

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	57292	Service: DTV	Call Sign:	WAAY-TV	Channel: 17 (UHF)
File Number:	00000	27628	Olgi		
FRN: 00	25852393	Date Submitted:	09/07 /2018		

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
ALABAMA TV LICENSE COMPANY, LLC	3282 NORTHSIDE PARKWAY SUITE 275 ATLANTA, GA 30327 United States	+1 (470) 355- 1944	jburgett@wileyrein. com	Limited Liability Company

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer	Preparer Contact Name and Information	eparer Contact Name and Information				
Contact Information	Applicant	Address	ss 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.	Yes
Briefly describe transition plan	WAAY (post ch. 17, Phase 2) & WZDX (pro- ch. 41/post ch. 18, Phase 8) to re-use shared antenna. WAAY to install new transmitter & constant impedance mask filter for shared 17/41 operations until Phase 8, then will implement shared 17/18 operations.

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

uxiliary	Add Transmitter Information				
ransmitter	Section	Question	Response		
	Existing Transmitter Description	Type of change	Purchase New		
		Use	Auxiliary (Backup)		
		Description of Use	Backup		
		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	Ranger		
		Year	2003		
		Туре	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power Capacity	.5 kW		

Add Transmitter Information

Auxiliary	New Transmitter Costs	smitter Costs			
Transmitter	Section	Question	Response		
	New Transmitter	Use	Auxiliary (Backup)		
		Change Type	Purchase New		
		Is this a request for upgraded equipment?	No		
		Manufacturer			
			UAXTE1		
		Transmitter Type	Solid State		
		Solid State Cooling	Air Cooled		
		Solid State Power capacity	.6 kW		
		Justification for New Transmitter	Existing aux /backup transmitter cannot be re- channeled to meet repack channel assignment and is no longer supported by manufacturer.		

Other Transmitter Costs

Auxiliary 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	1.5 inches		

		1
	Length	1000.0 feet
	Other Electrical Service	Yes
	Description	Connect power panel to Aux transmitter
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

Auxiliary Other Transmitter Cost Not Listed

Transmitter Information not provided.

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	Quantum		
		Year	2002		
		Туре	Solid State		
		Solid State Cooling	Liquid Cooled		
		Solid State Power Capacity	30 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	ULXTE-16	
		Transmitter Type	Solid State	
		Solid State Cooling	Liquid Cooled	
		Solid State Power capacity	10.8 kW	
		Justification for New Transmitter	Primary transmitter cannot be re- channeled to meet repack channel assignment and is no longer supported by manufacturer.	

Other Transmitter Costs

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	1.5 inches

	Length	1000.0 feet
	Other Electrical Service	Yes
	Description	Connecting power panel to new transmitter
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 Other Transmitter Cost Not Listed

Transmitter Information not provided.

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	Leased
		Owner	American Tower
		Site	N/A
		Is the existing antenna shared with another station or stations?	Yes
		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	Class	Full Power
	Manufacturer and Type	Mounting	Top Mount
		Antenna position in stack	Bottom
		Polarization	Horizontal
		Туре	Broadband Panel
		Number of Stations Supported	1
		Number of Panels	70
		Design power capacity in use	50.0 %

Lower Limit	470.00 MHz
Upper Limit	860.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	700.0 kW
Manufacturer	Dielectric
Model	TUD-S5B- 14/70H-1-T
Year	2001

Response

Yes

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

Facility ID	Call Sign
57292	WAAY-TV
28119	WZDX

Primary	Adjustment to Existing Antenna	
Antenna	Section	Question
	Sweep Test of Existing	Do you need a sweep test of existing

antenna?

Primary Other Antenna Costs

Antenna

Antenna Section Combiner for Shared Antenna	Section	Question	Response
		Do you need a Combiner for a Shared Antenna?	Yes
		Туре	New
		Number of channels supported	2
		Frequencies of channels supported	RF channel
	Frequency	N/A	

Enter a list of RF channel numbers.

RF Channel Number

17

18

Primary Antenna

Other Antenna Cost Not Listed

Name	Description
Combiner Installation	Cost to install the new channel 17 combiner module in existing broadband combiner system
Combiner Interconnects	6-1/8", 3-1/8", & 4-1/16" combiner interconnects required to connect new channel 17 combiner module

Transmission ^{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?	No

Outside	Section	Question	Response
Professional	Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
		Number of Hours	37
-		Explanation	Manage combiner ordering, shipping, installation, and testing
	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	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	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	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

Outside	Other Professional Services Expenses Not Listed			
Professiona	I Services Costs	Description		
	RF System Test	Testing of the combiner to ensure all frequencies are tuned for optimal patterns.		

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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	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)?	Yes
		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

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 ULXTE-16	\$500,500.00	\$476,000.00		\$393,455.77	
Other Electrical Service: Connecting power panel to new transmitter	\$3,000.00	\$3,000.00	N/A	N/A	N/A
1.5" Rigid Conduit and Wiring	\$3,000.00	\$3,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$470,000.00	N/A	\$393,455.77	N/A
Auxiliary Transmitter UAXTE1	\$89,957.35	\$89,957.35		\$71,907.11	
UHF - Air Cooled Solid State Transmitter . 6 kW	\$83,957.35	\$83,957.35	See Attachment "WAAY - Gates Air UAXTE 1 Auxiliary Transmitter Invoice and Quote.pdf" showing total with estimated shipping and taxes included.	\$71,907.11	N/A

1.5" Rigid Conduit and Wiring	\$3,000.00	\$3,000.00	N/A	N/A	N/A
Other Electrical Service: Connect power panel to Aux transmitter	\$3,000.00	\$3,000.00	N/A	N/A	N/A
Sub-total	\$590,457.35	\$565,957.35	N/A	\$465,362.88	N/A
Total for all systems	\$1,030,693.35	\$726,127.35	N/A	\$577,957.88	N/A

Components

Actual Information Description	File Name
Other Electrical Service: Connecting power panel to new transmitter	Information not provided.
1.5" Rigid Conduit and Wiring	Information not provided.

State Transmitter 8.2 - 13 kW	Component Description:	WAAY-Primary
	P	Transmitter
		(ULXTE-16).
		Request does no
		include cost for
		shipping and
		taxes, which will
		be requested
		when these
		expenses are
		incurred. See
		Attachment
		"WAAY-GatesAir
		ULXTE-16
		Primary
		Transmitter
		Invoice and Quot
		(submitted
	_	4.23.2018).pdf."
	Amount:	\$393,455.77
UHF - Air Cooled Solid State Transmitter .6 kW	Component Description:	WAAY - Auxiliary Transmitter
		(UAXTE-1R37).
		Request does no
		include estimated
		costs for shipping
		and taxes, which
		will be requested
		with a separate
		invoice when
		these expenses
		are incurred.
	Amount:	\$71,907.11
1.5" Rigid Conduit and Wiring	Information not provided.	
•		
Other Electrical Service:	Information not provided.	
	Information not provided.	

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 TUD-S5B-14 /70H-1-T	\$372,525.00	\$94,595.00		\$94,595.00	
Combiner Interconnects	\$24,305.00	\$24,305.00	Estimated cost shown is WAAY- TV's total cost for shared American Tower project. See Attachment "American Tower Invoice for Shared Project (revised)."	\$24,305.00	N/A
Sweep test of existing antenna	\$6,730.00	\$5,000.00	Estimated cost shown is WAAY- TV's total cost for shared American Tower project. See Attachment "American Tower Invoice for Shared Project (revised)."	\$5,000.00	N/A

horizontally polarized Sub-total	\$372,525.00	\$94,595.00	N/A	\$94,595.00	N/A
horizontally					
UHF - High Power Top Mount (200- 1000 kW), One station antenna,	\$247,000.00	\$0.00	N/A	\$0.00	N/A
Combiner Installation	\$10,290.00	\$10,290.00	Estimated cost shown is WAAY- TV's total cost for shared American Tower project. See Attachment "American Tower Invoice for Shared Project (revised)."	\$10,290.00	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$55,000.00	Estimated cost shown is WAAY- TV's total cost for shared American Tower project. See Attachment "American Tower Invoice for Shared Project (revised)."	\$55,000.00	N/A

Components

Actual Information Description	File Name	
Combiner Interconnects		
	Component Description:	Actual Cost requested is WAAY-TV's total cost for shared American Tower project. See "American Tower Invoice for Shared Project
	Amount:	(revised)." \$24,305.00
Sweep test of existing antenna		
	Component Description:	Actual Cost requested is WAAY-TV's total cost for shared American Tower project. See "American Tower Invoice for Shared Project (revised)."
	Amount:	\$5,000.00
New combiner, cost per channel (without antenna)	Component Description:	Actual Cost requested is WAAY-TV's total cost for shared
		American Tower project. See "American Tower Invoice for Shared Project (revised)."
	Amount:	\$55,000.00

Combiner Installation		
	Component Description:	Actual Cost requested is WAAY-TV's total cost for shared American Tower project. See" American Tower Invoice for Shared Project (revised)." \$10,290.00
UHF - High Power Top Mount (200-1000 kW), One	Information not provided.	
station antenna, horizontally polarized		

Cost Transmission Line

Information Information not provided.

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	\$35,826.00	\$34,250.00		\$18,000.00	
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	Estimated cost shown is WAAY- TV's total cost for shared American Tower project. See Attachment "American Tower Invoice for Shared Project (revised)."	\$2,500.00	N/A

Draiaat	\$5,846.00		D ative at a d	\$5 500 00	N/A
Project management of the transition	φυ,ο40.υυ	\$5,500.00	Estimated cost shown is WAAY- TV's total cost for shared American Tower project. See Attachment "American Tower Invoice for Shared Project (revised)."	\$5,500.00	
RF System Test	\$5,000.00	\$5,000.00	Estimated cost shown is WAAY- TV's total cost for shared American Tower project. See Attachment "American Tower Invoice for Shared Project (revised)."	\$5,000.00	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$5,000.00	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Sub-total	\$35,826.00	\$34,250.00	N/A	\$18,000.00	N/A
Total for all systems	\$1,030,693.35	\$726,127.35	N/A	\$577,957.88	N/A

Components

Actual Information	
Description	File Name

Address transition timing and		
coordination issues w/ other stations and wireless	Component Description:	Actual Cost requested is WAAY-TV's total cost for shared American Tower project. See "American Tower Invoice for Shared Project (revised)." \$2,500.00
Project management of the		
transition	Component Description:	Actual Cost requested is WAAY-TV's total cost for shared American Tower project. See "American Tower Invoice for Shared Project (revised)." \$5,500.00
RF System Test	Component Description:	Actual Cost requested is WAAY-TV's total cost for shared American Tower project. See "American Tower Invoice for Shared Project (revised)." \$5,000.00
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	

Prepare and or review reimbursement form	Information not provided.	
for new channel assignment and antenna development	Component Description:	Actual Cost requested is WAAY-TV's tota cost for shared American Towe project. See "American Towe Invoice for Shared Project (revised)." \$5,000.00
of FCC Form 2100 (main), Construction Permit Application Perform engineering study		
Prepare engineering section of FCC Form 2100 (main), License to Cover Application Prepare engineering section	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	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	\$31,885.00	\$31,325.00		\$0.00	
Equipment Delivery and Handling Charges	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$5,000.00	\$5,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$5,000.00	\$5,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$5,000.00	\$5,000.00	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
Sub-total	\$31,885.00	\$31,325.00	N/A	\$0.00	N/A
Total for all systems	\$1,030,693.35	\$726,127.35	N/A	\$577,957.88	N/A

Components

Information not provided.

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$1,030,693.35	\$726,127.35	\$577,957.88

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 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.

I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s)Robert S.Prather , Jr		 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. 	
specified above. CEO	an au name	thorized representative of the above- ed applicant for the Authorization(s)	

Attachments