



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **12033** | Service: **DTV** | Call **WWAY** | Channel: **24 (UHF)** |
ID: | Sign:
File **0000028249**
Number:
FRN: **0014489892** | Date **11/16**
Submitted: **/2018**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
WWAY-TV, LLC Doing Business As: WWAY-TV, LLC	Bobby Berry 301 Poplar Street MACON, GA 31201 United States	+1 (478) 745-4141	bberry@morrisnetwork.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
Ray Luke <i>Project Manager</i> <i>Custom Specialty Services, LLC</i>	Ray Luke 17363 Carlton Cuebas Road Gulfport, MS 39503 United States	+1 (228) 297-2500	ray.css@att.net

**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	WWAY will work with WECT and WSFX-TV to replace the current shared antenna and transmission line with a new antenna and transmission line,. Each station will supply its own transmitter. If needed WWAY will operate with temporary facilities to stay on air

Transmitters

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

**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	Sigma
	Year	2003
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	32 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-40
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	25.3 kW
	Justification for New Transmitter	Old transmitter not supported and will not re-tune to new channel. While the Form 399 FAQ's instruct to list this as an upgrade, it actually is not, but rather a simple replacement. See attachment.

**Primary
Transmitter**

Other Transmitter Costs

Section	Question	Response
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Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	150.0 feet
	Other Electrical Service	No
	Description	N/A
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	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 leasehold 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
psip generator	need to generate psip for new channel
site survey	site survey for electrical drawing and floor plan

Antennas

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

**Primary
Antenna****Existing Antenna Information**

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?	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	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	3
	Number of Panels	56
	Design power capacity in use	95.0 %
Lower Limit	400.00 MHz	

Upper Limit	600.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	1000.0 kW
Manufacturer	Andrew
Model	ABBP14H4- HTWC4-30? 54
Year	2003

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

Facility ID	Call Sign
72871	WSFX-TV
48666	WECT

Primary Antenna

Adjustment to Existing Antenna

Section	Question	Response
Sweep Test of Existing Antenna	Do you need a sweep test of existing antenna?	Yes

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	3
	Frequencies of channels supported	RF channel
	Frequency	N/A

Enter a list of RF channel numbers.

RF Channel Number

29

23

24

**Primary
Antenna**

Other Antenna Cost Not Listed

Information not provided.

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	1050
		Explanation	station is one of a group of co-owned stations all of which are subject to repack, there is no director of engineering and station has only IT engineer on staff. Co-ordination is needed for the entire group's Transition in different phases of repack
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 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	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	Yes
	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	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	Yes
	Number of Days	5
	Justification	field testing on combined system

Other Professional Services Expenses Not Listed

Outside Professional Services Costs

Name	Description
Additional legal fees	Additional legal fees for 399 forms and progress reports

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	Yes
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-40	\$1,053,200.00	\$975,900.00		\$262,599.76	
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$875,000.00	N/A	\$262,599.76	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$13,700.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$36,300.00	N/A	N/A	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A
3" Rigid Conduit and Wiring (Cost per foot)	\$7,800.00	\$7,350.00	N/A	N/A	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	N/A	N/A
psip generator	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
site survey	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Sub-total	\$1,053,200.00	\$975,900.00	N/A	\$262,599.76	N/A

Total for all systems	\$1,532,250.00	\$1,479,894.00	N/A	\$370,209.80	N/A
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Components

Actual Information	
Description	File Name
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<p>Component Description: Quote from Gates and station PO</p> <p>Amount: N/A</p> <p>Component Description: 1/3 down payment on transmitter</p> <p>Amount: \$262,599.76</p>
Service entrance 3 phase /800 amp/208 volt	Information not provided.
Switchgear - industrial 800 amp	Information not provided.
Transformer 3 phase/480v - 150 KVA	Information not provided.
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
5 Ton system	Information not provided.
psip generator	Information not provided.
site survey	Information not provided.

Cost Information

Antennas

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 ABBP14H4-HTWC4-30? 54	\$96,190.00	\$137,559.00		\$58,718.75	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A

New combiner, cost per channel (without antenna)	\$84,200.00	\$126,159.00	This cost is above catalog because the channel combiner, mask filter and load are shared by 3 stations, but owned by 2, and by contract cost for 3 is split 2 ways. Tax and shipping still to be added See attached ERI letter of explanation.	\$58,718.75	You will see that the repack combiner, building, and tower expense estimates for stations WWAY and WECT are split two ways. These two stations are partners in Brunswick Tower LLC which owns the tower, building, antennas, line,
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - High Power Top Mount Three Station broadband panel antenna horizontally polarized	<i>\$0.00</i>	\$0.00	N/A	N/A	N/A
Sub-total	\$96,190.00	\$137,559.00	N/A	\$58,718.75	N/A
Total for all systems	\$1,532,250.00	\$1,479,894.00	N/A	\$370,209.80	N/A

Components

Actual Information**Description****File Name**

Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)

Information not provided.

New combiner, cost per channel (without antenna)

Component Description:

3-Channel Combiner, Please see ERI letter of explanation of cost, attached hereto. Total cost for 3 stations is divided 2 ways by contractual obligation. WWAY is responsible \$117,437.50 this invoice is for WWAY 50% deposit tax and shipping added at end

Amount:

\$58,718.75

Component Description:

ERI Justification letter for Invoice # WWAY-001

Amount:

N/A

Component Description:

ERI Technical Proposal for WWAY, WECT and WSFX

Amount:

N/A

	<p>Component Description: ERI proposal for 3 station combiner cost paid by WWAY and WECT 50/50 split each station</p> <p>Amount: N/A</p> <p>Component Description: Tower Lease agreement</p> <p>Amount: N/A</p> <p>Component Description: WSFX lease Agreement with WWAY and WECT</p> <p>Amount: N/A</p>
Sweep test of existing antenna	Information not provided.
UHF - High Power Top Mount Three Station broadband panel antenna horizontally polarized	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	\$339,570.00	\$323,750.00		\$48,891.29	
Additional legal fees	<i>\$8,500.00</i>	\$8,500.00	N/A	N/A	N/A
Additional Field Engineering Service, 5 Days	<i>\$25,000.00</i>	\$25,000.00	Additional costs have been added here based on ERI field service costs which will total \$16,950. See ERI letter of explanation, dated 11/28 /2017, attached hereto.	\$0.00	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$1,226.25	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	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	\$675.00	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	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	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 and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$1,769.99	N/A
Project management of the transition	\$165,900.00	\$157,500.00	N/A	\$45,220.05	N/A
Sub-total	\$339,570.00	\$323,750.00	N/A	\$48,891.29	N/A
Total for all systems	\$1,532,250.00	\$1,479,894.00	N/A	\$370,209.80	N/A

Components

Actual Information	
Description	File Name
Additional legal fees	Information not provided.

<p>Additional Field Engineering Service, 5 Days</p>	<p>Component Description: 50 percent deposit on ERI field service in connection with UHF combiner and mask filter installation.</p> <p>Amount: \$8,475.00</p>
<p>RF Exposure Measurements</p>	<p>Information not provided.</p>
<p>Comprehensive coverage verification via field study, if needed</p>	<p>Information not provided.</p>
<p>Attorney Fees - Prepare and File request for Special Temporary Authorization</p>	<p>Component Description: Provided legal information and advise regarding grant of STA for transition phase change.</p> <p>Amount: \$112.50</p> <p>Component Description: Legal fees in connection with preparation and filing of STA request for change in transition phase. Prior month's charges and courtesy discount omitted from reimbursement request.</p> <p>Amount: \$1,113.75</p>
<p>Attorney Fees - Negotiation of lease and other matters for shared locations</p>	<p>Information not provided.</p>

<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p>Component Description: Provided legal advice as to required preparation of Form 2100 and required timing of same.</p> <p>Amount: \$112.50</p> <p>Component Description: Legal advice and assistance in preparing and filing FCC Form 2100; fees billed in prior months and service charges omitted from this reimbursement request and reimbursement for other elements requested separately.</p> <p>Amount: \$562.50</p>
<p>Prepare request for Special Temporary Authorization</p>	<p>Information not provided.</p>
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>
<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<p>Information not provided.</p>
<p>Perform engineering study for new channel assignment and antenna development</p>	<p>Information not provided.</p>

Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	<p>Component Description:</p>	<p>Provided legal advice as to information needed and timing required for cost reimbursement forms.</p>
	<p>Amount:</p>	<p>\$112.50</p>
	<p>Component Description:</p>	<p>Legal services in connection with providing further information related to FCC Form 1876 and figuring out apparently inconsistent information; fees billed in prior months and service charges omitted from this reimbursement request.</p>
	<p>Amount:</p>	<p>\$540.00</p>
	<p>Component Description:</p>	<p>Legal fees and costs for preparing and submitting FCC Form 1876 to obtain reimbursement of expenses.</p>
	<p>Amount:</p>	<p>\$464.99</p>

	<p>Component Description: Legal fees for preparation and filing of Schedule 399 and obtaining necessary information; fees billed in prior months and service charges omitted from this reimbursement request.</p> <p>Amount: \$652.50</p>
Project management of the transition	<p>Component Description: REVISED CSS PROJECT MANAGEMENT INVOICE JUNE 2017</p> <p>Amount: \$5,101.05</p> <p>Component Description: PROJECT MANAGEMENT INVOICE SEPT 2018</p> <p>Amount: \$262.50</p> <p>Component Description: PROJECT MANAGEMENT INVOICE</p> <p>Amount: \$1,933.50</p> <p>Component Description: AUG 2017 PROJECT MANAGEMENT INVOICE</p> <p>Amount: \$799.50</p>

Component Description: APR 2018
PROJECT
MANAGEMENT
INVOICE
Amount: \$1,462.50

Component Description: MAY 2018
PROJECT
MANAGEMENT
INVOICE
Amount: \$562.50

Component Description: SEPT 2017
PROJECT
MANAGEMENT
INVOICE
Amount: \$405.00

Component Description: PROJECT
MANAGEMENT
INVOICE
Amount: \$1,537.50

Component Description: OCT. 2017 invoice
for project
management hours
Amount: \$2,475.00

Component Description: MAR 2018
PROJECT
MANAGEMENT
INVOICE
Amount: \$3,637.50

Component Description: NOV. 2017 invoice
for project
management hours
Amount: \$8,325.00

Component Description: CSS PROJECT
MANAGEMENT
INVOICE APRIL
2017 REV.
Amount: \$2,662.50

Component Description: Jan. 2018 invoice
for project
management hours
Amount: \$1,575.00

Component Description: PROJECT
MANAGEMENT
INVOICE
Amount: \$1,800.00

Component Description: PROJECT
MANAGEMENT
INVOICE
Amount: \$862.50

Component Description: FEB 2018 INVOICE
FOR PROJECT
MANAGEMENT
HOURS
Amount: \$7,425.00

Component Description: CSS PROJECT
MANAGEMENT
INVOICE MAY 2017
Amount: \$3,235.50

Component Description: DEC. 2017 for
project
management hours
Amount: \$1,687.50

Component Description:

JULY 2017
PROJECT
MANAGEMENT
INVOICE

Amount:

\$2,133.00

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	\$43,290.00	\$42,685.00		\$0.00	
MVPD Notification of Channel Change	<i>\$300.00</i>	\$300.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$300.00</i>	\$300.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$19,500.00</i>	\$19,500.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$10,000.00</i>	\$10,000.00	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	\$43,290.00	\$42,685.00	N/A	\$0.00	N/A
Total for all systems	\$1,532,250.00	\$1,479,894.00	N/A	\$370,209.80	N/A

Components

Information not provided.

Cost Information **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$1,532,250.00	\$1,479,894.00	\$370,209.80

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