1,000.00</i>	\$1,000.00	Cost for production house to produce an announcement	N/A	N/A
Equipment Storage	<i>\$1,000.00</i>	\$1,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	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 - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,000.00	N/A	\$200.00	N/A
Non-zoning permits	<i>\$5,000.00</i>	\$5,000.00	Obtain building	\$1,200.00	N/A

			permits from local jurisdictions		
Disposal Costs (for equipment and other waste, net of any salvage value)	<b>\$2,500.00</b>	\$2,500.00	N/A	N/A	N/A
Local Zoning	<b>\$5,000.00</b>	\$5,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$28,690.00	\$22,085.00	N/A	\$1,400.00	N/A
<b>Total for all systems</b>	\$641,780.00	\$534,047.79	N/A	\$90,797.41	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.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.
DTV Medical Facility Notification	<p><b>Component Description:</b> Postage for Medical Notification Mailing</p> <p><b>Amount:</b> \$200.00</p>
Non-zoning permits	

	<b>Component Description:</b> <b>Amount:</b>	Zoning application \$1,200.00
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Local Zoning	Information not provided.	

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$641,780.00	\$534,047.79
			\$90,797.41

Reimbursement Status	Question	Response
	The facility has ceased operating on its pre-auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li>1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.</li> <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> </ol>	

signal of a  
broadcaster that  
changes channels  
(MVPD).

5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

**Mark A  
Hiner**  
*President*

09/03/2019



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 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> <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> </ol>	

creates no obligation on the part of the government to pay any amount.

5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.
8. The above-named entity acknowledges that overpayments or payments in error

<p>must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Mark A Hiner</b> <i>President</i></p> <p>09/03/2019</p>

## Attachments