

(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

71428 Service: DTV Channel: 23 (UHF) Facility Call **WCIU-TV** Sign:

ID:

File 0000028286

Number:

FRN: 0009562265 Date 12/25

> Submitted: /2020

#### **Applicant** Information

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

Applicant	Address	Phone	Email	Applicant Type
WCIU-TV LIMITED PARTNERSHIP Doing Business As: WCIU-TV LIMITED PARTNERSHIP	Norman Shapiro 26 NORTH HALSTED STREET CHICAGO, IL 60661 United States	+1 (312) 705- 2600	NSHAPIRO@wciu.	Limited Partnership

# Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

#### **Preparer Contact** Information

#### **Preparer Contact Name and Information**

Applicant	Address	Phone	Email

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.	Yes
Briefly describe transition plan	WCIU broadcasts from Willis Tower in Chicago, IL. WCIU plans operate on the Aux antenna and transmitter while the Main antenna and transmitter are replaced. Once replaced, the Aux antenna and transmitter will be replaced.

#### **Transmitters**

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

# Auxiliary Transmitter

# Add Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Backup and Maintenance
	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	TDU2 8K00LV
	Year	2006
	Туре	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	10 kW

# Auxiliary Transmitter

#### **New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	THU9evo-8
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13.0 kW
	Justification for New Transmitter	The current mask filter is channel-specific and must be replaced. The current transmitter is no longer supported by the manufacturer and as a result, is unable to be retuned. A 8 amp unit is required as a 6 amp outputs 9.75 kW TPO.

# Auxiliary 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	Yes
	Description	Retrofit of existing electrical service for WCIU Auxiliary Transmitter
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

# Auxiliary Transmitter

# Other Transmitter Cost Not Listed

Name	Description
------	-------------

Structural Analysis	WCIU's transmission facility is located on floor 101 of Willis Tower. Willis Tower requires a detailed analysis of all equipmer loads with respect to the structural aspects of the building.
State and City Taxes	State and city taxes are required for equipment that is purchased, but not services.
Structural Modifications	As a result of the Structural Analysis, modifications may be required.
Transmitter Installation	Willis Tower has unique labor requirements Standard transmitter installation practices are not allowed due to labor agreements.  Only building electrical and plumbing contractors may perform any electric or plumbing work related to the installation.

# 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	CTT-U- CXIC2R
	Year	2009
	Туре	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	50 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	The current mask filter is channel-specific and must be replaced. The current transmitter is no longer supported by the manufacturer and as a result, is unable to be retuned. The cost of a replacement IOT exceeds the cost of a solid state.

# 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	No
	Size	N/A
	Length	N/A
	Other Electrical Service	Yes
	Description	Retrofit of existing electric service for WCIU Primary Transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	10 tons
	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 Transmitter

#### **Other Transmitter Cost Not Listed**

Name	Description
------	-------------

Structural Analysis	WCIU's transmission facility is located on floor 101 of Willis Tower. Willis Tower requires a detailed analysis of all equipment loads with respect to the structural aspects of the building.
Transmitter Installation	Willis Tower has unique labor requirements. Standard transmitter installation practices are not allowed due to labor agreements. Only building electrical and plumbing contractors may perform any electric or plumbing work related to the installation.
State and City Taxes	State and city taxes are required for equipment that is purchased, but not services.
Structural Modifications	As a result of the Structural Analysis, modifications may be required.

#### **Antennas**

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

#### Auxiliary Antenna

#### **Add Antenna Information**

Section	Question	Response
Existing Antenna Description	Type of change	Retune Existing
	Antenna Use	Auxiliary (Backup)
	Description of Use	Willis Tower NE Master AUX Antenna
	Ownership	Leased
	Owner	BRE Broadcast, LLC
	Site	N/A
	Is this antenna currently shared with any other stations?	Yes
	Is this antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	Broadband Panel
	Number of Stations Supported	8

Number of Panels	24
Design power capacity in use	100.0 %
Lower Limit	470.00 MHz
Upper Limit	699.00 MHz
Other Antenna Type	N/A
ERP: (Effective Radiated Power)	2500.0 kW
Manufacturer	RFS
Model	PHP24C
Year	1999

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

Facility ID	Call Sign
48772	WPWR-TV
10802	WTTW
22211	WFLD
47905	WMAQ-TV
70119	WSNS-TV
71428	WCIU-TV
72115	WGN-TV
73226	WLS-TV

#### Auxiliary Antenna

# Adjustment to Existing Antenna

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

# Auxiliary 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	7
	Frequencies of channels supported	Upper and lower frequency
	Frequency	470.0 MHz - 610.0 MHz

#### Auxiliary Antenna

**Other Antenna Cost Not Listed** 

Information not provided.

#### **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?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	Yes
Existing Antenna	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	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)	550.0 kW

Manufacturer	
Model	TFU-10DSC /VP-R CT170
Year	2009

#### **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?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Side 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)	503.0 kW
	Manufacturer	

Model	TFU-14JSC /VP-R CT170
Year	2019
Justification for New Antenna	The current WCIU main antenna is a slot antenna designed for channel 27. An equivalent replacement antenna is being proposed for channel 23.

#### **Other Antenna Costs**

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Туре	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches

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

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

Name	Description
State and City Taxes	State and city taxes are required for equipment that is purchased, but not services.
Rigid Transmission Line-Copper	T/L 6-50 EIA LENGTH 15' TO 20' FIXED FLG 1 END/ SWIVEL FLG 1 END
Test Transition	Test transition used for sweeping

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

# Primary Transmission

# **Existing Transmission Line**

Section 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	Other
	Other Segment Length	10 feet
	Number of parallel runs	1
	Length	270 feet per run

#### Other Transmission Line Expenses Not Listed

**Primary** 

Transmission loinetion not provided.

#### Auxiliary Transmission

#### **Add Transmission Line**

Section	Question	Response
Existing Transmission Line Description	Type of change	Utilize Existing
	Use	Auxiliary (Backup)
	Description of Use	Backup and Maintenance
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmission currently shared with any other stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission	Manufacturer	Andrew
Line Manufacturer and Type	Туре	Flexible Air
	Diameter	5 inches
	Other Diameter	N/A
	Segment Length	N/A
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	80 feet per

Other Transmission Line Expenses Not Listed

Auxiliary
Transmission Line

Description

Willis AUX Antenna	Due to the change in location of the Willis
	AUX combiner room, it is estimated that we
	will need to add approx. 40' of line to the
	existing line to reach the new combiner
	room.

#### Tower Equipment And Rigging Costs

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

# Auxiliary Tower

#### **Add Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Auxiliary (Backup)
	Description of Use	Backup and Maintenance
	Ownership	Leased
	Is this tower consider Complex?	Located on Building
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1032960
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	41° 52' 44.0" N-
	Longitude (NAD83)	087° 38' 08.0" W-
	Overall Structure Height	1722.09 feet
	Support Structure Height	1435.35 feet

Ground Elevation Above Mean Sea Level (AMSL)	595.14 feet
Structure Type	BMAST - Building with Mast
Tower Owner	233 Broadcast, LLC
Date Constructed	09/30/2012

#### FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Facility ID	Call Sign	Service
48772	WPWR-TV	DTV
10802	WTTW	DTV
53971	WEBG	FM
73226	WLS-TV	DTV
22211	WFLD	DTV
10981	WCPX-TV	DTV
6377	WTMX	FM
10801	WFMT	FM
71283	WCFS-FM	FM
47905	WMAQ-TV	DTV
51165	WGCI-FM	FM
9613	WBBM-FM	FM
28621	WBMX	FM
72115	WGN-TV	DTV
70119	WSNS-TV	DTV
32334	WJYS	DTV

9617	WBBM-TV	DTV
73228	WLS-FM	FM
74178	WKSC-FM	FM
70042	WLIT-FM	FM

#### **Other Types of Users**

Users
LM Land Mobile
LD TV Services
FX FM Services

#### Auxiliary 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

#### Auxiliary Tower

# **Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	Located on Building
Helicopter Services Required	Are helicopter services required?	Yes

#### Auxiliary Tower

#### Other Tower Expenses Not Listed

Information not provided.

# 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	Leased
	Is this tower consider Complex?	Located on Building
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	Yes
	Is tower documented for structural analysis?	No
	Is tower compliant with Rev G?	No
Existing Tower Structure	Do you have a tower registration number?	Yes
Registration	ASR Number	1032959
Coordinates (NAD83 ( North American Datum of	Latitude (NAD83)	41° 52' 44.1" N-
1983))	Longitude (NAD83)	087° 38' 10.2" W-
	Overall Structure Height	1729.97 feet
	Support Structure Height	1435.35 feet
	Ground Elevation Above Mean Sea Level (AMSL)	595.14 feet
	Structure Type	BTWR - Building with Tower

Tower Owner	233 Broadcast, LLC
Date Constructed	01/01/2002

#### FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Facility ID	Call Sign	Service
47905	WMAQ-TV	DTV
48772	WPWR-TV	DTV
66978	WEDE-CD	DTV
70042	WLIT-FM	FM
10801	WFMT	FM
10802	WTTW	DTV
9613	WBBM-FM	FM
72115	WGN-TV	DTV
9617	WBBM-TV	DTV
71283	WCFS-FM	FM
71425	WWME-CD	DTV
73228	WLS-FM	FM
168662	WMEU-CD	DTV
70119	WSNS-TV	DTV
22211	WFLD	DTV
28621	WBMX	FM
6377	WTMX	FM

#### Other Types of Users

Users

LD TV Services	
FX FM Services	
LM Land Mobile	

#### Primary Tower

#### **Tower Modification Costs**

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly 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	Located on Building
Helicopter Services Required	Are helicopter services required?	No

#### Primary Tower

#### Other Tower Expenses Not Listed

Information not provided.

#### Outside Professional

Section	Question	Response	
Services Costs Outside Project Management Services	Do you require outside project management services?	No	
	Number of Hours	N/A	
	Explanation	N/A	
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	2	
	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	2
	NEPA Section 106 environmental review	No
	Environmental Assessment	No
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	No
	RF exposure measurements	No
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside
Professional Services Expenses Not Listed
Professional Services © Opstsided.

# Other Expenses

Section	Question	Response
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	No
	Non-zoning permits	No
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	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?	No
	Does this relocation require MVPD  Notification of a Channel Change?	Yes

# Other Expenses

# Other Expenses Not Listed

Name	Description
Combiner Room Construction	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$90,000 for the Combiner Room Construction for the EAST Tower AUX antenna. WCIU's portion, \$12,857.14
Cylinder Entry Port Resoration	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$150,000 for the Cylinder Entry Port Restoration for the EAST Tower AUX antenna. WCIU's portion, \$25,000.
East Pole Material Disposal	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$80,000 for the East Pole Material Disposal for the EAST Tower AUX antenna. WCIU's portion, \$13,333.33.
Equipment Storage	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$2,000 for the Equipment Storage for the EAST Tower AUX antenna. WCIU's portion, \$333.33.
Outside Project Management	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$95,000 for the Outside Project Management of the EAST Tower AUX antenna. WCIU's portion, \$15,833.
RF Safety Coordination	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$100,000 for the RF Safety Coordination of the EAST Tower AUX antenna. WCIU's portion, \$16,666.67.
Transmission Line Installation	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$125,000 for the Transmission Line Installation of the EAST Tower AUX antenna. WCIU's portion, \$20,833.
Transmission Line Removal	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$250,000 for the Transmission Line Removal of the EAST Tower AUX antenna. WCIU's portion, \$41,666.67.

Transmitter Room Rep
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Repairs of drywall, painting, and floors due to the removal of the existing transmitters and retrofitting for the new transmitters

# **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 THU9evo-40	\$2,145,831.94	\$1,694,788.77		\$1,506,991.23	
Structural Modifications	\$20,000.00	\$20,000.00	Willis Tower requires loading studies for heavy equipment that is installed in the building. As a result, it is anticipated that additional reinforcement will be required. Actual costs to be determined once final equipment selection has been made.	N/A	N/A
10 Ton system	\$38,900.00	\$37,000.00	N/A	N/A	N/A

Structural Analysis	\$5,500.00	\$5,500.00	Willis Tower requires loading studies for equipment that exceeds normal tenant office loads, such as broadcast equipment. Actual costs to be determined once final equipment selection has been made.	N/A	N/A
State and City Taxes	\$125,297.54	\$125,297.54	State and city taxes are required for equipment that is purchased, but not services. State tax is 6.25% and Chicago is an additional 4%, 10.25% total.	N/A	N/A
Other Electrical Service: Retrofit of existing electric service for WCIU Primary Transmitter	\$83,200.40	\$83,200.40	This allocation covers the cost of both the Primary and Auxiliary transmitters due to a common electrical distribution system. See binder cover letter for additional details.	\$83,200.40	The Actual totals are the same as the Estimated Cost, \$83,200.40.

UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	\$1,788,000.00	\$1,338,856.83	N/A	\$1,338,856.83	N/A
Transmitter Installation	\$84,934.00	\$84,934.00	Willis Tower requires union labor for all electric and cooling connections.  This is a general allowance to cover the additional labor fees for union labor to perform the transmitter installation and building water connections.	\$84,934.00	N/A
Auxiliary Transmitter THU9evo-8	\$559,722.45	\$366,651.03		\$321,428.58	
State and City Taxes	\$28,222.45	\$28,222.45	State and city taxes are required for equipment that is purchased, but not services.	N/A	N/A

Transmitter Installation	\$20,000.00	\$20,000.00	Willis Tower requires	\$20,000.00	N/A
			union labor		
			for all electric		
			and cooling		
			connections.		
			This is a		
			general		
			allowance to		
			cover the		
			additional		
			labor fees for		
			union labor to		
			perform the		
			transmitter		
			installation		
			and building		
			water		
			connections.		
<b>.</b>		<b>*</b> • • • • • • • • • • • • • • • • • • •			
Structural	\$12,500.00	\$12,500.00	Willis Tower	N/A	N/A
Modifications			requires		
			loading		
			studies for		
			heavy		
			equipment that is		
			installed in		
			the building.		
			As a result, it		
			is anticipated		
			that		
			additional		
			reinforcement		
			will be		
			required.		
			Actual costs		
			to be		
			determined		
			once final		
			equipment		
			selection has		
			been made.		

Structural Analysis						
Electrical Service: Retrofit of existing electrical service for WCIU Auxiliary Transmitter  UHF - Liquid Cooled Solid State Transmitter  Sub-total \$2,705,554.39 \$2,061,439.80 N/A \$1,828,419.81 N/A		\$4,500.00	\$4,500.00	requires loading studies for equipment that exceeds normal tenant office loads, such as broadcast equipment. Actual costs to be determined once final equipment selection has	N/A	N/A
Liquid Cooled Solid State Transmitter 8.2 - 13 kW  Sub-total \$2,705,554.39 \$2,061,439.80 N/A \$1,828,419.81 N/A  Total for all \$4,708,099.73 \$3,111,374.43 N/A \$2,113,279.30 N/A	Electrical Service: Retrofit of existing electrical service for WCIU Auxiliary	\$0.00	\$0.00	N/A	N/A	N/A
<b>Total for all</b> \$4,708,099.73 \$3,111,374.43 N/A \$2,113,279.30 N/A	Liquid Cooled Solid State Transmitter	\$494,500.00	\$301,428.58	N/A	\$301,428.58	N/A
	Sub-total	\$2,705,554.39	\$2,061,439.80	N/A	\$1,828,419.81	N/A
		\$4,708,099.73	\$3,111,374.43	N/A	\$2,113,279.30	N/A

Actual Information Description	File Name
Structural Modifications	Information not provided.
10 Ton system	Information not provided.

Structural Analysis Information not provided.						
State and City Taxes	Information not provided.	Information not provided.				
Other Electrical Service: Retrofit of existing electric service for WCIU Primary Transmitter	Component Description:	WCIU Primary and Auxiliary transmitter electrical final				
	Amount:	payment. \$4,160.02				
	Component Description:	WCIU Primary and Auxiliary transmitter electrical				
	Amount:	downpayment \$79,040.38				
UHF - Liquid Cooled Solid State Transmitter 52 - 61 kW	Component Description:	WCIU Primary Transmitter additional RF				
	Amount:	components \$21,441.28				
	Component Description:	WCIU Primary Transmitter Shipping				
	Amount:	\$15,937.50				
	Component Description: Amount:	WCIU Primary Transmitter Fittings \$3,005.28				
	Component Description:	WCIU Primary Transmitter Final Payment				
	Amount:	\$992,498.83				

**Component Description: WCIU Primary** Transmitter Downpayment \$305,384.25 **Amount: Component Description:** This invoice is for the 25% Initial down payment of the Primary Transmitter Amount: \$305,384.25 **Component Description:** This invoice is for the 25% Initial down payment for the Main transmitter. Amount: \$305,384.25 **Component Description:** Final invoice for WCIU Main transmitter installation and proof Amount: N/A **Component Description: WCIU Primary** Transmitter RF sample port extension cables **Amount:** \$589.69 **Component Description:** 50% Initial downpayment for WCIU Main transmitter installation and

> proof N/A

Transmitter Installation

Amount:

**Component Description:** WCIU Main and Aux condensor

valve installation

**Amount:** \$8,500.00

Component Description: WCIU Main and

Aux transmitter manifold and condensor water piping for heat exchangers

**Amount:** \$9,750.60

Component Description: WCIU Main and

Aux transmitter manifold and condensor water piping for heat exchangers

**Amount:** \$11,917.40

Component Description: WCIU Primary

Transmitter
Installation Final

Payment \$50,000.00

**Amount:** \$50,000.00

**Component Description:** WCIU Primary

transmitter house cooling pump

rebuild

**Amount:** \$4,766.00

Component Description: WCIU Primary

Transmitter
Installation, 50%
final invoice

Amount: N/A

	Component Description:  Amount:	WCIU Primary Transmitter Installation, 50% initial invoice. N/A
State and City Taxes	Information not provided.	
Transmitter Installation	Component Description:	WCIU Auxiliary Transmitter installation final payment
	Amount:	\$20,000.00
	Component Description:	WCIU Auxiliary Transmitter Installation final 50% invoice
	Amount:	N/A
	Component Description:	WCIU Auxiliary Transmitter Installation initial 50% invoice
	Amount:	N/A
Structural Modifications	Information not provided.	
Structural Analysis	Information not provided.	
Other Electrical Service: Retrofit of existing electrical service for WCIU Auxiliary Transmitter	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW

**Component Description:** WCIU Auxiliary

Transmitter

Downpayment

**Amount:** \$68,835.25

**Component Description:** WCIU Auxiliary

Transmitter
Shipping

**Amount:** \$8,500.00

**Component Description:** WCIU Auxiliary

Transmitter Final

Amount: Payment \$223,714.56

Component Description: WCIU Auxiliary

Transmitter Fittings

**Amount:** \$378.77

Component Description: 50% Initial

downpayment for

WCIU Aux transmitter installation and

proof

Amount: N/A

Component Description: Initial 25% Down

payment for the Aux transmitter.

**Amount:** \$68,835.25

Component Description: Final Invoice

WCIU Aux transmitter installation and

proof

Amount: N/A

# **Cost Information**

#### **Antennas**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU- 14JSC/VP-R CT170	\$241,876.54	\$214,016.64		\$247,182.54	
Test Transition	\$0.00	\$0.00	N/A	\$2,379.60	Please delete this category. This has been consolidated under the Primary Antenna.
State and City Taxes	\$10,958.36	\$10,958.36	N/A	\$10,958.36	WCIU Primary antenna sales tax
UHF - High Power, Side Mount, basic slot antenna, 503 kW input, directional,, elliptically or circularly polarized	\$183,478.18	\$183,478.18	The existing WCIU antenna was an elliptical antenna cut for channel 27 only. This was an equivalent antenna cut for channel 23.	\$183,478.18	N/A

Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$9,280.00	Please delete "WCIU Primary antenna sweep test downpayment and "WCIU Primary antenna sweep test pre ship".
Elbow complex, single channel, at antenna input, per 6 1 /8. feedline (if needed)	\$12,300.00	\$0.00	N/A	\$10,281.60	Please delete this category. This has been consolidated under the Primary Antenna.
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$13,180.10	See additional details provided in the WCIU Primary Antenna Side Mounts Rebuild Binder.	\$28,948.10	Please delete "WCIU Primary antenna side mounts downpayment and "WCIU primary antenna side mounts pre ship". This has been consolidated under the Primary Antenna.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	This was not necessary.	\$0.00	WCIU elected not to do this since the installation options were limited.

Rigid Transmission Line-Copper	\$0.00	\$0.00	N/A	\$1,856.70	Please delete this category. This has been consolidated under the Primary Antenna.
Auxiliary Antenna PHP24C	\$90,930.00	\$74,042.86		\$0.00	
New combiner, cost per channel (without antenna)	\$84,200.00	\$67,642.86	N/A	\$0.00	Original estimated costs were provided to tenants by Willis Tower. Actual costs have slightly exceeded the estimated costs. In addition, the estimates did not include taxes.
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$332,806.54	\$288,059.50	N/A	\$247,182.54	N/A
Total for all systems	\$4,708,099.73	\$3,111,374.43	N/A	\$2,113,279.30	N/A

<b>Actual Information</b>		
Description	File Name	

**Test Transition** Deleted **Component Description:** Amount: N/A **WCIU Primary Component Description:** antenna test transition pre ship **Amount:** \$1,189.80 **Component Description: WCIU Primary** antenna test transition downpayment Amount: \$1,189.80 State and City Taxes **Component Description:** WCIU Main antenna mounts-Sales Tax invoice **Amount:** \$1,095.00 WCIU Main **Component Description:** antenna Sales tax Invoice **Amount:** \$10,958.36 **Component Description:** Sales Tax for WCIU Primary antenna and VPOL, Elbow Complex, and Test Transition. Amount: \$10,958.36 UHF - High Power, Side Mount, basic slot antenna, **Component Description: WCIU Primary** 503 kW input, directional,, antenna elliptically or circularly transformer and polarized tuner Sales Tax \$519.96 Amount:

Component Description: WCIU Primary

Antenna

Transformer and

Tuner

**Amount:** \$5,220.95

Component Description: WCIU Primary

Antenna

Downpayment

**Amount:** \$82,138.95

**Component Description:** 

Amount:

Deleted

N/A

Component Description: WCIU Primary

antenna cut line

section sales tax

**Amount:** \$128.94

Component Description: WCIU Primary

antenna cut line

section

**Amount:** \$2,063.00

Component Description: WCIU Primary

antenna sales tax

**Amount:** \$10,958.36

Component Description: WCIU Primary

Antenna Pre-Ship

**Amount:** \$82,138.95

Component Description: WCIU Main

antenna mounts

**Amount:** \$12,085.10

	Component Description: Amount:	WCIU Primary antenna cut line section shipping \$309.07
Sweep test of existing antenna	Component Description:  Amount:	WCIU Primary antenna sweep test downpayment \$2,880.00
	Component Description:	WCIU Primary antenna sweep test pre ship
	Amount:  Component Description:	\$2,880.00  WCIU Primary antenna system
	Amount:  Component Description:	sweep \$6,400.00 Deleted
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if	Amount:  Component Description: Amount:	N/A  Deleted N/A
needed)	Component Description:	WCIU Primary antenna elbow complex
	Amount:	downpayment \$5,140.80
	Component Description:  Amount:	WCIU Primary antenna elbow complex pre ship \$5,140.80

Side mount brackets for high power antennas (if not included in antenna base cost)	Component Description: Amount:	Deleted N/A
	Component Description:	WCIU Primary antenna side mount rebuild Sales Tax
	Amount:	\$1,095.00
	Component Description:	WCIU Primary antenna side
	Amount:	mounts pre ship \$7,884.00
	Component Description:	WCIU Primary antenna side
	Amount:	mounts rebuild \$12,085.10
	Component Description:	WCIU Primary antenna side mounts downpayment
	Amount:	\$7,884.00
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	

Rigid Transmission Line- Copper	Component Description:	WCIU Primary antenna rigid line
	Amount:	pre ship \$928.35
	Component Description:	WCIU Primary antenna rigid line
	Amount:	downpayment \$928.35
	Component Description: Amount:	Deleted N/A
New combiner, cost per channel (without antenna)	Component Description:	Willis Tower WCIU Aux antenna
	Amount:	combiner Invoice \$13,316.67
	Component Description:	Willis Tower WCIU Aux antenna combiner-taxes Invoice
	Amount:	\$2,387.20
	Component Description:	Willis Tower WCIU Aux Channel combiner Invoice
	Amount:	\$50,852.90
Sweep test of existing antenna	Information not provided.	

### **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
Primary Transmission Line	\$0.00	\$0.00		\$0.00	
Auxiliary Transmission Line	\$8,000.00	\$8,000.00		\$5,847.85	
Willis AUX Antenna	\$8,000.00	\$8,000.00	Due to the relocation of the Willis Tower AUX antenna combiner room, WCIU is required to extend the existing 5" flex line 80' from the old combiner room to the new combiner room. (80'x\$100 /ft)	\$5,847.85	N/A
Sub-total	\$8,000.00	\$8,000.00	N/A	\$5,847.85	N/A
Total for all systems	\$4,708,099.73	\$3,111,374.43	N/A	\$2,113,279.30	N/A

<b>Actual Information</b>		
Description	File Name	

Willis AUX Antenna		
	Component Description:	WCIU Aux line shipping invoice
	Amount:	\$1,887.85
	Component Description:	WCIU Aux line
		invoice
	Amount:	\$3,960.00
	Component Description:	Willis Tower
		WCIU AUX
		antenna
		connections
		Invoice
	Amount:	\$150.00

## **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 (
Auxiliary Tower BMAST	\$791,600.00	\$325,001.33		\$0.00	
Tower Helicopter Lift	\$200,000.00	\$200,000.00	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$600,000 for the NE Decommission Lift of the EAST Tower AUX antenna. WCIU's portion, \$200,000.	N/A	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$75,000.00	N/A	N/A	N//
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$33,333.33	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$200,000 for the East Pole Decommission Prep Work of the EAST Tower AUX antenna. WCIU's portion, \$33,333.33.	N/A	N//

Structural engineering tower load study for well documented tower	\$12,600.00	\$16,668.00	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$100,000 for the East Pole Decommissioning of the EAST Tower AUX antenna. WCIU's portion, \$16,666.67	\$0.00	N
Primary Tower BTWR	\$605,300.00	\$172,500.00		\$0.00	
Minor tower reinforcement /modifications	\$158,000.00	\$75,000.00	N/A	N/A	N
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$12,500.00	N/A	\$0.00	The or estime we provide tenane Willis To Actual have so exceed the estime due unforce struction required by the of Chillian tenane with the context of the
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$85,000.00	N/A	\$0.00	N

Sub-total	\$1,396,900.00	\$497,501.33	N/A	\$0.00	N//
Total for all systems	\$4,708,099.73	\$3,111,374.43	N/A	\$2,113,279.30	N/ı

Actual Information Description	File Name	
Tower Helicopter Lift	Information not provided.	
Minor tower reinforcement /modifications	Information not provided.	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.	
Structural engineering tower load study for well documented tower	Component Description:	Willis Tower Aux antenna Structural related costs Invoice
	Amount:	\$1,779.17
Minor tower reinforcement /modifications	Information not provided.	
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary	Component Description:	Willlis Tower WCIU Main tower documentation for
for tower load study	Amount:	antenna Invoice \$2,500.00
	Component Description:	Willis Tower WCIU Main antenna structrual and inspections Invoice
	Amount:	\$16,822.99

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)

Component Description: Willis Tower Main

tower antenna

demo and

preparation Invoice

**Amount:** \$32,520.58

Component Description: Willis Tower WCIU

Main antenna

installation Invoice

**Amount:** \$58.50

## **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
Outside Professional Services	\$48,545.00	\$40,645.00	Custilloution	\$0.00	ousout.or
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Aux Antenna, prepare and File Form 2100 Construction Permit or License Application	\$4,210.00	\$4,210.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	\$0.00	WCIU was able to coordinate with other broadcasters without accruing any additional costs.
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$7,360.00	\$3,500.00	N/A	N/A	N/A
Prepare request for Special Temporary Authorization	\$4,100.00	\$1,500.00	N/A	N/A	N/A

Total for all systems	\$4,708,099.73	\$3,111,374.43	N/A	\$2,113,279.30	N/A
Sub-total	\$48,545.00	\$40,645.00	N/A	\$0.00	N/A
Engineer Fees- Aux Antenna: Prepare engineering section of FCC Form 2100, Construction Permit Application	φ2,103.00	φ2,103.00	IVA	IV/A	IV/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application RF Consulting	\$1,580.00 \$2,105.00	\$1,500.00 \$2,105.00	N/A	N/A	N/A
Engineer Fees- Aux Antenna: Prepare Engineering Section of FCC Form 2100, License to Cover Application		\$1,580.00			

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	Actua Justif
Other Expenses	\$216,293.80	\$215,728.80		\$31,829.10	
Transmission Line Removal	\$41,666.67	\$41,666.67	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$250,000 for the Transmission Line Removal of the EAST Tower AUX antenna. WCIU's portion, \$41,666.67.	N/A	<b>N</b>
Transmitter Room Repairs	\$2,690.00	\$2,690.00	Repairs of drywall, painting, and floors due to the removal of the existing transmitters and retrofitting for the new transmitters	\$2,690.00	,
Combiner Room Construction	\$12,857.14	\$12,857.14	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$90,000 for the Combiner Room Construction of the EAST Tower AUX antenna. WCIU's portion, \$12,857.14.	N/A	<b>N</b>

Outside Project Management	\$15,833.33	\$15,833.33	See attached Willis Tower Budget Overview for EAST	\$0.00	N
a.iagainain			Tower RFS Systems.		
			Willis Tower		
			estimates \$95,000		
			for the Outside		
			Project Management		
			of the EAST Tower		
			AUX antenna.		
			WCIU's portion,		
			\$15,833.33.		
RF Safety	\$16,666.67	\$16,666.67	See attached Willis	N/A	١
Coordination			Tower Budget		
			Overview for EAST		
			Tower RFS Systems.		
			Willis Tower		
			estimates \$100,000		
			for the RF Safety		
			Coordination of the		
			EAST Tower AUX		
			antenna. WCIU's		
			portion, \$16,666.67.		
Transmission	\$20,833.33	\$20,833.33	See attached Willis	N/A	٨
Line			Tower Budget		
Installation			Overview for EAST		
			Tower RFS Systems.		
			Willis Tower		
			estimates \$125,000		
			for the Transmission Line Installation of		
			the EAST Tower		
			AUX antenna.		
			WCIU's portion,		
			\$20,833.33		
Equipment	\$333.33	\$333.33	See attached Willis	N/A	
Storage	ψ333.33	ψ000.00	Tower Budget	14/74	1,
Ciorage			Overview for EAST		
			Tower RFS Systems.		
			Willis Tower		
			estimates \$2,000 for		
			the Equipment		
			Storage of the EAST		
			Tower AUX antenna.		
			WCIU's portion,		

East Pole Material Disposal	\$13,333.33	\$13,333.33	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$80,000 for the East Pole Material Disposal of the EAST Tower AUX antenna. WCIU's portion, \$13,333.33	N/A	<b>N</b>
Equipment Delivery and Handling Charges	\$2,500.00	\$2,500.00	Willis Tower loading dock after hours fees.	N/A	٨
DTV Medical Facility Notification	\$11,550.00	\$11,000.00	N/A	\$5,250.00	٨
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N
Disposal Costs (for equipment and other waste, net of any salvage value)	\$50,000.00	\$50,000.00	Removal of WCIU IOT transmitter cabinets, beam supplies, RF System, cooling system, electrical system. See attachments "MSG4442226_2020, 0310 Exclusive Construction Proposal"	\$23,889.10	<b>N</b>
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	٨

MVPD Notification of Channel Change	\$2,500.00	\$2,500.00	Notification to all MVPD regarding channel changes.	\$0.00	WCII ab coor w MV wit acc a addi
Cylinder Entry Port Resoration	\$25,000.00	\$25,000.00	See attached Willis Tower Budget Overview for EAST Tower RFS Systems. Willis Tower estimates \$150,000 for the Cylinder Entry Port Restoration of the EAST Tower AUX antenna. WCIU's portion, \$25,000.	N/A	٨
Sub-total	\$216,293.80	\$215,728.80	N/A	\$31,829.10	١
Total for all systems	\$4,708,099.73	\$3,111,374.43	N/A	\$2,113,279.30	٨

Actual Information Description	File Name	
Transmission Line Removal	Information not provided.	
Transmitter Room Repairs	Component Description: Amount:	WCIU Transmitter room repairs, flooring and epoxy \$2,690.00
Combiner Room Construction	Information not provided.	

	Component Description	Willis Tower
	Component Description:	Consultant Fees
		related to the
		building project
		Invoice
	Amount:	\$154.90
	Component Description:	Willis Tower
		Consultant Fees
		related to the
		building project
		Invoice
	Amount:	\$1,634.46
RF Safety Coordination	Information not provided.	
Transmission Line Installation	Information not provided.	
Equipment Storage	Information not provided.	
East Pole Material Disposal	Information not provided.	
Equipment Delivery and Handling Charges	Information not provided.	
DTV Medical Facility		
Notification	Component Description:	WCIU Medical
		Notifications
		invoice
	Amount:	\$5,250.00
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	

Disposal Costs (for		
equipment and other waste, net of any salvage value)	Component Description:	Removal of glycol from WCIU pre- repack transmitters and excess anti-feeze from WCIU post- repack transmitters.
	Amount:	\$4,074.91
	Component Description:	Removal of WCIU transmitters pre- repack transmitter barrels used for containing glycol.
	Amount:	\$914.19
	Component Description:	WCIU Pre-Repack Main transmitter demo invoice.
	Amount:	\$18,900.00
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
MVPD Notification of Channel Change	Information not provided.	
Cylinder Entry Port Resoration	Information not provided.	

# Cost Information

#### **Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$4,708,099.73	\$3,111,374.43	\$2,113,279.30

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

Section Question Response

### Submission of Estimated Expenses Statements

WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.

- 1. The Authorized
  Person signing
  below certifies that he
  /she is authorized to
  submit this TV
  Broadcaster
  Relocation Fund
  Reimbursement
  Form on behalf of
  the above-named
  entity.
- 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.
- 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.

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

8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the abovenamed applicant for the Authorization(s) specified above. **Kyle Walker** *VP, Technology* 

12/25/2020

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. **Kyle Walker** *VP, Technology* 

12/25/2020

#### **Attachments**