



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **65204** | Service: **DTV** | Call **WBBJ-TV** | Channel: **35 (UHF)** |
ID: | Sign:
File **0000027055**
Number:
FRN: **0003828696** | Date **07/23**
Submitted: **/2020**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
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 Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Applicant	Address	Phone	Email
M. Anne Swanson <i>Legal Counsel</i> <i>Wilkinson Barker Knauer</i> <i>LLP</i>	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

**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	DCX-2(IOX /DCX Product Family)
	Year	2004
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	53 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?	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
Transmitter**

Other Transmitter Costs

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	Yes
	Size	2 inches
	Length	500.0 feet
	Other Electrical Service	Yes
	Description	Circuit breakers and disconnects for transmitter, pumps, and heat exchangers. 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
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other 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
Coax Interconnect	Materials and labor to install coax interconnect within building
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.)

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	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 Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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
Antenna

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 Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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	

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.

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Type	
	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

**Primary
Antenna**

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 Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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 interim antenna is required to operate on existing channel while existing primary antenna is removed from tower and new primary antenna is installed. See Exhibit E.
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**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?	B
	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 Line

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

Primary Transmission Line**Existing Transmission 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 Line Manufacturer and Type	Manufacturer	Dielectric
	Type	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 Transmission Line

Other Transmission Line Expenses Not Listed

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

Interim Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	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 E.

Interim
Transmission Line

Other Transmission Line Expenses Not Listed

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 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 Structure Registration	Do you have a tower registration number?	Yes
	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

**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 Services Costs**

Section	Question	Response
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 Services	Prepare and file Form FCC Construction Permit Application	Yes
	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 Services Costs

Other Professional Services Expenses Not Listed

Name	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	
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
2" Rigid Conduit and Wiring (Cost per foot)	\$13,000.00	\$12,500.00	N/A	N/A	N/A
Other Electrical Service: Circuit breakers and disconnects for transmitter, pumps, and heat exchangers. Cost estimate is based upon previous projects experience of a similar nature. See Exhibit I.	<i>\$7,500.00</i>	\$7,500.00	N/A	\$5,880.95	N/A
Coax Interconnect	<i>\$25,170.00</i>	\$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	\$3,267,166.10	\$2,530,859.80	N/A	\$2,186,411.70	N/A

Components

Actual Information Description	File Name
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	<p>Component Description: WBBJ Transmitter Second Payment</p> <p>Amount: \$403,214.40</p> <p>Component Description: WBBJ Transmitter Third Payment</p> <p>Amount: \$403,214.40</p> <p>Component Description: WBBJ Transmitter Deposit Invoice</p> <p>Amount: \$470,416.80</p> <p>Component Description: WBBJ Transmitter Fourth Payment</p> <p>Amount: \$67,202.40</p>
2" Rigid Conduit and Wiring (Cost per foot)	Information not provided.
Other Electrical Service: Circuit breakers and disconnects for transmitter, pumps, and heat exchangers. Cost estimate is based upon previous projects experience of a similar nature. See Exhibit I.	<p>Component Description: WBBJ Transmitter Electrical Installation</p> <p>Amount: \$5,880.95</p>

Coax Interconnect	<div> <div>Component Description:</div> <div>WBBJ Coax Interconnect</div> </div> <div> <div>Amount:</div> <div>\$25,170.00</div> </div>
Site Design and Survey by Manufacturer	<div> <div>Component Description:</div> <div>Downpayment invoice for Site Survey and Design.</div> </div> <div> <div>Amount:</div> <div>\$2,000.00</div> </div> <div> <div>Component Description:</div> <div>Final invoice for Site Survey and Design.</div> </div> <div> <div>Amount:</div> <div>\$13,300.00</div> </div>

**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	
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	\$10,950.00	\$0.00	N/A	N/A	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
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
Primary Antenna TFU- 30DSC-R-04	\$208,315.00	\$201,197.50		\$201,197.50	

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
Sub-total	\$415,495.00	\$252,522.50	N/A	\$252,522.50	N/A

Total for all systems	\$3,267,166.10	\$2,530,859.80	N/A	\$2,186,411.70	N/A
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Components

Actual Information	
Description	File Name
Elbow complex, broadband, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	<div> Component Description: WBBJ Interim Antenna Third Payment Amount: \$4,492.50 </div> <div> Component Description: WBBJ Interim Antenna Second Payment Amount: \$20,216.25 </div> <div> Component Description: WBBJ Interim Antenna First Payment Amount: \$20,216.25 </div>

Sweep test of existing antenna

Component Description:

WBBJ Interim
Antenna Repack
Sweep Third
Payment

Amount:

\$640.00

Component Description:

WBBJ Interim
Antenna Repack
Sweep Second
Payment

Amount:

\$2,880.00

Component Description:

WBBJ Interim
Antenna Repack
Sweep First
Payment

Amount:

\$2,880.00

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

Component Description:

WBBJ Primary
Antenna Third
Payment

Amount:

\$8,640.00

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

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

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

Component Description:

WBBJ Primary
Scatter Study
First Payment

Amount:

\$843.75

Component Description:

WBBJ Scatter
Study Third
Payment

Amount:

\$187.50

Component Description:

WBBJ Primary
Scatter Study
Second Payment

Amount:

\$843.75

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	
Rigid Transmission Line - copper, 4 1 /16"	\$127,800.00	\$97,028.20	N/A	\$97,028.20	N/A
Waveguide Transition	<i>\$1,312.50</i>	\$1,312.50	N/A	\$1,312.50	N/A
Primary Transmission Line	\$18,045.50	\$18,045.50		\$0.00	
Rebuild Parts for 6 inch Line	<i>\$18,045.50</i>	\$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	\$2,186,411.70	N/A

Components

Actual Information	
Description	File Name

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
Interconnect Line
Amount: \$5,925.50

Component Description: WBBJ Interim
Rigid
Transmission Line
Third Payment
Amount: \$3,292.52

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

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
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

Cost Information

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	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	
Tall Tower (greater than 500')	\$210,500.00	\$200,000.00	N/A	\$158,250.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$150,000.00	N/A	\$45,200.00	N/A
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
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	\$2,186,411.70	N/A

Components

Actual Information
Description

File Name

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

Structural engineering tower
load study for well
documented tower

Component Description:

Invoice for
Ultrasound Testing
at west guy
anchor.

Amount:

\$1,000.00

Component Description:

WBBJ Tower
Structural
Analysis Invoice

Amount:

\$6,200.00

Component Description:

WBBJ Tower
Inspection Invoice

Amount:

\$6,000.00

Component Description:

Invoice for
Ultrasound
thickness testing
on tower
members (re-
submitted)

Amount:

\$5,000.00

Component Description:

WBBJ Tower
Wind and Ice
Analysis Invoice

Amount:

\$1,250.00

Component Description:

Invoice for
corrosion risk
analysis on tower.

Amount:

\$1,250.00

Component Description:

Invoice for tower
inspection,
structural
analysis, and wind
and ice report.

Amount:

N/A

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	\$131,531.90	\$53,126.90		\$30,651.40	
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	\$500.00	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
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
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$2,663.50	N/A

WBBJ Additional Repack Related Legal Services	\$12,876.90	\$12,876.90	N/A	\$12,876.90	See WBBJ Form 399 Amendment 2-26-18
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$750.00	N/A
Project management of the transition	\$75,840.00	\$0.00	N/A	\$0.00	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.
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 see revised invoices and WBBJ Form 399 Amendment 2-26-18.
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	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
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
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	\$2,250.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	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	\$2,186,411.70	N/A

Components

Actual Information	
Description	File Name
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	<p>Component Description: WBBJ Engineering for License Application</p> <p>Amount: \$500.00</p>
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	<p>Component Description: WBBJ FAA Notifications</p> <p>Amount: \$375.00</p>
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<p>Component Description: WBBJ Construction Permit Legal Services</p> <p>Amount: \$604.50</p>
	<p>Component Description: Construction Permit Legal Issues.</p> <p>Amount: \$438.00</p>
	<p>Component Description: Construction Permit Legal Issues.</p> <p>Amount: \$480.00</p>
	<p>Component Description: WBBJ STA Legal Services</p> <p>Amount: \$2,663.50</p>
WBBJ Additional Repack Related Legal Services	

Component Description:	WBBJ Post- Auction Repack Legal Services
Amount:	\$660.00

Component Description:	WBBJ Post- Auction Repack Legal Services
Amount:	\$120.00

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

Component Description:	WBBJ Post- Auction Repack Legal Services.
Amount:	\$7,814.00

Component Description:	WBBJ Post- Auction Repack Legal Services.
Amount:	\$819.00

	<p>Component Description: WBBJ Post-Auction Repack Legal Services.</p> <p>Amount: \$1,638.40</p>
Prepare request for Special Temporary Authorization	<p>Component Description: WBBJ Engineering for STA</p> <p>Amount: \$750.00</p>
Project management of the transition	Information not provided.
Prepare and or review reimbursement form	<p>Component Description: WBBJ Post-Auction Repack Legal Issues.</p> <p>Amount: \$3,882.00</p> <p>Component Description: WBBJ Post-Auction Repack Legal Issues.</p> <p>Amount: \$759.00</p> <p>Component Description: WBBJ Post-Auction Repack Legal Services.</p> <p>Amount: \$175.00</p> <p>Component Description: WBBJ Post-Auction Repack Legal Services (re-submitted)</p> <p>Amount: \$175.50</p> <p>Component Description: WBBJ Post-Auction Repack Legal Services.</p> <p>Amount: \$1,475.00</p>

	Component Description: Amount:	WBBJ Repack Legal Issues \$660.00
	Component Description: Amount:	WBBJ Post- Auction Repack Legal Issues. \$3,260.00
	Component Description: Amount:	WBBJ Post- Auction Repack Legal Issues. \$662.00
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	

Perform engineering study for new channel assignment and antenna development	<table> <tr> <td data-bbox="713 100 1023 448"> Component Description: </td><td data-bbox="1026 100 1428 448"> Invoice for Engineering study work for new channel assignment and antenna development. </td></tr> <tr> <td data-bbox="713 452 1023 575"> Amount: </td><td data-bbox="1026 452 1428 575"> \$1,500.00 </td></tr> <tr> <td data-bbox="713 580 1023 927"> Component Description: </td><td data-bbox="1026 580 1428 927"> Invoice for Engineering study work for new channel assignment and antenna development. </td></tr> <tr> <td data-bbox="713 931 1023 1055"> Amount: </td><td data-bbox="1026 931 1428 1055"> \$187.50 </td></tr> <tr> <td data-bbox="713 1059 1023 1406"> Component Description: </td><td data-bbox="1026 1059 1428 1406"> Invoice for Engineering study work for new channel assignment and antenna development. </td></tr> <tr> <td data-bbox="713 1411 1023 1534"> Amount: </td><td data-bbox="1026 1411 1428 1534"> \$62.50 </td></tr> <tr> <td data-bbox="713 1538 1023 1798"> Component Description: </td><td data-bbox="1026 1538 1428 1798"> Invoice for Engineering study work for new channel assignment and antenna development. </td></tr> <tr> <td data-bbox="713 1803 1023 1989"> Amount: </td><td data-bbox="1026 1803 1428 1989"> N/A </td></tr> </table>	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:	\$187.50	Component Description:	Invoice for Engineering study work for new channel assignment and antenna development.	Amount:	\$62.50	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 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:	\$62.50																
Component Description:	Invoice for Engineering study work for new channel assignment and antenna development.																
Amount:	N/A																
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	Information not provided.																

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

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$342,911.20	\$342,306.20		\$190,348.15	
MVPD Notification of Channel Change	<i>\$1,396.52</i>	\$1,396.52	N/A	\$1,396.52	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$2,450.00	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	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 - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Non-zoning permits	<i>\$500.00</i>	\$500.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$58,605.16</i>	\$58,605.16	N/A	\$58,605.16	N/A

Develop and air announcement of upcoming channel change	\$1,000.00	\$1,000.00	N/A	\$625.00	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	\$103,942.95	N/A
Equipment Delivery and Handling Charges	\$23,328.52	\$23,328.52	N/A	\$23,328.52	N/A
Sub-total	\$342,911.20	\$342,306.20	N/A	\$190,348.15	N/A
Total for all systems	\$3,267,166.10	\$2,530,859.80	N/A	\$2,186,411.70	N/A

Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	<p>Component Description: WBBJ MVPD Notifications</p> <p>Amount: \$49.90</p> <p>Component Description: WBBJ MVPD Notifications</p> <p>Amount: \$1,346.62</p>
DTV Medical Facility Notification	<p>Component Description: WBBJ Medical Facility Notifications</p> <p>Amount: \$2,450.00</p>
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.

FCC Filing Fees - Form 2100 license to cover application	Information not provided.												
FCC Filing Fees - Special Temporary Authorization request	Information not provided.												
Non-zoning permits	Information not provided.												
Disposal Costs (for equipment and other waste, net of any salvage value)	<table> <tr> <td>Component Description:</td><td>WBBJ Phase 1 Coolant Disposal</td></tr> <tr> <td>Amount:</td><td>\$1,453.20</td></tr> <tr> <td>Component Description:</td><td>WBBJ Existing Transmitter Removal</td></tr> <tr> <td>Amount:</td><td>\$55,400.00</td></tr> <tr> <td>Component Description:</td><td>WBBJ Phase 2 Coolant Disposal</td></tr> <tr> <td>Amount:</td><td>\$1,751.96</td></tr> </table>	Component Description:	WBBJ Phase 1 Coolant Disposal	Amount:	\$1,453.20	Component Description:	WBBJ Existing Transmitter Removal	Amount:	\$55,400.00	Component Description:	WBBJ Phase 2 Coolant Disposal	Amount:	\$1,751.96
Component Description:	WBBJ Phase 1 Coolant Disposal												
Amount:	\$1,453.20												
Component Description:	WBBJ Existing Transmitter Removal												
Amount:	\$55,400.00												
Component Description:	WBBJ Phase 2 Coolant Disposal												
Amount:	\$1,751.96												
Develop and air announcement of upcoming channel change	<table> <tr> <td>Component Description:</td><td>WBBJ Channel Change Notifications Legal Services</td></tr> <tr> <td>Amount:</td><td>\$625.00</td></tr> </table>	Component Description:	WBBJ Channel Change Notifications Legal Services	Amount:	\$625.00								
Component Description:	WBBJ Channel Change Notifications Legal Services												
Amount:	\$625.00												
Wireless Microphones	Information not provided.												

Tennessee Sales Tax

Component Description: WBBJ Coax
Interconnect
Sales Tax
Amount: \$3,146.25

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 Transmitter
Fourth Payment
Sales Tax
Amount: \$4,693.59

Component Description: WBBJ Transmitter
Deposit Sales Tax
Amount: \$32,855.09

Component Description: WBBJ Transmitter
Second Payment
Sales Tax
Amount: \$28,161.51

Equipment Delivery and
Handling Charges

Component Description: WBBJ Dielectric
Interim Shipping
Amount: \$177.82

Component Description: WBBJ Primary
Antenna Storage
and Delivery
Amount: \$7,219.89

Component Description: WBBJ Dielectric
Interim Shipping
Amount: \$3,230.71

Component Description: WBBJ Dielectric
Interim Shipping
Amount: \$530.10

Component Description: WBBJ Interim
Antenna Storage
and Delivery
Amount: \$12,170.00

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$3,267,166.10	\$2,530,859.80
			\$2,186,411.70

Reimbursement Status	Question	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	<p>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.</p>	
		<ol style="list-style-type: none"> 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.

<p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Beverly Poston <i>President</i></p> <p>07/23/2020</p>

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 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> 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. 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) .
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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Beverly Poston <i>President</i></p> <p>07/23/2020</p>

Attachments