

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	40211	Service: DCA	Call Sign:	WYBE-CD	Channel: 34 (UHF)
File Number:	000002	7609	- 3		
FRN: 00	03761905	Date Submitted:	09/03 /2019		

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
MULTIMEDIA NETWORK OF NC, INC Doing Business As: MULTIMEDIA NETWORK OF NC, INC	Dr.Mark Evans 110 TORREY PINES LANE PINEHURST, NC 28374 United States	+1 (910) 215- 5686	markmywords@embarqmail. com	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

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

Broadcaster	Question
Information	
and	
Transition	
Plan	

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	Station will submit application for construction permit (Schedule E) and estimates of equipment costs for which station is eligible for reimbursement.

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

Primary	Existing Transmitter Infor	mation	n			
Transmitter	Section	Question	Response			
	Existing Transmitter Description	Type of change	Purchase New			
	Use		Primary (Main)			
		Description of Use	N/A			
		Ownership	Owned			
		Owner	N/A			
		Site	N/A			
		Is this transmitter currently shared with another station?	No			
		Is this transmitter currently in operating condition?	Yes			
	Existing Transmitter	Manufacturer				
	Manufacturer and Type	Model	ITS-220A			
		Year	1996			
		Туре	Solid State			
		Solid State Cooling	Air Cooled			
		Solid State Power Capacity	0.03 kW			

Existing Transmitter Information

Primary	New Transmitter Costs		
Transmitter	Section	Question	Response
	New Transmitter	nitter Use	Primary (Main)
		Change Type	Purchase New
		Is this a request for upgraded equipment?	No
		Manufacturer	
		Model	UAXTE-50
	Transmitter Type Solid State Cooling Solid State Power capacity	Solid State	
		Air Cooled	
		0.11 kW	
			Transmitter no longer manufactured. Parts not available to retune.

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 Size Length	No
			N/A
			N/A
		Other Electrical Service	No
		Description	N/A
	HVAC Service	Does the replacement transmitter require HVAC Service?	No

	Туре	N/A
	Size	N/A
	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	
	Transmitter Rack	From Gates Air	
	Installation	Separately billed installation cost	

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

Existing Antenna Information

Primary

Antenna	Section	Question	Response
	Existing Antenna Description	Type of change	Retune Existing
		Antenna Use	Primary (Main)
		Description of Use	N/A
		Ownership	Owned
		Owner	N/A
		Site	N/A
		Is the existing antenna shared with another station or stations?	No
		Is the existing antenna directional?	Yes
		Is antenna in operating condition?	Yes
		Is antenna located on or in close proximity to an antenna farm?	No
	Existing Antenna Manufacturer and Type	Class	Class A
		Mounting	Side Mount
		Antenna position in stack	Not in Stack
		Polarization	Horizontal
		Туре	Other
		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	UHF Dipole with grid reflectors
ERP: (Effective Radiated Power)	0.11 kW
Manufacturer	Scala
Model	WYBE- SCACUSTOM
Year	1996

Adjustment to Existing Antenna Primary Antenna Section Question Response Do you need a sweep test of existing **Sweep Test of Existing** No Antenna antenna?

Other Antenna Costs Primary

Antenna Section Question Response **Combiner for Shared** No Do you need a Combiner for a Shared Antenna Antenna? Туре Number of channels supported N/A Frequencies of channels supported N/A Frequency

Other Antenna Cost Not Listed Primary

Antenna

Name

Description

PDL2-55-50 two-way, equal split ratio power divider, broadband 470-614 MHz, max input 100-watts with 50 ohm type. PRFTV-34-50 Paraflector feed assembly, Channel 34 (590-596 MHz)

Transmissior	Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	No

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 Tower	Add Tower			
	Section	Question	Response	
	Existing Tower	Type of change	Move Equipment	
	Description	Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Leased	
		Is this tower consider Complex?	No	
		Is this tower currently shared with any other stations?	Yes	
		One or more FM, AM or TV radio broadcaster(s)	Yes	
		Others Types of Users	No	
		Is tower documented for structural analysis?	Unknown	
		Is tower compliant with Rev G?	Unknown	
	Existing Tower	Do you have a tower registration number?	Yes	
	Structure Registration	ASR Number	1006461	
	Coordinates (NAD83	Latitude (NAD83)	35° 09' 58.0" N-	
	(North American Datum of 1983))	Longitude (NAD83)	079° 25' 11.0" W-	
		Overall Structure Height	250.00 feet	

Ground Elevation Above Mean Sea Level (AMSL)	479.65 feet
Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	MUIRFIELD BROADCASTING INC
Date Constructed	10/01/1990

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Facility ID	Call Sign	Service
25204	WIOZ-FM	FM
46949	WIOZ	AM

Primary Tower Rigging Costs

Tower

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	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	16
		Explanation	We need technical assistance from a consulting engineer regarding configuration. This requires on-site presence of the engineer for an estimated 16 hours.
	Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	No
		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	No
		Quantity	N/A
		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	No
	Quantity	N/A
	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	No
	Address transition timing and coordination issues w/ other stations and wireless providers	No
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

Professional	Services Costs	Description
	Consulting and Onsite Engineering Services	Engineering Consulting and On-Site Coordination of Equipment Required for Repacking with New Transmitter and Antenna equipment

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	No
		Non-zoning permits	No
		BLM or NFS Coordination	No
		FCC Construction Permit Minor Change	No
		FCC License to Cover Application	No
		FCC Special Temporary Authority Application	No
	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?	Yes
		Does this relocation require Equipment Storage?	No
		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

Other Expenses

Name	Description
Cable Carrier 2 Notification	Notification of Cable Carrier 2 as required
Cable Notification	Notification of Cable Carrier as required
Freight	Shipping charges for transmitter and other listed equipment
Mask Filter System	Required for transmitter to broadcast FCC approved signal and channel
Medical-Cable Notification Postal	Postal receipts for notification of medical and cable facilities
Rack Screws	Required to secure transmitter to rack
Tower Crew	Necessary to climb the tower and modify antenna and install equipment.
License to Cover Fee Paid to the F.C.C.	License to Cover Fee paid to the F.C.C. Advised that this is reimbursable.

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 UAXTE-50	\$21,456.50	\$21,456.50		\$21,456.50	
UHF - Air Cooled Solid State Transmitter 0.11 kW	\$9,520.00	\$9,520.00	N/A	\$9,520.00	N/A
Installation	\$7,985.00	\$7,985.00	N/A	\$7,985.00	N/A
Transmitter Rack	\$3,951.50	\$3,951.50	Engineer has recommended a rack incorporating an electrical power strip. Rack must have casters to be able to move to service equipment being added as a result of the repack requirements.	\$3,951.50	N/A
Sub-total	\$21,456.50	\$21,456.50	N/A	\$21,456.50	N/A
Total for all systems	\$151,863.05	\$65,420.05	N/A	\$30,267.10	N/A

Components

Actual Information	
Description	File Name

UHF - Air Cooled Solid State Transmitter 0.11 kW	Component Description: Amount:	Transmitter \$9,520.00
Installation		
	Component Description:	Installation of
		transmitter
	Amount:	\$7,985.00
Transmitter Rack		
	Component Description:	Equipment rack
		as required for
		transmitter and
		components
		already ordered.
	Amount:	\$3,951.50

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 WYBE- SCACUSTOM	\$7,789.00	\$7,459.00		\$1,006.05	
Feedhorns and power divider	\$1,059.00	\$1,059.00	N/A	\$1,006.05	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$7,789.00	\$7,459.00	N/A	\$1,006.05	N/A
Total for all systems	\$151,863.05	\$65,420.05	N/A	\$30,267.10	N/A

Components

Actual Information Description	File Name	
Feedhorns and power divider		
	Component Description: Amount:	Two feedhorns and power divider as previously requested. \$1,006.05
Sweep test of existing antenna	Information not provided.	

Cost Transmission Line

Information Information not provided.

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	\$84,200.00	\$5,000.00		\$0.00	
Short Tower (less than 500')	\$84,200.00	\$5,000.00	N/A	N/A	N/A
Sub-total	\$84,200.00	\$5,000.00	N/A	\$0.00	N/A
Total for all systems	\$151,863.05	\$65,420.05	N/A	\$30,267.10	N/A

Components

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	\$15,363.00	\$15,000.00		\$0.00	
Consulting and Onsite Engineering Services	\$8,100.00	\$8,100.00	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
Project management of the transition	\$2,528.00	\$2,400.00	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
Sub-total	\$15,363.00	\$15,000.00	N/A	\$0.00	N/A
Total for all systems	\$151,863.05	\$65,420.05	N/A	\$30,267.10	N/A

Components

Information not provided.

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	\$23,054.55	\$16,504.55		\$7,804.55	
License to Cover Fee Paid to the F. C.C.	\$335.00	\$335.00	N/A	\$335.00	N/A
Tower Crew	\$2,350.00	\$2,350.00	Upon examination of the time and crew requirements, the tower company has supplied a slightly increased estimate from the original expectation of \$2000.00 for labor and hours	\$2,350.00	N/A
Rack Screws	\$33.00	\$33.00	N/A	\$33.00	N/A
Medical-Cable Notification Postal	\$6. <i>85</i>	\$6.85	Please note. U.S. Postal Service does not provide written estimates, only actual costs.	\$6.85	N/A
Mask Filter System	\$1,566.00	\$1,566.00	N/A	\$1,566.00	N/A
Freight	\$3,500.00	\$3,500.00	N/A	\$3,500.00	N/A

Cable Notification	\$6.85	\$6.85	N/A	\$6.85	N/A
Cable Carrier 2 Notification	\$6.85	\$6.85	N/A	\$6.85	N/A
MVPD Notification of Channel Change	\$0.00	\$0.00	We were able to accomplish this ourselves without an outside consulting firm.	N/A	N/A
Develop and air announcement of upcoming channel change	\$3,200.00	\$3,200.00	Estimate for production costs to develop ad, replacement of broadcast spots on the air.	N/A	N/A
Equipment Delivery and Handling Charges	\$500.00	\$500.00	Quotes for transmitter and antenna specify freight to be billed at time of invoice. Estimated cost is for \$500.00	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,000.00	N/A	N/A	N/A
Sub-total	\$23,054.55	\$16,504.55	N/A	\$7,804.55	N/A
Total for all systems	\$151,863.05	\$65,420.05	N/A	\$30,267.10	N/A

Components

Actual Information	
Description	File Name

License to Cover Fee Paid		
to the F.C.C.	Component Description:	Reimbursable Fee
		paid for :License to
		Cover
	Amount:	\$335.00
Tower Crew		
	Component Description:	On site tower
		services as
		required by the
		repack
		modification to
		antenna.
	Amount:	\$2,350.00
		. ,
Rack Screws		
	Component Description:	Rack Screws
	Amount:	\$33.00
		ψ 00.00
Medical-Cable Notification		
Postal	Component Description:	Postal Service
	component Description.	notification of
		medical facility as
		required
	Amount:	\$6.85
	Amount.	40.00
Mask Filter System		
	Component Description:	Mask Filter
	Amount:	\$1,566.00
Freight		End 14
	Component Description:	Freight
	Amount:	\$3,500.00
Cable Notification		
	Component Description:	Cable Carrier
	•	notification postal
		receipt

Cable Carrier 2 Notification		
	Component Description:	Cable Carrier Notification Postal Receipt
	Amount:	\$6.85
MVPD Notification of Channel Change	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Delivery and Handling Charges	Information not provided.	
DTV Medical Facility Notification	Information not provided.	

Cost	Grand Total				
Information		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$151,863.05	\$65,420.05	\$30,267.10	

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	Construction of final facilities or all necessary modifications are complete.	Yes
	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.	Mark Evans , PhD . 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 IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		 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. 	
		2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.	
		3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

- 4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
- 5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster **Relocation Fund are** necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

 8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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. 	
I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	Mark Evans , PhD . President
	09/03/2019

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information 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 and represents 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. The above-named entity acknowledges the submission of the information are 	
		information herein creates no obligation on the part of the government to pay any amount.	

4.	entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above- named entity, including any discounts, refunds, or rebates. 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.	
5.	The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.	
6.	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.	
an au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ied above.	Mark Evans , PhD . President

Attachments