

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

65204 Service: DTV Call **WBBJ-TV** Channel: 35 (UHF) Facility Sign:

ID:

File 0000027055

Number:

FRN: 0003828696 Date 04/13

> Submitted: /2021

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
TENNESSEE BROADCASTING PARTNERS Doing Business As: TENNESSEE BROADCASTING PARTNERS	Beverly B. Poston ONE TELEVISION PLACE CHARLOTTE, NC 28205 United States	+1 (704) 372- 4434	BPoston@bahakel. com	General Partnership

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
M. Anne Swanson Legal Counsel Wilkinson Barker Knauer LLP	M. Anne Swanson 1800 M Street NW Suite 800N Washington, DC 20036 United States	+1 (202) 383- 3342	ASwanson@wbklaw. com

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.	No
Briefly describe transition plan	Install new interim antenna on tower for interim operations on existing channel, remove existing primary antenna from the tower. Install new primary antenna, install new primary transmitter. See Exhibit A.

Transmitters

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

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	
Manufacturer and Type	Model	DCX-2(IOX /DCX Product Family)
	Year	2004
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	53 kW

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	HPTV-PRLX- U32
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	55 kW
	Justification for New Transmitter	Manufacturer unable to retune existing XMTR. Replacement required to operate on reassigned channel. New XMTR is upgrade to solid state, but at a cost less than IOT. Still more given IOT-related transitional cost for building expansion. See Exhibit B.

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	2 inches
	Length	500.0 feet
	Other Electrical Service	Yes
	Description	Circuit breakers and disconnects for transmitter, pumps, and heat exhangers. Cost estimate is based upon previous projects experience of a similar nature. See Exhibit I.
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

Name	Description
Site Design and Survey by Manufacturer	Cost for site design and survey by manufacturer to determine electrical, HVAC, and space considerations for new primary transmitter and RF system. See Exhibit C. (Survey itself is in Exhibit B.)
Coax Interconnect	Materials and labor to install coax interconnect within building

Antennas

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

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?	No
	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	Class	Full Power
Manufacturer and Type	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)	1000.0 kW

Manufacturer	
Model	TFU- 30DSC-R- 04
Year	2005

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?	No
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	No
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	857.0 kW
	Manufacturer	
		1

Model	TFU- 30DSC-R- 04
Year	2018
Justification for New Antenna	Existing primary antenna is on a fixed channel and cannot be retuned. New primary antenna is required to operate primary facility on reassigned channel. See Exhibit D.

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
		'

	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Other Antenna Cost Not Listed

Information not provided.

Interim Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	100.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	232.0 kW
	Manufacturer	
	Model	TFU-8WB- 1-R C160
	Year	2018

Interim Antenna

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	В
	Feed Line Size	4 1/16 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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?	Yes

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Seffien	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission

Existing Transmission Line

Line Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	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?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	Dielectric
Line Manufacturer and Type	Туре	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	987 feet per run

Primary

Other Transmission Line Expenses Not Listed

Transmission Line		Description
	Rebuild Parts for 6 inch Line	Rebuild parts for Main 6 inch line required
		following testing

Interim Transmissi

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Туре	Rigid
	Diameter	4 1/16 inches
	Segment Length	20'
	Other Segment Length	
	Number of parallel runs	1
	Length	900 feet pe
	Justification for New Transmission Line	New interim transmission line is required for use with new interim antenna while existing primary antenna is removed from tower and new primary antenna is installed. See Exhibit E.

Interim

Other Transmission Line Expenses Not Listed

Transmission	Name	Description	
	Waveguide Transition	Waveguide transition to connect existing RF system to interim transmission line for interim operations. See Exhibit E.	

Tower Equipment And Rigging Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

Primary Tower

Existing Tower

Section	Question	Response
Existing Tower	Type of change	Modify Existing
Description	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Is this tower consider Complex?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1062330
Coordinates (NAD83 (Latitude (NAD83)	35° 38' 16.0" N-
North American Datum of 1983))	Longitude (NAD83)	088° 41' 33.0" W-
	Overall Structure Height	1064.95 feet
	Support Structure Height	987.85 feet
	Ground Elevation Above Mean Sea Level (AMSL)	487.85 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	JACKSON TELECASTERS, INC.
Date Constructed	07/17/1969

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	480
	Explanation	Reassigned station does not have sufficient qualified internal personnel for project management. It is estimated that outside project management will be required for 60 days while new antennas, transmission line, and transmitter are installed.
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	Yes
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	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	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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

Other Professional Services Expenses Not Listed

al	Services Costs	Description
	WBBJ Additional Repack Related Legal Services	Attorneys Fees - Repack requirements (vendor contracts, refinancing, tax, affiliation agreements, equipment selection /justification). See Exhibit H

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	Yes
	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

Name	Description
Wireless Microphones	To replace station's wireless microphones that will be displaced because existing channels are eliminated due to repack. See Exhibit F.
Tennessee Sales Tax	Sales tax to be paid to Tennessee for equipment purchased for repack.

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 HPTV-PRLX- U32	\$1,848,970.00	\$1,404,518.00		\$1,390,398.95	
Site Design and Survey by Manufacturer	\$15,300.00	\$15,300.00	N/A	\$15,300.00	N/A
Coax Interconnect	\$25,170.00	\$25,170.00	N/A	\$25,170.00	N/A
Other Electrical Service: Circuit breakers and disconnects for transmitter, pumps, and heat exhangers. Cost estimate is based upon previous projects experience of a similar nature. See Exhibit I.	\$7,500.00	\$7,500.00	N/A	\$5,880.95	N/A
2" Rigid Conduit and Wiring (Cost per foot)	\$13,000.00	\$12,500.00	N/A	N/A	N/A

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,344,048.00	N/A	\$1,344,048.00	N/A
Sub-total	\$1,848,970.00	\$1,404,518.00	N/A	\$1,390,398.95	N/A
Total for all systems	\$3,267,166.10	\$2,530,859.80	N/A	\$2,221,746.74	N/A

Components

Actual Information Description	File Name	
Site Design and Survey by Manufacturer	Component Description: Amount:	Final invoice for Site Survey and Design. \$13,300.00
	Component Description: Amount:	Downpayment invoice for Site Survey and Design. \$2,000.00
Coax Interconnect	Component Description: Amount:	WBBJ Coax Interconnect \$25,170.00
Other Electrical Service: Circuit breakers and disconnects for transmitter, pumps, and heat exhangers. Cost estimate is based upon previous projects experience of a similar nature. See Exhibit I.	Component Description: Amount:	WBBJ Transmitter Electrical Installation \$5,880.95
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW

Component Description: WBBJ Transmitter

Third Payment

Amount: \$403,214.40

Component Description: WBBJ Transmitter

Deposit Invoice

Amount: \$470,416.80

Component Description: WBBJ Transmitter

Fourth Payment

Amount: \$67,202.40

Component Description: WBBJ Transmitter

Second Payment

Amount: \$403,214.40

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
Interim Antenna TFU-8WB-1- R C160	\$207,180.00	\$51,325.00		\$51,325.00	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$44,925.00	N/A	\$44,925.00	N/A
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	\$10,950.00	\$0.00	N/A	N/A	N/A
Primary Antenna TFU- 30DSC-R-04	\$208,315.00	\$201,197.50		\$201,197.50	

scatter analysis for side mount high/med power antennas (if not included in antenna base cost) Side mount brackets for high power antennas (if not included in antenna base cost)	\$5,260.00 \$23,150.00	\$1,875.00 \$21,750.00	N/A	\$1,875.00 \$21,750.00	N/A
brackets for high power antennas (if not included in antenna base cost) Elbow complex,	\$23,150.00	\$21,750.00	N/A	\$21,750.00	N/A
complex,					
channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,297.50	N/A	\$10,297.50	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 857 kW input, horizontally polarized	\$160,875.00	\$160,875.00	N/A	\$160,875.00	N/A
Sub-total \$		\$252,522.50	N/A	\$252,522.50	N/A

Total for all systems	\$3,267,166.10	\$2,530,859.80	N/A	\$2,221,746.74	N/A
3,3(01113					

Components

Actual Information Description	File Name	
Sweep test of existing antenna	Component Description:	WBBJ Interim Antenna Repack Sweep Third
	Amount:	Payment \$640.00
	Component Description: Amount:	WBBJ Interim Antenna Repack Sweep First Payment \$2,880.00
	Component Description:	WBBJ Interim Antenna Repack Sweep Second Payment
	Amount:	\$2,880.00

UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	Component Description:	WBBJ Interim Antenna Third
	Amount	Payment
	Amount:	\$4,492.50
	Component Description:	WBBJ Interim Antenna Second
	Amount:	Payment \$20,216.25
	Component Description:	WBBJ Interim Antenna First
	Amount:	Payment \$20,216.25
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Component Description:	WBBJ Scatter Study Third
	Amount:	Payment \$187.50
	Component Description:	WBBJ Primary Scatter Study
	Amount:	Second Payment \$843.75
	Component Description:	WBBJ Primary Scatter Study
		First Payment

Side mount brackets for high power antennas (if not included in antenna base	Component Description:	WBBJ Primary Antenna Custom
cost)		
		Mounts
	Amount:	\$21,750.00
Elbow complex, single		
channel, at antenna input,	Component Description:	WBBJ Primary
per 6 1/8. feedline (if needed)	Component Description.	Elbow Complex
		Second Payment
	Amount:	\$4,633.88
	Amount.	\$4,033.00
	Commonant Paganintian	WDD I Drive out
	Component Description:	WBBJ Primary
		Elbow Complex
	Amount	First Payment
	Amount:	\$4,633.88
	Component Description:	WBBJ Primary
	Component Description.	Elbow Complex
		Third Payment
	Amount:	\$1,029.74
	Amount.	Ψ1,023.74
Sweep test of existing		
antenna	Component Description:	WBBJ Primary
		Sweep Third
		Payment
	Amount:	\$640.00
	Component Description:	WBBJ Primary
		Sweep Second
		Payment
	Amount:	\$2,880.00
	Component Description:	WBBJ Primary
	Component Description:	Sweep First
	Component Description: Amount:	•

UHF - High Power, Side Mount, basic slot antenna, 857 kW input, horizontally polarized

Component Description: WBBJ Primary

Antenna Second

Payment

Amount: \$72,393.75

Component Description: WBBJ Primary

Antenna Fifth Payment

Amount: \$5,760.00

Component Description: WBBJ Primary

Antenna Fourth

Payment

Amount: \$1,687.50

Component Description: WBBJ Primary

Antenna First

Payment

Amount: \$72,393.75

Component Description: WBBJ Primary

Antenna Third

Payment

Amount: \$8,640.00

Cost Information

Transmission Line

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
Interim Transmission Line	\$129,112.50	\$98,340.70		\$98,340.70	
Waveguide Transition	\$1,312.50	\$1,312.50	N/A	\$1,312.50	N/A
Rigid Transmission Line - copper, 4 1 /16"	\$127,800.00	\$97,028.20	N/A	\$97,028.20	N/A
Primary Transmission Line	\$18,045.50	\$18,045.50		\$0.00	
Rebuild Parts for 6 inch Line	\$18,045.50	\$18,045.50	N/A	\$0.00	N/A
Sub-total	\$147,158.00	\$116,386.20	N/A	\$98,340.70	N/A
Total for all systems	\$3,267,166.10	\$2,530,859.80	N/A	\$2,221,746.74	N/A

Components

Actual Information	
Description	File Name

Vaveguide Transition		
	Component Description:	WBBJ Interim
		Transition Third
		Payment
	Amount:	\$131.24
	Component Description:	WBBJ Interim
		Transition First
		Payment
	Amount:	\$590.63
	Common and Decembrations	WDD Llateries
	Component Description:	WBBJ Interim
		Transition Second
	Amazzata	Payment
	Amount:	\$590.63

Rigid Transmission Line - copper, 4 1/16"

Component Description: WBBJ 4 Inch

Transmission Line

Component

Amount: \$577.50

Component Description: WBBJ Interim

Rigid

Transmission Line Fourth Payment

Amount: \$5,760.00

Component Description: WBBJ Interim

Rigid

Transmission Line
Third Payment

Amount: \$3,292.52

Component Description: WBBJ Interim

Interconnect Line

Amount: \$5,925.50

Component Description: WBBJ Interim

Rigid

Transmission Line Second Payment

Amount: \$40,736.34

Component Description: WBBJ Interim

Rigid

Transmission Line First Payment

Amount: \$40,736.34

Rebuild Parts for 6 inch Line

Component Description: WBBJ Rebuild Kits

for 6 Inch Line

Amount: \$18,045.50

Component Description: WBBJ Rebuild Kits

for 6 Inch Line

Amount: \$18,045.50

Tower Equipment and Rigging Costs

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

Description Primary Tower	Predetermined Cost Estimate \$381,100.00	Estimated Cost \$362,000.00	Estimated Cost Justification	Actual Cost \$224,150.00	Actual Cost Justification
GTOWER					
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,000.00	N/A	\$20,700.00	Costs for analysis and testing are higher than estimated costs. See Exhibit K, Exhibit L, and Exhibit M. See attached revised invoices and WBBJ Form 399 Amendment 2-26-18
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$45,200.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	\$158,250.00	N/A
Sub-total	\$381,100.00	\$362,000.00	N/A	\$224,150.00	N/A
Total for all systems	\$3,267,166.10	\$2,530,859.80	N/A	\$2,221,746.74	N/A

Components

Actual Information		
Description	File Name	

Structural engineering tower load study for well documented tower

Component Description: WBBJ Tower

Inspection Invoice

Amount: \$6,000.00

Component Description: WBBJ Tower

Structural

Analysis Invoice

Amount: \$6,200.00

Component Description: Invoice for

Utrasound Testing

at west guy anchor.

Amount: \$1,000.00

Component Description: Invoice for tower

inspection, structural

analysis, and wind

and ice report.

Amount: N/A

Component Description: WBBJ Tower

Wind and Ice

Analysis Invoice

Amount: \$1,250.00

Component Description: Invoice for

Ultrasound

thickness testing

on tower members (re-

submitted)

Amount: \$5,000.00

Component Description: Invoice for

corrosion risk

analysis on tower.

Amount: \$1,250.00

Minor tower reinforcement /modifications	Component Description: Amount:	WBBJ Tower Modifications \$45,200.00
Tall Tower (greater than		
500')	Component Description:	WBBJ Tower
		Crew Down
		Payment
	Amount:	\$9,875.00
	Component Description:	WBBJ Tower
		Crew Progress
		Payment
	Amount:	\$39,500.00
	Component Description:	WBBJ Tower
		Crew Third
		Payment
	Amount:	\$108,875.00

Outside Professional Services

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

			Estimated		
Description	Predetermined Cost Estimate	Estimated Cost	Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$131,531.90	\$53,126.90		\$30,651.40	
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	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 - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,000.00	N/A	N/A	N/A
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A

RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	\$2,105.00	\$2,000.00	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	\$1,750.00	Please see revised invoices and WBBJ Form 399 Amendment 2-26-18.
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	\$10,213.50	See Exhibit J. See WBBJ Form 399 Amendment 2-26-18.
Project management of the transition	\$75,840.00	\$0.00	N/A	\$0.00	N/A

Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$750.00	N/A
WBBJ Additional Repack Related Legal Services	\$12,876.90	\$12,876.90	N/A	\$12,876.90	See WBBJ Form 399 Amendmen 2-26-18
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$2,663.50	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,522.50	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	\$375.00	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$500.00	N/A
Sub-total	\$131,531.90	\$53,126.90	N/A	\$30,651.40	N/A
Total for all systems	\$3,267,166.10	\$2,530,859.80	N/A	\$2,221,746.74	N/A

Components

Actual Information Description	File Name
ASR modification (prepare FCC Form 854)	Information not provided.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	Information not provided.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.

Perform engineering study for new channel assignment		
and antenna development	Component Description:	Invoice for
·		Engineering study
		work for new channel
		assignment and
		antenna
		development.
	Amount:	\$187.50
	Component Description:	Invoice for
		Engineering study
		work for new
		channel
		assignment and
		antenna
		development.
	Amount:	N/A
	Component Description:	Invoice for
		Engineering study
		work for new
		channel
		assignment and
		antenna
		development.
	Amount:	\$1,500.00
	Component Description:	Invoice for
	Component Description.	Engineering study
		work for new
		channel
		assignment and
		antenna
		development.
	Amount:	\$62.50
Address transition timing	Information not provided.	
and coordination issues w/ other stations and wireless	omaton not provided.	
Prepare and or review reimbursement form		

Component Description: WBBJ Post-

Auction Repack Legal Issues.

Amount: \$662.00

Component Description: WBBJ Post-

Auction Repack Legal Issues.

Amount: \$3,882.00

Component Description: WBBJ Post-

Auction Repack Legal Services.

Amount: \$175.00

Component Description: WBBJ Post-

Auction Repack Legal Services.

Amount: \$1,475.00

Component Description: WBBJ Post-

Auction Repack Legal Services (re-

submitted)

Amount: \$175.50

Component Description: WBBJ Post-

Auction Repack Legal Issues.

Amount: \$3,260.00

Component Description: WBBJ Post-

Auction Repack Legal Issues.

Amount: \$759.00

	Component Description: Amount:	WBBJ Repack Legal Issues \$660.00
Project management of the transition	Information not provided.	
Prepare request for Special Temporary Authorization	Component Description: Amount:	WBBJ Engineering for STA \$750.00
WBBJ Additional Repack Related Legal Services	Component Description: Amount:	WBBJ Post- Auction Repack Legal Services \$660.00
	Component Description: Amount:	WBBJ Post- Auction Repack Legal Services \$120.00
	Component Description: Amount:	WBBJ Post- Auction Repack Legal Services. \$7,814.00
	Component Description: Amount:	WBBJ Post- Auction Repack Legal Services. \$819.00
	Component Description: Amount:	WBBJ Post- Auction Repack Legal Services. \$1,638.40

Component Description: WBBJ Post-

Auction Repack Legal Services

Amount: \$262.00

Component Description: WBBJ Post-

Auction Repack

Legal Services

Amount: \$581.00

Component Description: WBBJ Post-

Auction Repack Legal Services

Amount: \$982.50

Attorney Fees - Prepare and File request for Special Temporary Authorization

Component Description: WBBJ STA Legal

Services

Amount: \$2,663.50

Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application

Component Description: Construction

Permit Legal Issues.

Amount: \$480.00

Component Description: Construction

Permit Legal Issues.

Amount: \$438.00

Component Description: WBBJ

Construction

Permit Legal Services

Amount: \$604.50

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Component Description: Amount:	WBBJ FAA Notifications \$375.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description:	WBBJ Engineering for License
	Amount:	Application \$500.00

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	\$342,911.20	\$342,306.20		\$225,683.19	
Tennessee Sales Tax	\$238,875.00	\$238,875.00	N/A	\$139,277.99	N/A
Equipment Delivery and Handling Charges	\$23,328.52	\$23,328.52	N/A	\$23,328.52	N/A
Wireless Microphones	\$6,016.00	\$6,016.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$1,000.00	\$1,000.00	N/A	\$625.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$58,605.16	\$58,605.16	N/A	\$58,605.16	N/A
Non-zoning permits	\$500.00	\$500.00	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	\$2,450.00	N/A
MVPD Notification of Channel Change	\$1,396.52	\$1,396.52	N/A	\$1,396.52	N/A
Sub-total	\$342,911.20	\$342,306.20	N/A	\$225,683.19	N/A
Total for all systems	\$3,267,166.10	\$2,530,859.80	N/A	\$2,221,746.74	N/A

Components

•		
Actual Information		
Description	File Name	
Tennessee Sales Tax		
Torribodoo Gardo Tax		
	Component Description:	WBBJ Tennessee
		Sales Tax
	Amount:	\$12,562.52
	Component Description:	WBBJ Tennessee
		Sales Tax
	Amount:	\$15,746.51
		. ,
	Component Description:	WBBJ Transmitter
	Component Description.	Third Payment
		Sales Tax
	Amount:	\$28,161.51
	Amount	Ψ20,101.01
	Component Description:	WBBJ Existing
		Transmitter
		Removal Sales
		Tax
	Amount:	\$6,925.00

Component Description: WBBJ Tennessee

Sales Tax

Amount: \$3,485.11

Component Description: WBBJ Tennessee

Sales Tax

Amount: \$1,345.22

Component Description: WBBJ Tennessee

Sales Tax

Amount: \$703.93

Component Description: WBBJ Tennessee

Sales Tax

Amount: \$1,296.75

Component Description: WBBJ Tennessee

Sales Tax

Amount: \$195.00

Component Description: WBBJ Coax

Interconnect

Sales Tax

Amount: \$3,146.25

Component Description: WBBJ Transmitter

Second Payment

Sales Tax

Amount: \$28,161.51

Component Description: WBBJ Transmitter

Fourth Payment

Sales Tax

Amount: \$4,693.59

	Component Description: Amount:	WBBJ Transmitter Deposit Sales Tax \$32,855.09
Equipment Delivery and Handling Charges	Component Description: Amount:	WBBJ Dielectric Interim Shipping \$3,230.71
	Component Description: Amount:	WBBJ Dielectric Interim Shipping \$177.82
	Component Description: Amount:	WBBJ Primary Antenna Storage and Delivery \$7,219.89
	Component Description: Amount:	WBBJ Dielectric Interim Shipping \$530.10
	Component Description: Amount:	WBBJ Interim Antenna Storage and Delivery \$12,170.00
Wireless Microphones	Information not provided.	
Develop and air announcement of upcoming channel change	Component Description:	WBBJ Channel Change Notifications Legal
	Amount:	Services \$625.00

Disposal Costs (for equipment and other waste,	0	MODIO
net of any salvage value)	Component Description:	WBBJ Phase 1 Coolant Disposal
	Amount:	\$1,453.20
	Amount.	ψ1,400.20
	Component Description:	WBBJ Phase 2
		Coolant Disposal
	Amount:	\$1,751.96
	Component Description:	WBBJ Existing
		Transmitter
		Removal
	Amount:	\$55,400.00
Non-zoning permits	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
DTV Medical Facility Notification		
Notification	Component Description:	WBBJ Medical Facility
		Notifications
	Amount:	\$2,450.00
MVPD Notification of		
Channel Change	Component Description:	WBBJ MVPD
		Notifications
	Amount:	\$49.90
	Component Description:	WBBJ MVPD
		Notifications
	Amount:	\$1,346.62

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,267,166.10	\$2,530,859.80	\$2,221,746.74

Reimbursem	entestatus	Response
	The facility has ceased operating on its pre- auction channel.	Yes
	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

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.

- 1. 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).
- 5. 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 abovenamed applicant for the Authorization(s) specified above. Beverly Poston President

04/13/2021

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).

- 1. 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 certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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.

- 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 abovenamed applicant for the Authorization(s) specified above. Beverly Poston

President

04/13/2021

Attachments