



(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 **11/03**  
Submitted: **/2020**

## 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
<b>Mike Laskey</b> <i>Widely Inc.</i>	4031 University Drive #100 Fairfax, VA 22030 United States	+1 (703) 934-2038	mike.lasky@widely.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	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
<b>Transmitter Related Expenses</b>	Do you have transmitter related expenses?	Yes

**Primary  
Transmitter**

**Existing Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<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
<b>New Transmitter</b>	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
<b>Electrical Service</b>	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**

Name	Description
Primary Transmitter-Monitoring Equipment	Primary Transmitter-Monitoring Equipment

**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

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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 returned 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
<p><b>New Transmission Line Costs</b></p>	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	<p>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.</p>	

**Primary**      **Other Transmission Line Expenses Not Listed**  
**Transmission** information not provided.  
**Line**

**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
<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Study needed for documented tower
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	No reinforcements needed

**Primary Tower**

**Tower Rigging Costs**

Section	Question	Response
<b>Tower Rigging Costs</b>	Complex Tower	N/A
<b>Helicopter Services Required</b>	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 Services Costs**

Section	Question	Response
<b>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

**Other Professional Services Expenses Not Listed**

**Outside**

**Professional** Information not provided.

**Services**

**Costs**

**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

**Other  
Expenses**

**Other Expenses Not Listed**

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
<b>Primary Transmitter TRN-5X-U-38-C</b>	<b>\$239,091.10</b>	<b>\$131,795.83</b>		<b>\$36,207.92</b>	
Primary Transmitter-Monitoring Equipment	<i>\$4,861.10</i>	\$4,861.10	Please see Broadcasters General Store quote 568193 and Repack Administrator-Remote Control explanation 8-23-20	\$4,861.10	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
Other -- Building Addition Size: 100.0	<i>\$6,000.00</i>	\$6,000.00	N/A	\$94.37	N/A
Other -- HVAC Service Type: H Size:5 (Other)	<i>\$19,250.00</i>	\$19,250.00	N/A	\$0.00	N/A
2" Rigid	\$780.00	\$750.00	N/A	\$192.46	N/A

Conduit  
and Wiring  
(Cost per  
foot)

Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	\$868.43	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	\$0.00	N/A
<b>Sub-total</b>	\$239,091.10	\$131,795.83	N/A	\$36,207.92	N/A
<b>Total for all systems</b>	\$646,641.10	\$538,908.89	N/A	\$141,139.76	N/A

## Components

Actual Information	
Description	File Name
Primary Transmitter-Monitoring Equipment	<p><b>Component Description:</b> Monitoring Equip</p> <p><b>Amount:</b> \$4,861.10</p>
UHF - Air Cooled Solid State Transmitter 2.501 - 3.999 kW	<p><b>Component Description:</b> Invoice moved to correct budget category per nmi message.</p> <p><b>Amount:</b> N/A</p> <p><b>Component Description:</b> Parts for transmitter installation</p> <p><b>Amount:</b> \$8.02</p> <p><b>Component Description:</b> Parts for transmitter installation</p> <p><b>Amount:</b> \$25.21</p>

**Component Description:** Parts for transmitter  
grounding  
**Amount:** \$12.10

**Component Description:** RECEIVE, STORE,  
DELIVER AND  
SET  
TRANSMITTER.  
**Amount:** \$1,575.00

**Component Description:** Parts used for  
transmitter  
installation  
**Amount:** \$35.34

**Component Description:** Parts used for  
transmitter  
installation  
**Amount:** \$11.00

**Component Description:** ANDREW 7/8"  
FOAM  
DIELECTRIC  
HELIAX  
**Amount:** \$586.97

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

**Component Description:** Parts for transmitter  
installation  
**Amount:** \$12.64

**Component Description:** Parts for transmitter  
installation  
**Amount:** \$90.07

**Component Description:** Parts used for transmitter installation  
**Amount:** \$27.01

**Component Description:** ANDREW 4"BOOT ASSEMBLY FOR 3" CABLE  
**Amount:** \$56.76

**Component Description:** DTV FULL SERVICE MASK  
**Amount:** \$2,863.81

**Component Description:** ANDREW 7/8" EIA FLANGE FOR LDF4-50  
**Amount:** \$235.92

**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:** Parts for transmitter installation  
**Amount:** \$26.25

**Component Description:** Parts for transmitter installation  
**Amount:** \$44.64

	<p><b>Component Description:</b> 3.3kW CH18 Transmitter</p> <p><b>Amount:</b> \$24,319.83</p>
Other -- Building Addition Size: 100.0	<p><b>Component Description:</b> SS Color Scan / Sq. Ft.</p> <p><b>Amount:</b> \$17.16</p> <p><b>Component Description:</b> SS Color Scan / Sq. Ft</p> <p><b>Amount:</b> \$55.76</p> <p><b>Component Description:</b> SS Color Scan / Sq. Ft</p> <p><b>Amount:</b> \$21.45</p>
Other -- HVAC Service Type: H Size:5 (Other)	Information not provided.
2" Rigid Conduit and Wiring (Cost per foot)	<p><b>Component Description:</b> Parts and wiring supplies for transmitter</p> <p><b>Amount:</b> \$136.62</p> <p><b>Component Description:</b> Parts to complete transmitter conduit work</p> <p><b>Amount:</b> \$19.52</p> <p><b>Component Description:</b> Parts for transmission line hangers</p> <p><b>Amount:</b> \$9.64</p>

	<p><b>Component Description:</b> Parts for transmitting grounding and AC wiring</p> <p><b>Amount:</b> \$26.68</p>
Switchgear - industrial 800 amp	<p><b>Component Description:</b> MCI LOCAL /REMOTE 2U PANEL/1-SWITCH</p> <p><b>Amount:</b> \$868.43</p>
Service entrance 3 phase /800 amp/208 volt	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
<b>Primary Antenna DLP-12B</b>	<b>\$33,030.00</b>	<b>\$31,400.00</b>		<b>\$11,843.83</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$1,250.00	N/A
UHF - Lower Power Side Mount, Class A One Station antenna -- basic	\$26,300.00	\$25,000.00	N/A	\$10,593.83	N/A
<b>Sub-total</b>	<b>\$33,030.00</b>	<b>\$31,400.00</b>	<b>N/A</b>	<b>\$11,843.83</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$646,641.10</b>	<b>\$538,908.89</b>	<b>N/A</b>	<b>\$141,139.76</b>	<b>N/A</b>

**Components**

Actual Information Description	File Name
Sweep test of existing antenna	<p><b>Component Description:</b> Day labor including travel to sweep antenna prior to operation commencement.</p> <p><b>Amount:</b> \$1,250.00</p>
UHF - Lower Power Side Mount, Class A One Station antenna -- basic	

**Component Description:** Parts to hang and secure coax cable  
**Amount:** \$19.43

**Component Description:** SCATTER STUDY FOR STANDARD LEG OF FACE MOUNTS.  
**Amount:** \$2,700.00

**Component Description:** Parts for coax passthrough  
**Amount:** \$9.23

**Component Description:** ANTENNA UHF LOWER POWER SIDE MOUNT  
**Amount:** \$2,952.67

**Component Description:** Downpayment for antenna order  
**Amount:** \$4,912.50

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**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
<b>Primary Transmission Line</b>	<b>\$14,850.00</b>	<b>\$29,203.06</b>		<b>\$26,112.92</b>	
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	\$26,112.92	N/A
<b>Sub-total</b>	<b>\$14,850.00</b>	<b>\$29,203.06</b>	N/A	<b>\$26,112.92</b>	N/A
<b>Total for all systems</b>	<b>\$646,641.10</b>	<b>\$538,908.89</b>	N/A	<b>\$141,139.76</b>	N/A

**Components**

Actual Information	
Description	File Name
Flexible Air Transmission Line - dielectric, 1 5/8"	<b>Component Description:</b>
	CABLEWAVE 3" BUTTERFLY HANGERS 10PK
	<b>Amount:</b>
	\$561.97
	<b>Component Description:</b>
	MYAT 1 5/8" FLANGE ADAPTER
	<b>Amount:</b>
	\$144.17

**Component Description:** Low PIM 7/16 DIN  
Male to 7/16  
**Amount:** \$136.67

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

**Component Description:** MYAT 1 5/8"  
FLANGE  
ADAPTER  
**Amount:** \$328.84

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

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

**Component Description:** BDI DIGITAL RF  
SENSOR  
PACKAGE  
**Amount:** \$3,627.47

**Component Description:** MCI 1 5/8"  
MOTORIZED  
COAX SW./4PORT  
**Amount:** \$2,572.41

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

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

**Component Description:** CABLEWAVE 3  
AIR DIELECTRIC  
LINE ATTEN 12-  
13dB/100 FM  
BAND 40kW  
**Amount:** \$9,611.63

**Component Description:** SWR 7/8" 20' LINE  
SECTION  
UNFLANGED  
**Amount:** \$2,543.84

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

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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
<b>Primary Tower TOWER</b>	<b>\$96,800.00</b>	<b>\$92,000.00</b>		<b>\$10,267.39</b>	
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$4,100.00	N/A
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.	\$6,167.39	N/A
<b>Primary Tower TOWER</b>	<b>\$84,200.00</b>	<b>\$80,000.00</b>		<b>\$0.00</b>	
Short Tower (less than 500')	\$84,200.00	\$80,000.00	The existing tower will have to be rigged and all equipment removed.	\$0.00	N/A
<b>Sub-total</b>	<b>\$181,000.00</b>	<b>\$172,000.00</b>	N/A	<b>\$10,267.39</b>	N/A
<b>Total for all systems</b>	<b>\$646,641.10</b>	<b>\$538,908.89</b>	N/A	<b>\$141,139.76</b>	N/A

## Components

Actual Information	
Description	File Name
Structural engineering tower load study for well documented tower	<p><b>Component Description:</b> WCBZ-CD Channel 28 RF-NIER/MPE Report ATC Site # /Name: 81865 WORTHINGTON OH2</p> <p><b>Amount:</b> \$1,850.00</p>
	<p><b>Component Description:</b> Channel 28 PE Letter ATC Site # /Name:81865 WORTHINGTON OH2</p> <p><b>Amount:</b> \$750.00</p>
	<p><b>Component Description:</b> Channel 28 Customer Structural ATC Site #/Name: 81865 WORTHINGTON OH2</p> <p><b>Amount:</b> \$1,500.00</p>
Short Tower (less than 500')	<p><b>Component Description:</b> "Man hours for travel and to perform work as described above, @ \$50.00 per hour: 3 man crew: RP 7.5 Hours; MB, KH 7 Hours each"</p> <p><b>Amount:</b> \$1,150.70</p>

	<p><b>Component Description:</b> Work complete 5/6 /19: Remove antenna and line</p> <p><b>Amount:</b> \$1,688.32</p> <p><b>Component Description:</b> Parts for coax installation on tower</p> <p><b>Amount:</b> \$28.57</p> <p><b>Component Description:</b> Work complete 3/12 /19: Antenna/line install</p> <p><b>Amount:</b> \$3,299.80</p>
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>\$55,307.70</b>	
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.	\$0.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$0.00	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	\$522.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	\$0.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$0.00	N/A

Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$0.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$0.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$0.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$3,962.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$0.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$0.00	N/A
Project management of the transition	\$94,010.00	\$99,675.00	Widely Strategic support quote	\$50,823.20	N/A
<b>Sub-total</b>	\$149,980.00	\$152,425.00	N/A	\$55,307.70	N/A
<b>Total for all</b>	\$646,641.10	\$538,908.89	N/A	\$141,139.76	N/A



**Components**

<b>Actual Information</b>					
<b>Description</b>	<b>File Name</b>				
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	<table border="0"> <tr> <td><b>Component Description:</b></td> <td>Prof. Services</td> </tr> <tr> <td><b>Amount:</b></td> <td>\$522.00</td> </tr> </table>	<b>Component Description:</b>	Prof. Services	<b>Amount:</b>	\$522.00
<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.				
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:** \$700.00

**Component Description:** FOR WORK PERFORMED FROM NOVEMBER 1, 2018 TO FEBRUARY 28, 2019  
**Amount:** \$200.00

**Component Description:** WMNO- Engineering Repack Service performed by Greg Best  
**Amount:** \$1,662.50

**Component Description:** Consulting - Per Hour (Quantity)  
**Amount:** \$550.00

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:** Project  
management  
**Amount:** \$3,088.05

**Component Description:** Project  
Management  
**Amount:** \$2,810.85

**Component Description:** Project  
Management  
**Amount:** \$2,769.95

**Component Description:** Project  
Management  
**Amount:** \$2,125.15

**Component Description:** Project  
Management  
**Amount:** \$732.50

**Component Description:** Project  
Management  
**Amount:** \$6,815.20

**Component Description:** Project  
Management  
**Amount:** \$5,149.20

**Component Description:** Project  
Management  
**Amount:** \$2,097.85

**Component Description:** Project  
Management  
**Amount:** \$952.50

**Component Description:** Project  
Management  
**Amount:** \$296.25

**Component Description:** Project  
Management  
**Amount:** \$903.75

**Component Description:** Project  
Management  
**Amount:** \$3,011.65

**Component Description:** Retainer for WCBZ-  
CD, Facility ID  
1104 work  
**Amount:** \$1,000.00

**Component Description:** Project  
Management  
**Amount:** \$3,441.65

**Component Description:** Consulting - Per  
Hour (Quantity)  
**Amount:** \$1,150.00

**Component Description:** \$5,879.85  
**Amount:** \$5,879.85

**Component Description:** Project  
Management  
**Amount:** \$191.25

**Component Description:** Project  
Management  
**Amount:** \$8,206.30

**Component Description:**

Project  
Management

**Amount:**

\$201.25

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**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	\$0.00	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	\$0.00	N/A
Equipment Storage	<i>\$1,000.00</i>	\$1,000.00	N/A	\$0.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$2,500.00</i>	\$2,500.00	N/A	\$0.00	N/A
Non-zoning permits	<i>\$5,000.00</i>	\$5,000.00	Obtain building permits from local jurisdictions	\$1,200.00	N/A
Local Zoning	<i>\$5,000.00</i>	\$5,000.00	N/A	\$0.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	\$0.00	N/A
FCC Filing Fees - Form 2100 license	\$335.00	\$325.00	N/A	\$0.00	N/A

to cover  
application

FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	\$0.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,000.00	N/A	\$200.00	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>	\$646,641.10	\$538,908.89	N/A	\$141,139.76	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	<p><b>Component Description:</b> Zoning application</p> <p><b>Amount:</b> \$1,200.00</p>
Local Zoning	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	Information not provided.

minor change CP application

DTV Medical Facility  
Notification

**Component Description:**

Postage for  
Medical  
Notification  
Mailing

**Amount:**

\$200.00



**Cost Information** **Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$646,641.10	\$538,908.89	\$141,139.76

**Reimbursement Status**

<b>Question</b>	<b>Response</b>
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
	<b>Submission of Estimated Expenses Statements</b>	<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*

11/03/2020

Certification	Section	Question	Response
	<p><b>Submission of Actual Cost Documentation Statements</b></p>	<p>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).</p>	
		<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>11/03/2020</p>

**Attachments**