

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID:	1	Service: DTV	Call Sign:	WBBJ-TV	Channel: 35 (UHF)
File	00000	27055			
Number:					
FRN: 00	03828696	Date	05/19		
		Submitted:	/2021		

Applicant Name, Type, and Contact Information

Information

Applicant A	Address	Phone	Email	Applicant Type
BROADCASTINGPARTNERSDoing Business As:TENNESSEEBROADCASTINGPARTNERS	•••=	+1 (704) 372- 4434	BPoston@bahakel. com	General Partnership

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Preparer Contact Name and Information

Contact 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	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.	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

Primary	Existing Transmitter Information				
Transmitter	Section	Question	Response		
	Existing Transmitter Description	Type of change	Purchase New		
		Use	Primary (Main)		
		Description of Use	N/A		
		Ownership	Owned		
		Owner	N/A		
		Site	N/A		
		Is this transmitter currently shared with another station?	No		
		Is this transmitter currently in operating condition?	Yes		
	Existing Transmitter	Manufacturer			
	Manufacturer and Type	Model	DCX-2(IOX /DCX Product Family)		
		Year	2004		
		Туре	Inductive Output Tube		
		IOT Power Type	Тwo		
		Power Capacity	53 kW		

Primary	New Transmitter Costs				
Transmitter	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 re- tune 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.		

Primary	Other Transmitter Costs				
Transmitter	Section	Question	Response		
	Electrical Service	Service Entrance (3 phases 800A 208V)	No		
		Switchgear (industrial 800 amp)	No		
		Transformer (480V)	No		
		Power	N/A		
		Rigid Conduit and Wiring	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

Primary	Other Transmitter Cost Not Listed			
Transmitter	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 Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information				
Antenna	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		
		Owner Site Is the existing antenna shared with another station or stations? Is the existing antenna directional? Is antenna in operating condition? Is antenna located on or in close proximity to an antenna farm? Class	No		
			Yes		
			No		
	Existing Antenna		Full Power		
	Manufacturer and Type		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

Primary	New Antenna Costs				
Antenna	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	(Main)N/APurchase NewNoOwnedN/ANoNo		
	Manufacturer and Types	Mounting	Side Mount		
		Antenna position in stack	Not in Stack		
		Polarization	Horizontal		
		Туре			
		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 re- tuned. New primary antenna is required to operate primary facility on reassigned channel. See Exhibit D.

Other Antenna Costs

Primary Antenna

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 inche inche
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

Primary	Other Antenna Cost Not Listed		
Antenna	Name Description		
	Second RF Sweep	Second RF Sweep	

Interim	New Antenna Costs			
Antenna	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	

Justification for New Antenna	Station has no existing
	auxiliary
	antenna.
	New interir
	antenna is
	required to
	operate on
	existing
	channel
	while
	existing
	primary
	antenna is
	removed
	from tower
	and new
	primary
	antenna is
	installed.
	See Exhibi
	E.

0 Interim

Antenna

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 Other Antenna Cost Not Listed

Antenna Information not provided.

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

Existing Transmission Line Primary Existing Transmission

smissio	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 Descripti

55101	'Name	Description
	Rebuild Parts for 6 inch Line	Rebuild parts for Main 6 inch line required following testing
	6-75 Elbow	6-75 Elbow
	6-75 to 6-50 Transformer	6-75 to 6-50 Transformer

Interim New Transmission Line

Transmissio	n Line Section	Question	Response
	New Transmission Line	Use	Interim
	Costs	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 per run

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

Interim	Other Transmission Line Expenses Not Listed			
Transmissio	n Line	Description		

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

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

Primary Existing Tower

Tower	Section	Question	Response
	Existing Tower Description	Type of change	Modify Existing
		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	Do you have a tower registration number?	Yes
	Structure Registration	ASR Number	1062330
	Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	35° 38' 16.0" N-
		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

. . Το Primary

	-
lower	
101101	

wer	Mod	Ificati	on C	osts

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

Tower Rigging Costs Primary Tower

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

Other Tower Expenses Not Listed Primary

Tower Information not provided.

Outside	Section	Question	Response
Professional	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

Other Professional Services Expenses Not Listed

Professional	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	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	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 Not Listed

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.		

Transmitters

Cost Information

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
Primary Transmitter HPTV-PRLX- U32	\$1,848,970.00	\$1,404,518.00		\$1,390,398.95	
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
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
Coax Interconnect	\$25,170.00	\$25,170.00	N/A	\$25,170.00	N/A

Site Design and Survey by Manufacturer	\$15,300.00	\$15,300.00	N/A	\$15,300.00	N/A
Sub-total	\$1,848,970.00	\$1,404,518.00	N/A	\$1,390,398.95	N/A
Total for all systems	\$3,277,703.10	\$2,542,797.80	N/A	\$2,251,070.05	N/A

Components

Actual Information Description	File Name	
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Component Description: Amount:	WBBJ Transmitter Third Payment \$403,214.40
	Component Description: Amount:	WBBJ Transmitter Second Payment \$403,214.40
	Component Description: Amount:	WBBJ Transmitter Fourth Payment \$67,202.40
	Component Description: Amount:	WBBJ Transmitter Deposit Invoice \$470,416.80
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

Coax Interconnect	Component Description: Amount:	WBBJ Coax Interconnect \$25,170.00
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

Antennas

Cost Information

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

Description Interim Antenna TFU-8WB-1-	Predetermined Cost Estimate \$207,180.00	Estimated Cost \$51,325.00	Estimated Cost Justification	Actual Cost \$51,325.00	Actual Cost Justification
R C160 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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	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	\$214,715.00	\$207,597.50		\$207,597.50	

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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,297.50	N/A	\$10,297.50	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$21,750.00	N/A	\$21,750.00	N/A
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$1,875.00	N/A	\$1,875.00	N/A
Second RF Sweep	\$6,400.00	\$6,400.00	N/A	\$6,400.00	N/A

Total for	\$3,277,703.10	\$2,542,797.80	N/A	\$2,251,070.05	N/A
all					
systems					

Components

Actual Information Description	File Name	
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	Component Description: Amount:	WBBJ Interim Antenna Third Payment \$4,492.50
	Component Description:	WBBJ Interim Antenna First Payment \$20,216.25
	Component Description:	WBBJ Interim Antenna Second Payment
	Amount:	\$20,216.25

Sweep test of existing antenna		
antenna	Component Description:	WBBJ Interim
		Antenna Repack
		Sweep Third
		Payment
	Amount:	\$640.00
	Component Description:	WBBJ Interim
		Antenna Repack
		Sweep First
		Payment
	Amount:	\$2,880.00
	Component Description:	WBBJ Interim
		Antenna Repack
		Sweep Second
		Payment
	Amount:	\$2,880.00
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.	

Amount: Component Description:	Payment \$5,760.00
Component Description:	
	WBBJ Primary Antenna Fourth
Amount:	Payment \$1,687.50
Component Description:	WBBJ Primary Antenna Second
Amount:	Payment \$72,393.75
Component Description:	WBBJ Primary Antenna Third
Amount:	Payment \$8,640.00
Component Description:	WBBJ Primary
	Antenna First Payment \$72,393.75
	Component Description: Amount: Component Description: Amount:

Sweep test of existing antenna	Component Decoriations	
	Component Description:	WBBJ Primary Sweep Third
	Amount:	Payment \$640.00
	Component Description:	WBBJ Primary Sweep First
		Payment
	Amount:	\$2,880.00
	Component Description:	WBBJ Primary
		Sweep Second
	Amount:	Payment \$2,880.00
Elbow complex, single channel, at antenna input,	Component Description:	WBBJ Primary
per 6 1/8. feedline (if needed)		Elbow Complex
		First Payment
	Amount:	\$4,633.88
	Component Description:	WBBJ Primary
		Elbow Complex
	Amount:	Third Payment
	Amount.	\$1,029.74
	Component Description:	WBBJ Primary
		Elbow Complex
	Amount:	Second Payment \$4,633.88
		÷ 1,000.00
Side mount brackets for high power antennas (if not		
included in antenna base	Component Description:	WBBJ Primary Antenna Custom
cost)		Antenna Custom Mounts
	Amount:	

Pattern scatter analysis for side mount high/med power antennas (if not included in	Component Description:	WBBJ Scatter Study Third
antenna base cost)	Amount:	Payment \$187.50
	Anount.	φ107.00
	Component Description:	WBBJ Primary
		Scatter Study
		Second Payment
	Amount:	\$843.75
	Component Description:	WBBJ Primary
		Scatter Study
		First Payment
	Amount:	\$843.75
Second RF Sweep		
	Component Description:	WBBJ Second
		RF Sweep
	Amount:	\$6,400.00

Transmission Line

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmission Line	\$129,112.50	\$98,340.70		\$98,340.70	
Rigid Transmission Line - copper, 4 1 /16"	\$127,800.00	\$97,028.20	N/A	\$97,028.20	N/A
Waveguide Transition	\$1,312.50	\$1,312.50	N/A	\$1,312.50	N/A
Primary Transmission Line	\$21,482.50	\$21,482.50		\$3,437.00	
6-75 to 6-50 Transformer	\$1,750.00	\$1,750.00	N/A	\$1,750.00	N/A
6-75 Elbow	\$1,687.00	\$1,687.00	N/A	\$1,687.00	N/A
Rebuild Parts for 6 inch Line	\$18,045.50	\$18,045.50	N/A	\$0.00	N/A
Sub-total	\$150,595.00	\$119,823.20	N/A	\$101,777.70	N/A
Total for all systems	\$3,277,703.10	\$2,542,797.80	N/A	\$2,251,070.05	N/A

Components

Actual Information	
Description	File Name

Rigid Transmission Line - copper, 4 1/16"	Component Description:	WBBJ Interim Rigid
	Amount:	Transmission Line First Payment \$40,736.34
	Component Description:	WBBJ 4 Inch Transmission Line
	Amount:	Component \$577.50
	Component Description:	WBBJ Interim Rigid Transmission Line
	Amount:	Fourth Payment \$5,760.00
	Component Description:	WBBJ Interim Rigid Transmission Line
	Amount:	Third Payment \$3,292.52
	Component Description:	WBBJ Interim Rigid Transmission Line
	Amount:	Second Payment \$40,736.34
	Component Description:	WBBJ Interim Interconnect Line
	Amount:	\$5,925.50

Waveguide Transition		
	Component Description:	WBBJ Interim Transition Third
		Payment
	Amount:	\$131.24
	Component Description:	WBBJ Interim
		Transition First
	•	Payment
	Amount:	\$590.63
	Component Description:	WBBJ Interim
		Transition Second
		Payment
	Amount:	\$590.63
6-75 to 6-50 Transformer		
	Component Description:	WBBJ Dielectric 6-
		50 to 6-75
	Amount	Transformer
	Amount:	\$1,750.00
6-75 Elbow		
	Component Description:	WBBJ Dielectric 6-
		75 Elbow
	Amount:	\$1,687.00
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

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 Tower GTOWER	\$381,100.00	\$362,000.00		\$224,150.00	
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	\$3,277,703.10	\$2,542,797.80	N/A	\$2,251,070.05	N/A

Components

Actual Information
Description File Name

Structural engineering tower load study for well documented tower	Component Description: Amount:	Invoice for corrosion risk analysis on tower. \$1,250.00
	Component Description:	Invoice for Utrasound Testing at west guy
	Amount:	anchor. \$1,000.00
	Component Description:	WBBJ Tower Wind and Ice Analysis Invoice
	Amount:	\$1,250.00
	Component Description: Amount:	WBBJ Tower Inspection Invoice
	Amount.	\$6,000.00
	Component Description:	WBBJ Tower Structural Analysis Invoice
	Amount:	\$6,200.00
	Component Description:	Invoice for tower inspection, structural analysis, and wind and ice report.
	Amount:	N/A
	Component Description:	Invoice for Ultrasound thickness testing on tower members (re- submitted)
	Amount:	\$5,000.00

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
	A	Payment
	Amount:	\$39,500.00
	Component Description:	WBBJ Tower
		Crew Third
	Amount:	Payment \$108,875.00
		φ100,070.00

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 Cos Justificatio
Outside Professional Services	\$132,231.90	\$55,207.90		\$36,758.40	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	\$10,213.50	See Exhib J. See WBBJ Forr 399 Amendmer 2-26-18.
Project management of the transition	\$75,840.00	\$0.00	N/A	\$0.00	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,750.00	Please ser revised invoices and WBB, Form 399 Amendmer 2-26-18.

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
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$500.00	N
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
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$750.00	N
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$1,522.50	N

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
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,365.00	N/A	\$2,141.00	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$2,663.50	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$3,266.00	Actual cost higher than predetermined cost.	\$3,266.00	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
WBBJ Additional Repack Related Legal Services	\$13,576.90	\$13,576.90	N/A	\$13,576.90	See WBB Form 399 Amendme 2-26-18
Sub-total	\$132,231.90	\$55,207.90	N/A	\$36,758.40	N/A
Total for all	\$3,277,703.10	\$2,542,797.80	N/A	\$2,251,070.05	N/A

Components

Actual Information Description	File Name	
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare and or review reimbursement form	Component Description: Amount:	WBBJ Post- Auction Repack Legal Issues. \$662.00
	Component Description: Amount:	WBBJ Post- Auction Repack Legal Issues. \$3,882.00
	Component Description: Amount:	WBBJ Post- Auction Repack Legal Issues. \$759.00
	Component Description: Amount:	WBBJ Repack Legal Issues \$660.00
	Component Description: Amount:	WBBJ Post- Auction Repack Legal Issues. \$3,260.00
	Component Description:	WBBJ Post- Auction Repack Legal Services.
	Amount:	\$1,475.00

	Component Description:	WBBJ Post- Auction Repack
	Amount:	Legal Services. \$175.00
	Component Description:	WBBJ Post- Auction Repack Legal Services (re-
	Amount:	submitted) \$175.50
Project management of the transition	Information not provided.	
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

for new channel assignment	Component Description:	Invoice for
and antenna development	Component Description:	Engineering study
		work for new
		channel
		assignment and
		antenna
	Amount:	development. \$187.50
	Amount.	\$107.50
	Component Description:	Invoice for
		Engineering study
		work for new
		channel
		assignment and
		antenna
		development.
	Amount:	\$1,500.00
	Component Description:	Invoice for
		Engineering study
		work for new
		channel
		assignment and
		antenna
		development.
	Amount:	\$62.50
	Component Description:	Invoice for
	- surpenent Boooription	Engineering study
		work for new
		channel
		assignment and
		antenna
		development.
	Amount:	N/A
RF Consulting Engineer	Information not provided.	
Fees- Aux Antenna:		
Prepare engineering section		
of FCC Form 2100, Construction Permit		

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	WBBJ Engineering for License Application \$500.00
RF Consulting Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, License to Cover Application	Information not provided.	
Prepare request for Special Temporary Authorization	Component Description: Amount:	WBBJ Engineering for STA \$750.00
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description: Amount:	Construction Permit Legal Issues. \$480.00
	Component Description: Amount:	Construction Permit Legal Issues. \$438.00
	Component Description: Amount:	WBBJ Construction Permit Legal Services \$604.50
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	Information not provided.	

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Component Description: Amount:	WBBJ License to Cover Legal Services \$2,141.00
Attorney Fees - Prepare and File request for Special Temporary Authorization	Component Description: Amount:	WBBJ STA Legal Services \$2,663.50
ASR modification (prepare FCC Form 854)	Component Description: Amount:	WBBJ ASR Legal Services \$314.00
	Component Description: Amount:	WBBJ ASR Legal Services \$2,096.00
	Component Description: Amount:	WBBJ ASR Legal Services \$856.00
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
WBBJ Additional Repack Related Legal Services	Component Description: Amount:	WBBJ Post- Auction Repack Legal Services. \$819.00
	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 \$700.00
Component Description: Amount:	WBBJ Post- Auction Repack Legal Services \$581.00
Component Description: Amount:	WBBJ Post- Auction Repack Legal Services. \$7,814.00
Component Description: Amount:	WBBJ Post- Auction Repack Legal Services \$262.00
Component Description: Amount:	WBBJ Post- Auction Repack Legal Services. \$1,638.40
Component Description: Amount:	WBBJ Post- Auction Repack Legal Services \$982.50

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 Cos Justificatic
Other Expenses	\$342,911.20	\$342,326.20		\$239,062.50	
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	\$335.00	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$200.00	Actual cost higher than predetermined cost.	\$200.00	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 - 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
Equipment Delivery and Handling Charges	\$23,328.52	\$23,328.52	N/A	\$23,328.52	N/A

Develop and air announcement of upcoming channel change	\$1,000.00	\$1,000.00	N/A	\$625.00	N/A
MVPD Notification of Channel Change	\$1,396.52	\$1,396.52	N/A	\$1,396.52	N/A
Wireless Microphones	\$6,016.00	\$6,016.00	N/A	N/A	N/A
Tennessee Sales Tax	\$238,875.00	\$238,875.00	N/A	\$152,122.30	N/A
Sub-total	\$342,911.20	\$342,326.20	N/A	\$239,062.50	N/A
Total for all systems	\$3,277,703.10	\$2,542,797.80	N/A	\$2,251,070.05	N/A

Components

Actual Information Description	File Name	
FCC Filing Fees - Form 2100 license to cover application	Component Description: Amount:	WBBJ FCC License to Cover Application Fee \$335.00
FCC Filing Fees - Special Temporary Authorization request	Component Description: Amount:	WBBJ FCC STA Application Fee \$200.00

Disposal Costs (for equipment and other waste, net of any salvage value)	Component Description:	WBBJ Existing Transmitter Removal
	Amount:	\$55,400.00
	Component Description: Amount:	WBBJ Phase 1 Coolant Disposal \$1,453.20
	Component Description: Amount:	WBBJ Phase 2 Coolant Disposal \$1,751.96
Non-zoning permits	Information not provided.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
DTV Medical Facility Notification	Component Description:	WBBJ Medical Facility Notifications
	Amount:	\$2,450.00

Equipment Delivery and Handling Charges		
handling onargos	Component Description:	WBBJ Dielectric
		Interim Shipping
	Amount:	\$3,230.71
	Component Description:	WBBJ Dielectric
	Amount:	Interim Shipping \$177.82
	Component Description:	WBBJ Primary Antenna Storage and Delivery
	Amount:	\$7,219.89
	Component Description:	WBBJ Dielectric
	Amount:	Interim Shipping \$530.10
	Component Description:	WBBJ Interim Antenna Storage
	Amount:	and Delivery \$12,170.00
Develop and air announcement of upcoming		
channel change	Component Description:	WBBJ Channel
		Change
		Notifications Legal Services
	Amount:	\$625.00
MVPD Notification of		
Channel Change	Component Description:	WBBJ MVPD
		Notifications
	Amount:	\$1,346.62
	Component Description:	WBBJ MVPD
	Amount:	Notifications \$49.90

Wireless Microphones	Information not provided.	
Tennessee Sales Tax	Component Description:	WBBJ Tennessee Sales Tax
	Amount:	\$1,345.22
	Component Description: Amount:	WBBJ Tennessee Sales Tax \$12,562.52
	Amount.	φ12,002.02
	Component Description:	WBBJ Tennessee Sales Tax
	Amount:	\$15,746.51
	Component Description:	WBBJ Transmitter Third Payment Sales Tax
	Amount:	\$28,161.51
	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:	\$1,296.75
	Component Description:	WBBJ Transmitter Fourth Payment Sales Tax
	Amount:	\$4,693.59

WBBJ Tennessee Sales Tax \$12,844.31
WBBJ Transmitter Second Payment Sales Tax \$28,161.51
WBBJ Transmitter Deposit Sales Tax
\$32,855.09
WBBJ Tennessee Sales Tax \$703.93
WBBJ Coax Interconnect Sales Tax
\$3,146.25
WBBJ Tennessee

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,277,703.10	\$2,542,797.80	\$2,251,070.05

Reimbursem	entestiatus	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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
		 The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 	
		2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	
		3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

- 4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
- The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
- 6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
- 7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

	8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above- named applicant for the Authorization(s) specified above.	Beverly Poston President 05/19/2021

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.

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.	
an au name	are, under penalty of perjury, that I am thorized representative of the above- d applicant for the Authorization(s) ïed above.	Beverly Poston President 05/19/2021

Attachments