

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility	9939	Service: DCA	Call	WOCB-CD	Channel: 22 (UHF)
ID:	I		Sign:		
File	000002	4954			
Number:					
FRN: 000	3020260	Date	09/05		
		Submitted:	/2018		

Applicant Name, Type, and Contact Information

Information

on	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	Preparer Contact Name and Information					
Contact Information	Applicant	Address	Phone	Email		
	The Preparer is same as the reimbursement contact.					

Broadcaster	Question	Response
Information and Transition Plan	Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
	Briefly describe transition plan	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	Section	Question	Response
	Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Primary	Existing Transmitter Information					
ransmitter	Section	Question	Response			
	Existing Transmitter Description	Type of change	Purchase New			
		Use	Primary (Main)			
		Description of Use	N/A			
		Ownership	Owned			
		Owner	N/A			
		Site	N/A			
		Is this transmitter currently shared with another station?	No			
		Is this transmitter currently in operating condition?	Yes			
	Existing Transmitter	Manufacturer				
	Manufacturer and Type	Model	1 KW UHF Analogue			
		Year	2004			
		Туре	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power Capacity	1 kW			

Existing Transmitter Information

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

Other Transmitter Cost Not Listed

Primary Transmitter	Other Transmitter Cost Not Listed			
	Name	Description		
	extend ground system	Improved grounding for transmitter.		

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

Primary Antenna	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 Manufacturer and Type	Class	Class A	
		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

Primary	New Antenna Costs				
Antenna	Section	Question	Response		
	New Antenna Description	Use	Primary (Main)		
		Description of Use	N/A		
		Change Type	Purchase New		
		Is this a request for upgraded equipment?	Yes		
		Ownership	Owned		
		Owner	N/A		
		Is antenna shared?	No		
		Is antenna directional?	Yes		
		Will antenna be located on or in close proximity to an antenna farm?	No		
	New Antenna Manufacturer and Types	Class	Class A		
		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.

Primary Other Antenna Costs

Antenna

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	Do you require the sweep testing of transmission line and antenna?	No

Primary
AntennaOther Antenna Cost Not ListedInformation not provided.

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

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

Primary	New Transmission Line			
Transmissio	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.	

Other Transmission Line Expenses Not Listed Transmission

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

Primary	Add Tower			
Tower	Section	Question	Response	
	Existing Tower Description	Type of change	Modify Existing	
		Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Leased	
		Is this tower consider Complex?	No	
		Is this tower currently shared with any other stations?	No	
		One or more FM, AM or TV radio broadcaster(s)	N/A	
		Others Types of Users	N/A	
		Is tower documented for structural analysis?	Yes	
		Is tower compliant with Rev G?	Yes	
	Existing Tower Structure Registration	Do you have a tower registration number?	Yes	
		ASR Number	1015652	
	Coordinates (<u>NAD83</u> (North American Datum of 1983))	Latitude (NAD83)	40° 18' 47.0" N-	
		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 Modification Costs

Tower

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

Primary Tower Rigging Costs

Tower	S

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

Primary Other Tower Expenses Not Listed

Tower Information not provided.

Outside	Section	Question	Response
Professional	I 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	Prepare and file Form FCC Construction Permit Application	No
	Services	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
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Other Professional Services Expenses Not Listed Professional Services roostsided.

Other	Section	Question	Response
Expenses	AM Pattern Disturbance	Is an Impact Study needed?	No
		Is Remediation needed?	No
	Facility Expenses	Name	N/A
		Other Distributed Transmission System Expenses Not listed	N/A
		Name	N/A
		Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
	Permit and Filing Costs	Local Zoning	Yes
		Non-zoning permits	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

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter 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
1" Rigid Conduit and Wiring	\$1,500.00	\$1,500.00	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
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	\$483,935.00	\$373,395.00	N/A	\$117,632.57	N/A

Components

Actual Information
Description File Name

extend ground system	Information not provided.	
5 Ton system	Information not provided.	
1" Rigid Conduit and Wiring	Information not provided.	
Other Electrical Service: 50		
Amp transmitter service,	Component Description:	Electrical service
Wiring, Connectors nd		for new transmitte
breakers	Amount:	N/A
		power for repack transmitter so both transmitters can operate at the
		same time.
	Amount:	\$2,850.00
UHF - Air Cooled Solid State		
Transmitter 1 - 2.5 kW	Component Description:	TV Transmitter

Antennas

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna PSILPD16EC- 22-EP	\$26,300.00	\$18,480.00		\$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.
Sub-total	\$26,300.00	\$18,480.00	N/A	\$18,480.00	N/A
Total for all systems	\$483,935.00	\$373,395.00	N/A	\$117,632.57	N/A

Actual Information	
Description	File Name

Mount, Class A One Station antenna basic	Component Description:	This is the cost of
		a horizontal only
		polarization. We
		desire to up grade
		to Elliptical
		Polarization and
		will pay the
		difference in price.
	Amount:	\$18,480.00

Transmission Line

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$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	\$483,935.00	\$373,395.00	N/A	\$117,632.57	N/A

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

Tower Equipment and Rigging Costs

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	\$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	\$483,935.00	\$373,395.00	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 50% is due and payable when job	
	Amount:	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

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$27,825.00	\$24,000.00		\$962.50	
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
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$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	\$350.00	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	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
Project management of the transition	\$4,740.00	\$4,500.00	N/A	\$0.00	Please see Invoice 17- 1238 for a 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.
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$612.50	N/A
Sub-total	\$27,825.00	\$24,000.00	N/A	\$962.50	N/A
Total for all systems	\$483,935.00	\$373,395.00	N/A	\$117,632.57	N/A

Actual Information Description	File Name
Attorney Fees - Prepare and File request for Special Temporary Authorization	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	Component Description:	Interference
Application		analysis when
Application		WCPX Maximiz
		Showing our
		assigned repack
		channel was no
		longer usable. V
		then applied for
		new channel.
	Amount:	\$350.00
	Component Description:	This invoice if fo
		two COACB
		stations.The
		portion of the
		invoice belongin
		to WOCB-CD is
		for \$1400. The
		channel assigne
		to WOCB in the
		repack was not
		usable after
		WCPX filed
		application to
		maximize.
	Amount:	\$1,400.00
	Component Description:	This invoice fron
		Greg Best cover
		both WOCB-CD
		and WXCB-CD.
		The portion for
		WOCB-CD is
		\$1400.
	Amount:	\$1,400.00
Perform engineering study	Information not provided.	
for new channel assignment and antenna development		
Address transition timing and coordination issues w/	Information not provided.	
other stations and wireless		

Project management of the transition	Component Description: Amount:	Project Manager \$6,000.00
Prepare and or review reimbursement form	Component Description:	Assistance / Review form 399
		For WOCB-CD
	Amount:	\$612.50

Other Expenses

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$14,890.00	\$14,285.00		\$0.00	
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
Local Zoning	\$500.00	\$500.00	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	\$11,000.00	N/A	N/A	N/A

Sub-total	\$14,890.00	\$14,285.00	N/A	\$0.00	N/A
Total for all systems	\$483,935.00	\$373,395.00	N/A	\$117,632.57	N/A

Components

Information not provided.

Cost Information	Grand Total					
		Predetermined Cost Estimate	Estimated Cost	Actual Cost		
	Total for all systems	\$483,935.00	\$373,395.00	\$117,632.57		

Reimbursem	entestiatus	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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		 The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 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).
- 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.	David Raymond Aiken President

Attachments