

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility	49236	Service: DCA	Call	WDNN-CD	Channel: 20 (UHF)
ID:			Sign:		
File	000002	8692			
Number:					
FRN: 002	27847094	Date	05/30		
		Submitted:	/2019		

Applicant Name, Type, and Contact Information

Information

Applicant	Address	Phone	Email	Applicant Type
NORTH GEORGIA TELEVISION Doing Business As: NORTH GEORGIA TELEVISION	Deborah Boyd PO Box 1740 Dalton, GA 30721 United States	+1 (706) 278-9713	dboyd@wdnntv. com	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer	Preparer Contact Name and Information			one Email
Contact Information	Applicant	Address	Phone	Email
	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.	Yes
Briefly describe transition plan	WDNN-CD & WDGA-CD share the same transmitter room, combiner and antenna.

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

Primary	Existing Transmitter Information			
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	560	
		Year	2009	
		Туре	Solid State	
		Solid State Cooling	Air Cooled	
		Solid State Power Capacity	0.5 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 Transmitter Type Solid State Cooling	Model	TRN-5X-4D- U-C		
		Transmitter Type	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power capacity	0.5 kW		
		Justification for New Transmitter	Old transmitter not readily tunable over required span.		

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	No	
		Size	N/A	
		Length	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

Other Transmitter Cost Not Listed

Primary Other Transmitter Co Transmitter Information not provided.

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?	Yes	
		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)	5.92 kW	

Manufacturer	
Model	SL-8
Year	2009

Facility ID's and Call Signs of all stations with whom the antenna is shared.

Facility ID	Call Sign
49235	WDGA-CD

Primary Antenna	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?	Yes	
		Is antenna directional?	No	
		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	Horizontal	
		Туре	Broadband Slot	
		Number of Stations Supported	2	
		Number of Panels/Bays	1	
		Lower Limit	506.00 MHz	
		Upper Limit	572.00 MHz	
		Design power capacity in use	100.0 %	
		Other Antenna Type	N/A	
		ERP: (Effective Radiated Power)	3.28 kW	
		Manufacturer		

Model	JA/MS-8 /D20-D30
Year	2017
Justification for New Antenna	ANTENNA IS SHARED BY TWO CHANNELS OLD ANTENNA WILL NOT WORAK FOR THE NEW SHARED CHANNELS 20 & 30.

Primary Other Antenna Costs

Antenna	Section	Question	Response
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
		Туре	New
		Number of channels supported	2
		Frequencies of channels supported	Upper and lower frequency
		Frequency	506.0 MHz - 572.0 MH
		Do you need a combiner output splitter /switcher for dual feed lines?	No
	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

Primary	Existing Transmission Line			
Transmissio	n 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?	Yes	
		Is Transmission Line in operating condition?	Yes	
	Existing Transmission Line Manufacturer and Type	Manufacturer		
		Туре	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	

Facility ID's and Call Signs of all stations with whom the transmission line is shared.

Existing Transmission Line

Facility ID	Call Sign
49235	WDGA-CD

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 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	
		Justification for New Transmission Line	Transmission lines have been damaged in previous storms and unreliable.	

Primary Other Transmission Line Expenses Not Listed

Transmission to me tion not provided.

Tower	Section	Question	Response
Equipment And Rigging Costs	Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	No

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	30
		Explanation	No in house capability.
	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	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

		N1/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	Yes
	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	Yes
	Number of Days	3
	Justification	Contract engineer to install and turn on equipment.

 Outside
 Other Professional Services Expenses Not Listed

 Professional
 Services Costs
 Description

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	Yes
		FCC License to Cover Application	Yes
		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?	No
		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	Other Expenses Not Listed				
	Name	Description			
	Dehydrator	Dryline Dehydrator 19" rack mountable,50 /60Hz			

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 TRN-5X-4D-U-C	\$21,000.00	\$21,000.00		\$18,456.20	
UHF - Air Cooled Solid State Transmitter 0.5 kW	\$21,000.00	\$21,000.00	N/A	\$18,456.20	N/A
Sub-total	\$21,000.00	\$21,000.00	N/A	\$18,456.20	N/A
Total for all systems	\$178,509.00	\$79,957.50	N/A	\$49,758.70	N/A

Actual Information Description	File Name	
UHF - Air Cooled Solid State Transmitter 0.5 kW	Component Description:	Invoice is for Transmitter and for combiner the amount requested is for transmitter with discount plus shipping and handling \$18,456.20

Antennas

Cost Information

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

Description Primary	Predetermined Cost Estimate \$102,915.00	Estimated Cost \$22,215.00	Estimated Cost Justification	Actual Cost \$15,462.50	Actual Cost Justification
Antenna JA /MS-8/D20-D30					
UHF - Lower Power, Side Mount, Class A, basic slot antenna, 1 bay,, 3 kW input, horizontally polarized	\$18,715.00	\$18,715.00	N/A	\$13,187.50	Facility ID 49235 & 49236 share antenna 50% of costs for antenna and shipping is \$13187.50
New combiner, cost per channel (without antenna)	\$84,200.00	\$3,500.00	N/A	\$2,275.00	N/A
Sub-total	\$102,915.00	\$22,215.00	N/A	\$15,462.50	N/A
Total for all systems	\$178,509.00	\$79,957.50	N/A	\$49,758.70	N/A

Actual Information	
Description	File Name

UHF - Lower Power, Side Mount, Class A, basic slot	Component Description:	Invoice amount i
antenna, 1 bay,, 3 kW input,		split between
horizontally polarized		WDNN and
		WDGA equally
	Amount:	\$13,187.50
	Component Description:	Facility ID 49235
		& 49236 share
		antenna and line
		50% of costs for
		antenna and
		shipping is
		\$14,115.
	Amount:	N/A
New combiner, cost per		
channel (without antenna)	Component Description:	Combiner
	Amount:	\$2,275.00

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	\$3,600.00	\$2,421.50		\$0.00	
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$3,600.00	\$2,421.50	The tower was damaged in a storm and snapped at the current antenna position. Another tower on the other side of the current transmitter building has space available but is 25 ft further away so need extra line from original request.	\$0.00	N/A
Sub-total	\$3,600.00	\$2,421.50	N/A	\$0.00	N/A
Total for all systems	\$178,509.00	\$79,957.50	N/A	\$49,758.70	N/A

Components

Actual Information Description File Name

Flexible Foam Transmission		
Line - dielectric, 1 5/8"	Component Description:	Not requesting
		line at this time
	Amount:	N/A

Cost Tower Equipment and Rigging Costs

Information 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	\$31,965.00	\$22,600.00		\$9,650.00	
Tower Labor	\$10,000.00	\$10,000.00	N/A	\$3,500.00	N/A
Additional Field Engineering Service, 3 Days	\$2,500.00	\$2,500.00	N/A	\$1,750.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,000.00	N/A	\$800.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$1,500.00	N/A	N/A	N/A
Project management of the transition	\$4,740.00	\$4,000.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$1,600.00	N/A	\$1,600.00	N/A

Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$2,000.00	N/A	\$2,000.00	N/A
Sub-total	\$31,965.00	\$22,600.00	N/A	\$9,650.00	N/A
Total for all systems	\$178,509.00	\$79,957.50	N/A	\$49,758.70	N/A

Actual Information Description	File Name	
Tower Labor	Component Description: Amount:	Install Antenna on Tower \$3,500.00
Additional Field Engineering Service, 3 Days	Component Description: Amount:	Field Engineer \$1,750.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	Form 2100 - Engineer Section License to Cover WDNN \$800.00
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Project management of the transition	Information not provided.	

Prepare and or review reimbursement form	Component Description:	Prepare reimbursement
	Amount:	form WDNN \$1,600.00
	Component Description:	Prepare and review reimbursement to
	Amount:	transition \$1,600.00
Perform engineering study or new channel Issignment and antenna Ievelopment	Component Description:	Engineer study for new channel
	Amount:	assignment WDNN \$2,000.00

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	\$19,029.00	\$11,721.00		\$6,190.00	
Dehydrator	\$3,136.00	\$3,136.00	Dehydrator needed to keep water from getting into line because of the kind of wire used.	\$0.00	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	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
Develop and air announcement of upcoming channel change	\$1,000.00	\$1,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$1,898.00	\$1,898.00	N/A	\$1,898.00	N/A
DTV Medical Facility Notification	\$11,550.00	\$4,292.00	N/A	\$4,292.00	N/A
Sub-total	\$19,029.00	\$11,721.00	N/A	\$6,190.00	N/A

Total for all	\$178,509.00	\$79,957.50	N/A	\$49,758.70	N/A
systems					

Actual Information Description	File Name	
Dehydrator	Component Description: Amount:	Not requesting dehydrator at this time N/A
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
Develop and air announcement of upcoming channel change	Information not provided.	
MVPD Notification of Channel Change	Component Description: Amount:	WDNN-CD MVPD \$1,898.00
DTV Medical Facility Notification	Component Description: Amount:	WDNN-CD Medical \$4,292.00

Grand Total				
	Predetermined Cost Estimate	Estimated Cost	Actual Cost	
Total for all systems	\$178,509.00	\$79,957.50	\$49,758.70	
		Predetermined Cost Estimate	Predetermined Cost Estimate Estimated Cost	

Reimbursem	envestianus	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. 	
		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).
- 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.	Deborah Boyd , Boyd . Secretary
	05/30/2019

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).
- 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.

	The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 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.	
an au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ied above.	Deborah Boyd , Boyd . Secretary
		05/30/2019

Attachments