

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Service: DTV Call Channel: 25 (UHF) Facility **WJFB** Sign:

0000035590 File

Number:

ID:

FRN: 0033178849 Date 08/20

> Submitted: /2020

#### **Applicant** Information

#### **Applicant Name, Type, and Contact Information**

Applicant	Address	Phone	Email	Applicant Type
HC2 STATION GROUP, INC. Doing Business As: HC2 STATION GROUP, INC.	450 PARK AVENUE, 30TH FLOOR NEW YORK, NY 10022 United States	+1 (212) 339- 5165	RHANSON@HC2BROADCASTING.	Corporation

# 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
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The Preparer is same as the reimbursement contact.

#### Broadcaster Information and Transition Plan

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	No
Briefly describe transition plan	WJFB will transition from its pre-auction channel 44 to its post-auction channel 25 at its existing transmission location and in accordance with its transition phase 6 deadline.

#### **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	
Manufacturer and Type	Model	CXE-60
	Year	2003
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	60 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	THU9evo-40
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	61 kW
	Justification for New Transmitter	WJFB's existing txmtr. is not returnable & WJFB has been unable to obtain any quotes for a replacement IOT txmtr. Above txmtr is correctly sized to new antenna TPO (30.3 kw) as the next size down (50 series) isn't sufficient (29.9kw) to make allocated ERP.

# Primary Transmitter

#### **Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	Yes
	Switchgear (industrial 800 amp)	Yes
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	Yes
	Size	3 inches
	Length	40.0 feet
	Other Electrical Service	No
	Description	N/A
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?	Yes
	Size	440.0 square feet
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	
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Txmtr deconstruction and disposal	Existing IOT transmitter must be deconstructed and disposed of (no parts are salvageable for future use)
Mask Filter	Mask Filter
Additional Field Engineering Time	Additional Field Engineering Time

#### Interim Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Interim
	Description of Use	N/A
	Change Type	Purchase
	Manufacturer	
	Model	UAXTE
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	5 kW
	Justification for New Transmitter	WJFB's txmtr. bldg. does not have sufficient space to allow installation of new txmtr. without deconstruction of existing IOT transmitter. As such a smaller interim transmitter must be utilized in order to remain on air during this 2-3 wk. period

#### Interim 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	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
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
Inside RF System	Is an additional interior RF system required to support this interim transmitter?	No

## **Other Transmitter Cost Not Listed**

Interim Transmitter

**Transmitter** Information not provided.

#### **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 Manufacturer and Type	Class	Full Power
	Mounting	Top 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	TFU29JTH- R04
Year	2003

#### **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?	Yes
	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	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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)	51.0 kW
	Manufacturer	

Model	ATW22H3- ETO12-25H
Year	2018
Justification for New Antenna	Existing antenna is unable to be utilized for post- auction UHF channel 25 operations.

#### **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?	No
	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	
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

**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?	Yes
	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 Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Circular
	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)	12.0 kW
	Manufacturer	
	Model	2 x 750
	Year	2017
		'

#### Interim Antenna

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Туре	New
	Number of channels supported	3
	Frequencies of channels supported	Upper and lower frequency
	Frequency	470.0 MHz - 698.0 MHz
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	No

	Broadband or Single Channel?	N/A
	Feed Line Size	N/A
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	Yes
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?	No

#### Interim Antenna

#### **Other Antenna Cost Not Listed**

Information not provided.

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

# Primary Transmission Se

#### **Existing Transmission Line**

on Line Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	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	
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	310 feet per run

## **Primary**

#### **New Transmission Line**

Transmission Line  New Transmission Line  Costs	n Line Section	Question	Response
		Use	Primary (Main)
	Description of Use	N/A	
	Change Type	Purchase New	
		Is this a request for upgraded equipment?	No
		Туре	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
	Segment Length	19 1/2 inches	
	Other Segment Length	N/A	
	Number of parallel runs	1	
	Length	310 feet per run	
	Justification for New Transmission Line	Existing transmission line has been professionally tested (RF swept) and determined to be unusable for post-auction channel 25 operations	

Primary
Other Transmission Line Expenses Not Listed
Transmission Line tion not provided.

#### Interim

#### **New Transmission Line**

ansmissio	n Line Section	Question	Response
New Transmission Line Costs		Use	Interim
	Costs	Description of Use	N/A
		Change Type	Purchase New
		Туре	Flexible Air
		Diameter	3 inches
		Segment Length	N/A
	Other Segment Length		
	Number of parallel runs	1	
		Length	270 feet per run
		Justification for New Transmission Line	Required for installation of interim transmitter /antenna system.

**Other Transmission Line Expenses Not Listed** 

Transmission loine tion not provided.

# 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	Move Equipment
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?	Yes
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1044881
Coordinates (NAD83	Latitude (NAD83)	36° 09' 13.0" N-
(North American Datum of 1983))	Longitude (NAD83)	086° 22' 46.0" W-
	Overall Structure Height	278.87 feet
	Support Structure Height	275.59 feet
	Ground Elevation Above Mean Sea Level (AMSL)	889.10 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

Tower Owner	BRYANT BROADCASTING INC
Date Constructed	01/01/1986

# 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

Name	Description
Tower Analysis	Tower Analysis

#### Outside Professional

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	350
	Explanation	WJFB employs one engineering staff member and, unfortunately, does not have sufficient technical resources to safely and effectively manage a project of this scope without additional outside project management assistance.
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1

	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting	Prepare and file Form FCC Construction Permit Application	Yes
Services	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	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	No
	Address transition timing and coordination issues w/ other stations and wireless providers	No
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A

Justification	N/A
Justification	N/A

#### Outside Professional

# Other Professional Services Expenses Not Listed

Services Costs	Description
Internal Employee Time Costs	Internal Employee Time Costs

# 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	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	No
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	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

**Expenses** Information not provided.

# **Cost Information**

#### **Transmitters**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Transmitter UAXTE	\$236,500.00	\$163,752.50		\$0.00	
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	\$236,500.00	\$163,752.50	N/A	N/A	N/A
Primary Transmitter THU9evo-40	\$1,893,430.00	\$1,390,660.54		\$1,329,313.02	
Additional Field Engineering Time	\$2,700.00	\$2,700.00	N/A	\$2,700.00	N/A
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,306,460.54	Total of transmitter cost, additional parts plus tax. See attached quote from Rohde.	\$1,306,460.54	N/A
Mask Filter	\$0.00	\$0.00	N/A	\$0.00	N/A
Txmtr deconstruction and disposal	\$19,000.00	\$19,000.00	See attached quote from Marsand.	\$19,000.00	N/A
Other Building Addition Size: 440.0	\$3,500.00	\$3,500.00	N/A	N/A	N/A

3" Rigid Conduit and Wiring (Cost per foot)	\$2,080.00	\$1,800.00	N/A	N/A	N/A
Switchgear - industrial 800 amp	\$38,200.00	\$31,100.00	N/A	N/A	N/A
Service entrance 3 phase/800 amp/208 volt	\$14,400.00	\$12,600.00	N/A	N/A	N/A
Transformer 3 phase/480v - 150 KVA	\$25,550.00	\$13,500.00	N/A	\$1,152.48	N/A
Sub-total	\$2,129,930.00	\$1,554,413.04	N/A	\$1,329,313.02	N/A
Total for all systems	\$2,919,825.75	\$2,189,601.78	N/A	\$1,868,185.89	N/A

#### Components

Actual Information Description	File Name	
UHF - Air Cooled Solid State Transmitter 4 - 6 kW	Information not provided.	
Additional Field Engineering Time	Component Description:	Additional engineering time. #13
	Amount:	\$500.00
	Component Description:	Engineering services. #9
	Amount:	\$700.00
	Component Description:	Engineering services. #6
	Amount:	\$1,500.00

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW

**Component Description:** Additional parts.

#9500117000 \$16,379.20

Component Description: Transmitter related

Amount:

cost. #9500106465

**Amount:** \$3,210.00

Component Description: Installation cost.

#7111

**Amount:** \$56,186.38

Component Description: Transmitter cost,

upgrade excluded. #9500097628

**Amount:** \$286,281.25

Component Description: Installation cost.

#7106

**Amount:** \$56,186.39

Component Description: Transmitter cost,

upgrade excluded. #9500097628

**Amount:** \$286,281.25

Component Description: Consolidation

storage equipment.

#9500117003 \$21,055.00

**Amount:** \$21,055.00

Component Description: Transmitter cost plus

tax. #9500118027

**Amount:** \$867,162.32

Mask Filter		
	Component Description:	Mask filter related cost.
	Amount:	#993330106663210 N/A
Txmtr deconstruction and disposal	Component Description:	Removal and
		disposal cost. #7111
	Amount:	\$9,500.00
	Component Description:	Removal and
	Amount:	disposal cost. #7106 \$9,500.00
Other Building Addition Size: 440.0	Information not provided.	
3" Rigid Conduit and Wiring (Cost per foot)	Information not provided.	
Switchgear - industrial 800 amp	Information not provided.	
Service entrance 3 phase /800 amp/208 volt	Information not provided.	
Transformer 3 phase /480v - 150 KVA		_ ,
	Component Description:	Transformer related cost. #1233
	Amount:	\$1,152.48

# **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 2 x 750	\$134,019.32	\$37,422.32		\$34,077.82	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$3,564.00	See attached quote from Kathrein	\$3,564.00	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$7,189.00	Combiner cost plus \$500 installation. See attached quote from Kathrein	\$3,844.50	N/A
UHF - High Power, Side Mount, basic slot antenna, 12 kW input, elliptically or circularly polarized	\$26,669.32	\$26,669.32	***System Notice: Estimate adjusted and locked because line has been superseded. ***See attached quote from Kathrein	\$26,669.32	N/A
Primary Antenna ATW22H3- ETO12-25H	\$296,230.00	\$170,257.03		\$167,757.03	

Sweep test of existing antenna	\$6,730.00	\$6,250.00	N/A	\$3,750.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized	\$289,500.00	\$164,007.03	See attached quote from ERI	\$164,007.03	N/A
Sub-total	\$430,249.32	\$207,679.35	N/A	\$201,834.85	N/A
Total for all systems	\$2,919,825.75	\$2,189,601.78	N/A	\$1,868,185.89	N/A

#### Components

Actual Information Description	File Name	
Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description: Amount:	Side mount brackets. #1601 \$1,782.00
	Component Description:	1/3 of side mount brackets. #PO000551-INV
	Amount:	\$1,782.00

Component Description:	1/3 of combiner cost. #PO000551- INV
Amount:	\$3,344.50
Component Description:	1/3 of installation.
Amount:	#1797 \$500.00
Component Description:	Antenna cost.
Amount	#1601 \$13,334.66
Amount.	ψ13,334.00
Component Description:	Antenna cost.
	#PO000551-INV
Amount:	\$13,334.66
Component Description:	Sweep test, 30% down. #WJFB-300
Amount:	\$1,875.00
	<b>\$</b> 1,57 5.00
Component Description:	Sweep test, 2nd
	30%. #WJFB-
Amount:	300A \$1,875.00
	Amount:  Component Description: Amount:  Component Description: Amount:  Component Description: Amount:  Component Description: Component Description:

UHF - High Power Top Mount (200-1000 kW), One station antenna, elliptically or circularly polarized

Component Description: Antenna cost,

30% down. #WJFB-300

**Amount:** \$44,768.38

Component Description: Antenna cost,

10% balance. #WJFB-54417

**Amount:** \$14,922.79

Component Description: Antenna cost, 2nd

30%. #WJFB-

300A

**Amount:** \$44,768.38

Component Description: Sales tax. #WJFB-

54417 Revised

**Amount:** \$18,529.10

Component Description: Antenna cost, 3rd

30%. #WJFB-

300B

**Amount:** \$41,018.38

## **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 Cos
Interim Transmission Line	\$15,930.00	\$13,029.49	Justinication	\$0.00	Justinicatio
Flexible Air Transmission Line - dielectric, 3"	\$15,930.00	\$13,029.49	N/A	N/A	N/A
Primary Transmission Line	\$62,620.00	\$107,373.61		\$107,373.61	
Rigid Transmission Line - copper, 6 1/8"	\$62,620.00	\$107,373.61	See attached quote from ERI and Enertech. Due to the A frame construction of the WJFB self supporting tower, this transmission line package requires additional custom fabricated line hangers, line elbows and fine matching tuner section.	\$107,373.61	N/A
Sub-total			section.		

Total for all	\$2,919,825.75	\$2,189,601.78	N/A	\$1,868,185.89	N/A
systems					

### Components

Components		
Actual Information Description	File Name	
Flexible Air Transmission Line - dielectric, 3"	Information not provided.	
Rigid Transmission Line - copper, 6 1/8"	Component Description: Amount:	TL parts. #54396 \$371.45
	Component Description: Amount:	TL parts. #54389 \$185.73
	Component Description:	Transmission line hangers, built skid, labor, etc. #993330106663210
	Amount:	\$10,736.29
	Component Description:	Transmission line cost, 10% balance. #WJFB-54417
	Amount:	\$7,482.11
	Component Description:	Transmission line parts. #WJFB-37313
	Amount:	\$15,282.57
	Component Description:	TL cost, 2nd 30%. #WJFB-300A
	Amount:	\$22,446.34

Component Description: TL parts additional

changes to order. #WJFB-54417 REVISED

**Amount:** \$3,413.60

Component Description: 3rd 30%

transmission line cost. #WJFB-300B

**Amount:** \$13,646.34

Component Description: TL cost, 30% down.

#WJFB-300

**Amount:** \$22,446.34

Component Description: TL parts. #54378

**Amount:** \$11,362.84

### **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 Primary	Predetermined Cost Estimate \$87,200.00	Estimated Cost \$185,669.86	Estimated Cost Justification	Actual Cost \$185,669.86	Actual Cost Justification
Tower TOWER					
Tower Analysis	\$3,000.00	\$3,000.00	N/A	\$3,000.00	N/A
Short Tower (less than 500')	\$84,200.00	\$182,669.86	This quotation includes the additional cost of installation and removal of the interim antenna and tx line system on WJFB's tower.	\$182,669.86	N/A
Sub-total	\$87,200.00	\$185,669.86	N/A	\$185,669.86	N/A
Total for all systems	\$2,919,825.75	\$2,189,601.78	N/A	\$1,868,185.89	N/A

### Components

Actual Information Description	File Name	
Tower Analysis		
	Component Description:	Tower analysis. #194
	Amount:	\$3,000.00

Short Tower (less than 500')

Component Description: Tower related cost, 1

/3 balance.

#993330106662842

**Amount:** \$52,818.48

Component Description: Repack property

repair. #098072

**Amount:** \$2,500.00

Component Description: Tower related cost,

2nd 1/3.

#993330106662382

**Amount:** \$53,306.41

Component Description: lce bridge, 1st 50%.

#993330106662383

**Amount:** \$10,369.28

Component Description: lce bridge, 2nd 50%.

#993330106662982

**Amount:** \$10,369.28

**Component Description:** Tower related cost.

#993330106223747

**Amount:** \$53,306.41

### **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 Cos Justificatio
Outside Professional Services	\$170,147.46	\$104,247.46		\$37,380.58	
Internal Employee Time Costs	\$987.46	\$987.46	N/A	\$987.46	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$45,000.00	N/A	N/A	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	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,000.00	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

Sub-total	\$170,147.46	\$104,247.46	N/A	\$37,380.58	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
Project management of the transition	\$55,300.00	\$30,000.00	N/A	\$28,083.12	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$8,310.00	Updating estimated cost per FCC requirement.	\$8,310.00	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,200.00	N/A	N/A	N/A
Prepare and File FCC Form 2100 (main), Construction Permit Application					

Total for all	\$2,919,825.75	\$2,189,601.78	N/A	\$1,868,185.89	N/A
systems					

### Components

Actual Information Description	File Name	
Internal Employee Time Costs	Component Description:  Amount:	WJFB repack trip related expenses. #IL-HC2- 08262019-JA \$987.46
Comprehensive coverage verification via field study, if needed	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Information not provided.	
Prepare request for Special Temporary Authorization	Information not provided.	
Prepare engineering section of FCC Form 2100 (main), License to Cover 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 Consulting **Component Description:** and antenna development engineering cost. #0002-001-0002 \$645.00 Amount: **Component Description:** Consulting engineering cost. #0002-001-0001 **Amount:** \$7,665.00 Project management of the transition **Component Description:** Portion of general repack matter invoice attributable to this station divided by 10 stations. #178 Amount: \$416.25 **Component Description:** Portion of general repack matter invoice attributable to this station divided by 14 stations. #159 Amount: \$443.75 **Component Description:** Legal services cost. #481074 Amount: \$260.00 **Component Description:** Portion of general repack matter invoice attributable

repack matter invoice attributable to this station - divided by 10 stations. #173

*π110* 

**Amount:** \$691.50

Component Description: Portion of general

repack matter invoice attributable to this station divided by 23 stations. #475011

**Amount:** \$1,023.40

Component Description: Project

Management

**Amount:** \$40.95

Component Description: Legal services

cost. #2020-WJFB

**Amount:** \$50.00

Component Description: Portion of general

repack matter invoice attributable to this station divided by 23 stations. #474243

**Amount:** \$1,304.02

Component Description: Portion of general

repack matter invoice attributable to this station divided by 23 stations. #1165

**Amount:** \$497.50

**Component Description:** Project

Management

**Amount:** \$1,320.45

Component Description: Portion of general

repack matter invoice attributable to this station divided by 23 stations. #1150

**Amount:** \$630.93

Component Description: Project

Amount:

Management \$2,579.10

**Component Description:** 

Project

Management

**Amount:** \$1,226.45

Component Description: Portion of general

repack matter invoice attributable to this station divided by 23 stations. #1146

**Amount:** \$888.15

Component Description: Portion of general

repack matter invoice attributable to this station divided by 23 stations. #475439

**Amount:** \$268.86

Component Description: Portion of general

repack matter invoice attributable to this station - divided by 27 stations. #115

**Amount:** \$467.12

Component Description: Project

Amount:

Management \$1,280.55

Component Description: Legal services

Legal services cost. #475992

**Amount:** \$76.10

Component Description: Project

Management

**Amount:** \$2,858.50

Component Description: Portion of general

repack matter invoice attributable to this station divided by 23

stations. #1158

**Amount:** \$723.06

Component Description: Project

Management

**Amount:** \$1,565.75

Component Description: Portion of general

repack matter invoice attributable to this station - divided by 20 stations. #145

**Amount:** \$745.25

Component Description: Portion of general

repack matter invoice attributable to this station divided by 23 stations. #473451

**Amount:** \$1,054.24

**Component Description:** Project

Management

Amount:

\$1,206.55

Component Description: Portion of general

repack matter invoice attributable to this station divided by 23 stations. #475948

**Amount:** \$419.80

Component Description: Portion of general

repack matter invoice attributable to this station divided by 27 stations. #119

**Amount:** \$271.70

Component Description: Legal services

cost. #480868

**Amount:** \$100.00

**Component Description:** Project

Management

**Amount:** \$1,197.35

Component Description: Project

Management

**Amount:** \$1,120.95

Component Description: Portion of general

repack matter invoice attributable to this station divided by 23 stations. #474784

**Amount:** \$374.23

Component Description: Portion of general

repack matter invoice attributable to this station -

divided by 27 stations. #130

**Amount:** \$450.81

Component Description: Legal services

cost. #475054

**Amount:** \$339.72

Component Description: Project

Management

**Amount:** \$1,627.45

Component Description: Project

Management

**Amount:** \$1,583.10

Component Description: Portion of general

repack matter invoice attributable to this station divided by 23 stations. #1163

**Amount:** \$607.03

Component Description: Project

Management

**Amount:** \$1,558.20

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	\$23,748.97	\$17,188.97		\$6,613.97	
MVPD Notification of Channel Change	\$1,500.00	\$1,500.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	\$1,500.00	\$1,500.00	N/A	N/A	N/A
Equipment Storage	\$1,000.00	\$1,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$4,613.97	\$4,613.97	N/A	\$4,613.97	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$2,500.00	\$2,500.00	N/A	\$0.00	N/A
Non-zoning permits	\$500.00	\$500.00	N/A	N/A	N/A
Local Zoning	\$250.00	\$250.00	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

DTV Medical Facility Notification	\$11,550.00	\$5,000.00	N/A	\$2,000.00	N/A
Sub-total	\$23,748.97	\$17,188.97	N/A	\$6,613.97	N/A
Total for all systems	\$2,919,825.75	\$2,189,601.78	N/A	\$1,868,185.89	N/A

### Components

Actual Information Description	File Name
MVPD Notification of Channel Change	Information not provided.
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	Information not provided.

Equipment Delivery and Handling Charges	Component Description:	TL parts freight.
		#54396
	Amount:	\$50.88
	Component Description: Amount:	TL parts freight. #6-840-38981 \$68.89
	Component Description:	Unload equipment. #1838
	Amount:	\$500.00
	Component Description:	TL parts freight. #54389
	Amount:	\$71.16
	Component Description:	Freight. #WJFB- 54417 REVISED
	Amount:	\$3,472.84
	Component Description:	TL parts freight. #54378
	Amount:	\$450.20
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Non-zoning permits	Information not provided.	
Local Zoning	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	

DTV Medical Facility Notification

Component Description: Medical

notification

service. #1283

**Amount:** \$2,000.00

# Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,919,825.75	\$2,189,601.78	\$1,868,185.89

Reimbursem	entestiatus	Response
	The facility has ceased operating on its pre- auction channel.	No
	Construction of final facilities or all necessary modifications are complete.	No
	All receipts for reimbursement have been submitted no further costs are expected to be incurred. Note this will lock the Form 399 from further editing and begin close-out procedures with the Fund Administrator.	No

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. Henry Turner COO

08/20/2020

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. Henry Turner COO

08/20/2020

#### **Attachments**