

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Service: DCA Call WOCB-CD Channel: 22 (UHF) Facility Sign:

ID:

File 0000024954

Number:

FRN: 0003020260 Date 08/02

> Submitted: /2018

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
CENTRAL OHIO ASSOCIATION OF CHRISTIAN BROADCASTERS Doing Business As: CENTRAL OHIO ASSOCIATION OF CHRISTIAN BROADCASTERS	David Aiken 1282 NORTH MAIN STREET MARION, OH 43302 United States	+1 (740) 383- 1794	d. aiken@me. com	Not-for- Profit

Reimbursement Contact Name and Information Reimbursement Contact 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	The station will go off air. The present antenna will be replaced with a new antenna. The old xmtr will be replaced with a new one. Existing transmission line will be swept and used if determined to be good. No tower mods expected.

Transmitters

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

Primary Transmitter

Existing Transmitter Information

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	1 KW UHF Analogue
	Year	2004
	Туре	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	1 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?	No
	Manufacturer	
	Model	2 KW UHF
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	2 kW
	Justification for New Transmitter	Pineapple technology is out of business & cannot support the existing transmitter.

Primary Transmitter

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	1 inches
	Length	50.0 feet
	Other Electrical Service	Yes

	Description	50 Amp transmitter service , Wiring, Connectors nd breakers
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	5 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description	
extend ground system	Improved grounding for transmitter.	

Antennas

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

Existing Antenna Information

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?	No
	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	PSIPLP8-39
Year	2012

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
lew Antenna	Class	Class A
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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	PSILPD16EC- 22-EP
Year	2017
Justification for New Antenna	Existing antenna can not be retuned for operation at the new channel.

Other Antenna Costs

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?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	No

Other Antenna Cost Not Listed

Information not provided.

Transmission ^{Seffien}	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Se

Existing Transmission Line

on 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 Line Manufacturer and Type	Manufacturer	
	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	380 feet per run

Primary

New Transmission Line

Transmission	n Line Section	Question	Response
	New Transmission Line Costs	Use	Primary (Main)
		Description of Use	N/A
		Change Type	Purchase New
		Is this a request for upgraded equipment?	No
		Туре	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	240 feet per run
		Justification for New Transmission Line	Current line is very old and not tested on the new channel.

Primary Other Transmission Line Expenses Not Listed

Transmission loine tion 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	1015652
oordinates (NAD83 (orth American Datum of	Latitude (NAD83)	40° 18' 47.0" N-
1983))	Longitude (NAD83)	083° 03' 04.0" W-
	Overall Structure Height	187.00 feet
	Support Structure Height	187.00 feet
	Ground Elevation Above Mean Sea Level (AMSL)	932.00 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Consolidated Electric
Date Constructed	01/01/1957

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:	Minor 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.

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	30
	Explanation	Engineer may have health problems that prevent him from coordinating and overseeing certain activites.
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 Services	Prepare and file Form FCC Construction Permit Application	No
Jei Vices	For Auxiliary Facility	N/A

	For Main Facility	N/A
	Prepare and file Form FCC License to Cover Application	No
	For Auxiliary Facility	N/A
	For Main Facility	N/A
	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	No
	Prepare or Review FCC Form 399 for Reimbursement	Yes
RF Field Engineering Services	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside
Outside
Professional Services Expenses Not Listed
Professional Services ©qstsided.

Other Expenses

Section	Question	Response	
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	No	
	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)?	No	
	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

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 2 KW UHF	\$152,200.00	\$145,200.00		\$84,440.00	
extend ground system	\$1,600.00	\$1,600.00	N/A	N/A	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	N/A	N/A
Other Electrical Service: 50 Amp transmitter service, Wiring, Connectors nd breakers	\$2,850.00	\$2,850.00	N/A	\$2,850.00	N/A
1" Rigid Conduit and Wiring	\$1,500.00	\$1,500.00	N/A	N/A	N/A
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	\$126,000.00	\$120,000.00	N/A	\$81,590.00	N/A
Sub-total	\$152,200.00	\$145,200.00	N/A	\$84,440.00	N/A
Total for all systems	\$510,235.00	\$391,875.00	N/A	\$117,632.57	N/A

Actual Information	
Description	File Name

extend ground system	Information not provided.	
5 Ton system	Information not provided.	
Other Electrical Service: 50 Amp transmitter service , Wiring, Connectors nd breakers	Component Description: Amount:	Electrical service for new transmitter \$2,850.00
1" Rigid Conduit and Wiring	Information not provided.	
UHF - Air Cooled Solid State Transmitter 1 - 2.5 kW	Component Description: Amount:	TV Transmitter \$81,590.00

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 Cos
Primary Antenna PSILPD16EC- 22-EP	\$52,600.00	\$36,960.00		\$18,480.00	
UHF - Lower Power Side Mount, Class A One Station antenna basic	\$26,300.00	\$18,480.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***We are purchasing an upgraded antenna PSIPLPD1601- 25-EP (\$34650) We are asking for reimbursement costs of \$18480 and we will pay the difference.	\$18,480.00	We agree to pay the difference in cost for the antenna we desire to use.
UHF - Lower Power Side Mount, Class A One Station antenna basic	\$26,300.00	\$18,480.00	N/A	\$0.00	N/A
Sub-total	\$52,600.00	\$36,960.00	N/A	\$18,480.00	N/A
Total for all systems	\$510,235.00	\$391,875.00	N/A	\$117,632.57	N/A

Actual Information Description	File Name	
UHF - Lower Power Side Mount, Class A One Station antenna basic	Component Description: Amount:	This is the cost of a horizontal only polarization. We desire to up grade to Elliptical Polarization and will pay the difference in price. \$18,480.00
UHF - Lower Power Side Mount, Class A One Station antenna basic	Information not provided.	

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	\$7,920.00	\$7,430.00		\$7,329.95	
Flexible Air Transmission Line - dielectric, 1 5 /8"	\$7,920.00	\$7,430.00	N/A	\$7,329.95	N/A
Sub-total	\$7,920.00	\$7,430.00	N/A	\$7,329.95	N/A
Total for all systems	\$510,235.00	\$391,875.00	N/A	\$117,632.57	N/A

Actual Information Description	File Name	
Flexible Air Transmission Line - dielectric, 1 5/8"	Component Description: Amount:	Coax Cable with connectors and hardware \$7,329.95

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	\$254,800.00	\$164,000.00		\$6,420.12	
Minor tower reinforcement /modifications	\$158,000.00	\$80,000.00	N/A	\$6,420.12	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$4,000.00	N/A	N/A	N/A
Short Tower (less than 500')	\$84,200.00	\$80,000.00	N/A	N/A	N/A
Sub-total	\$254,800.00	\$164,000.00	N/A	\$6,420.12	N/A
Total for all systems	\$510,235.00	\$391,875.00	N/A	\$117,632.57	N/A

Actual Information		
Description	File Name	

Minor tower reinforcement		
/modifications	Component Description:	Quality Antenna service requires 50% down when project is scheduled. This holds our place in line and starts the project. The other
	Amount:	50% is due and payable when job is completed. \$6,420.12
Structural engineering tower load study for well documented tower	Information not provided.	
Short Tower (less than 500')	Information not provided.	

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
Outside Professional Services	\$27,825.00	\$24,000.00		\$962.50	
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$612.50	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	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	\$350.00	N/A

Total for all systems	\$510,235.00	\$391,875.00	N/A	\$117,632.57	N/A
Sub-total	\$27,825.00	\$24,000.00	N/A	\$962.50	N/A
of the transition					full description of all this invoice covers. When we were assigning estimates we did not consider all that was required. The actual cost is \$1,500 more than our estimate.
Project management	\$4,740.00	\$4,500.00	N/A	\$0.00	Please see
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$500.00	N/A	N/A	N/A
engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$500.00			

Actual Information Description	File Name	
Prepare and or review reimbursement form	Component Description: Amount:	Assistance / Review form 399 For WOCB-CD \$612.50
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Perform engineering study for new channel assignment and antenna development	Information not provided.	

Prepare engineering section		
of FCC Form 2100 (main), Construction Permit	Component Description:	Interference
Application		analysis when
Application		WCPX Maximized
		Showing our
		assigned repack
		channel was no
		longer usable. We
		then applied for a
		new channel.
	Amount:	\$350.00
	Component Description:	This invoice from
		Greg Best covers
		both WOCB-CD
		and WXCB-CD.
		The portion for
		WOCB-CD is
		\$1400.
	Amount:	\$1,400.00
	Component Description:	This invoice if for
		two COACB
		stations.The
		portion of the
		invoice belonging
		to WOCB-CD is
		for \$1400. The
		channel assigned
		to WOCB in the
		repack was not
		usable after
		WCPX filed
		application to
		maximize.
	Amount:	\$1,400.00
Prepare engineering section	Information not provided.	
of FCC Form 2100 (main), License to Cover Application		
Prepare request for Special Temporary Authorization	Information not provided.	
•		

Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Project management of the transition	Component Description:	Project Manager
	Amount:	\$6,000.00

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
Other Expenses	\$14,890.00	\$14,285.00		\$0.00	
Local Zoning	\$500.00	\$500.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$500.00	\$500.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$500.00	\$500.00	N/A	N/A	N/A
Equipment Storage	\$200.00	\$200.00	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	\$11,000.00	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	\$14,890.00	\$14,285.00	N/A	\$0.00	N/A
Total for all systems	\$510,235.00	\$391,875.00	N/A	\$117,632.57	N/A

Components

Information not provided.

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$510,235.00	\$391,875.00	\$117,632.57

Reimbursem	envestiatus	Response
	The facility has ceased operating on its pre- auction channel.	No
	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

Section Question Response

Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 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.
- 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.

- 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 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 abovenamed applicant for the Authorization(s) specified above. David Raymond Aiken President

08/02/2018

Attachments