Approved by OMB (Office of Management and Budget) 3060-1178

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: **0000027628**

FRN: **0025852393** | Date Submitted: **04/23/2018**

Applicant Information

Applicant Name, Type, and Contact 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 Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

Broadcaster Information and Transition Plan

Question	Response

Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	WAAY (post ch. 17, Phase 2) & WZDX (pre ch. 41/post ch. 18, Phase 8) to re-use shared antenna. WAAY to install new transmitter & interim combiner for shared 17 /41 operations until Phase 8, then install mask filter for 17/18 operations. See Attachment 1.

Transmitters

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

Auxiliary Transmitter

Add Transmitter Information

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 and Type	Manufacturer	
	Model	Ranger
	Year	2003
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	.5 kW

Auxiliary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	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.

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

	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
	Type	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 Transmitter

Other Transmitter Cost Not Listed

Information not provided.

Primary Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Quantum
	Year	2002
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	30 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	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.

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
	Type	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
Install Interim Combiner	Repack stations WAAY (post ch. 17, Phase 2) & WZDX (pre ch. 41/post ch. 18, Phase 8) share antenna. Interim combiner to allow 17/41 operations until Phase 8. See Attachment 1.
Install Constant Impedance Mask Filter	In Phase 8, will replace interim combiner with constant impedance mask filter for final WAAY ch. 17 & WZDX ch. 18 operations. See Attachment 1.

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	No

Transmission Line

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

Tower Equipment And Rigging Costs

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

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	193
	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 Services	Prepare and file Form FCC Construction Permit Application	Yes
	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
Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Information not provided.

Other Expenses

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

Other Expenses Not Listed

Information not provided.

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter ULXTE-16	**$617,570.00**	**$593,070.00**		**$393,455.77**	
Install Constant Impedance Mask Filter	***$54,250.00***	$54,250.00	Estimated cost shown is 50% of total cost for shared constant impedance mask filter.	N/A	N/A
Install Interim Combiner	***$62,820.00***	$62,820.00	Estimated cost shown is 50% of total cost for shared interim combiner.	N/A	N/A
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	$707,527.35	$683,027.35	N/A	$465,362.88	N/A
Total for all systems	$795,996.35	$768,122.35	N/A	$465,362.88	N/A

Components

Actual Information Description	File Name
Install Constant Impedance Mask Filter	Information not provided.
Install Interim Combiner	Information not provided.
Other Electrical Service: Connecting power panel to new transmitter	Information not provided.
1.5" Rigid Conduit and Wiring	Information not provided.

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	**Component Description:** **Amount:**	WAAY-Primary Transmitter (ULXTE-16). Request does not 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 Quote (submitted 4.23.2018).pdf." $393,455.77
UHF - Air Cooled Solid State Transmitter .6 kW	**Component Description:** **Amount:**	WAAY - Auxiliary Transmitter (UAXTE-1R37). Request does not include costs for shipping and taxes, which will be requested when these expenses are incurred. See Attachment "WAAY - Gates Air UAXTE 1 Auxiliary Transmitter Invoice and Quote. pdf." $71,907.11
1.5" Rigid Conduit and Wiring	Information not provided.	

Other Electrical Service: Connect power panel to Aux transmitter	Information not provided.

Cost Information

Antennas

Information not provided.

Cost Information

Transmission Line

Information not provided.

Cost Information

Tower Equipment and Rigging Costs

Information not provided.

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	**$55,474.00**	**$52,700.00**		**$0.00**	
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
Prepare and or review reimbursement form	$2,630.00	$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	N/A	N/A

Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$2,500.00	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
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	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
Project management of the transition	$30,494.00	$28,950.00	N/A	N/A	N/A
Sub-total	$55,474.00	$52,700.00	N/A	$0.00	N/A
Total for all systems	$795,996.35	$768,122.35	N/A	$465,362.88	N/A

Components

Information not provided.

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	**$32,995.00**	**$32,395.00**		**$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
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
MVPD Notification of Channel Change	***$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

Sub-total	$32,995.00	$32,395.00	N/A	$0.00	N/A
Total for all systems	$795,996.35	$768,122.35	N/A	$465,362.88	N/A

Components

Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$795,996.35	$768,122.35	$465,362.88

Reimbursement Status

Question	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

Attachments