



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **68061** | Service: **LPX** | Call **WRJK-LP** | Channel:  
ID: | Sign:  
**11 (High VHF)** | File **000089887**  
Number:  
FRN: **0021414032** | Eligibility **Eligible** | Date **06/09**  
Status: | Submitted: **/2021**

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

Applicant	Address	Phone	Email	Applicant Type
<b>CHICAGO 22, LLC</b> Doing Business As: CHICAGO 22, LLC	Ravi Kapur 2118 WALSH AVE. SUITE 208 SANTA CLARA, CA 95050 United States	+1 (415) 886-7284	FCC@CHICAGO22. COM	Limited Liability Company

## Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Name and Information

Applicant	Address	Phone	Email
<b>Tony zumMallen</b> <i>Anywave</i>	Tony zumMallen 300 Knightsbridge Parkway, Suite 150 Suite 1011 Lincolnshire, IL 60069 United States	+1 (816) 882- 5600	tony. zummallen@anywavecom. com

**Broadcaster  
Information  
and  
Transition  
Plan**

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	Replace the transmitter, line and antenna per the channel reassignment with reasonable and customary engineering and business practices. Tenant on Willis Tower, Chicago.

**Transmitters**

Section	Question	Response
<b>Transmitter Related Expenses</b>	Do you have transmitter related expenses?	Yes

**Primary  
Transmitter**

**Existing Transmitter Information**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>Existing Transmitter Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Ownership	Owned
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	unknown
	Year	2013
	Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power Capacity	600 W

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
<b>New Transmitter</b>	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Manufacturer	
	Model	VAXTE-1R37
	Transmitter Type	Solid State
	Solid State Cooling	Air Cooled
	Solid State Power capacity	800 W
	Justification for New Transmitter	New transmitter required for new channel.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Other Transmitter Costs</b>	Does the transmitter installation require a Transmitter Building Site Survey /Installation?	Yes
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Rigid Conduit and Wiring	No
	Other Electrical Service	Yes

	Description	Willis tower electrical service required
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	No
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No

**Primary Transmitter**

**Other Transmitter Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Final Transmitter Taxes</b>	Transmitter sales taxes required for final configuration
<b>Interim Site Prep</b>	Preparation of site for interim transmitter
<b>Interim Transmitter Shipping fee</b>	Shipping fees for interim transmitter
<b>Final Transmitter</b>	Transmitter required for final configuration
<b>Final Transmitter - Decommission</b>	Decommissioning of STA transmitter in preparation for final config transmitter
<b>Final Transmitter Installation</b>	Transmitter installation costs required for final configuration
<b>Interim Transmitter -Decommissioning</b>	Harvesting and removal of old transmitter
<b>Interim Transmitter Taxes</b>	Sales tax for interim transmitter
<b>Final Transmitter Shipping fees</b>	Transmitter shipping fees required for final configuration
<b>Final Transmitter - Site prep</b>	Preparation of site for final config transmitter

**Antennas**

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

**Primary  
Antenna****Existing Antenna Information**

Section	Question	Response
<b>Existing Antenna Description</b>	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Ownership	Owned
	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
<b>Existing Antenna Manufacturer and Type</b>	Mounting	Side Mount
	Antenna position in stack	Middle
	Polarization	Horizontal
	Type	Slotted Coaxial
	ERP: (Effective Radiated Power)	1.4 kW
	Manufacturer	
	Model	4DR-16- 2HW
	Year	2013

**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Primary (Main)
	Change Type	Purchase New
	Ownership	Owned
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
<b>New Antenna Manufacturer and Types</b>	Mounting	Side Mount
	Antenna position in stack	Middle
	Polarization	Horizontal
	Type	Slotted Coaxial
	ERP: (Effective Radiated Power) .....	0.4 kW
	Manufacturer	
	Model	unknown
	Year	2019
	Justification for New Antenna	New antenna required for new channel.

**Primary  
Antenna**

**Other Antenna Costs**

Section	Question	Response
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes

	Broadband or Single Channel?	Single Channel
	Feed Line Size	1 5/8 inches inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary Antenna**

**Other Antenna Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Final Antenna costs</b>	Costs of final antenna
<b>Mount Design</b>	Design of antenna mount to support proposed antenna to be placed upon the West Bridge of Willis Tower broadcast facilities.
<b>Interim Antenna Shipping fee</b>	Shipping fees for interim antenna
<b>Final Antenna Sales Tax</b>	Sales tax for final antenna
<b>Interim Antenna Sales Tax</b>	Sales tax for interim antenna
<b>Final Antenna Shipping fee</b>	Shipping fees for final antenna

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

**Primary Existing Transmission Line**  
**Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	Type of change	Purchase New
	Use	Primary (Main)
	Ownership	Owned
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Flexible Foam
	Diameter	1 5/8 inches
	Number of parallel runs	1
	Length	200 feet per run

**Primary  
Transmission Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	Flexible Foam
	Diameter	1 5/8 inches
	Number of parallel runs	1
	Length	400 feet per run
	Justification for New Transmission Line	New transmission line required for new channel.
<b>Interior RF Systems</b>	Does the Installation of the Transmission Line require an additional or replacement Inside RF system including switching, patch panels, and dehydrators?	Yes

**Primary  
Transmission Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
<b>Final Transmission line shipping</b>	Shipping for final transmission line
<b>Final Transmission line taxes</b>	Sales tax for final transmission line
<b>Interim Transmission line shipping</b>	Shipping for interim transmission line
<b>Interim Transmission line taxes</b>	Sales tax for interim transmission line
<b>Final transmission line</b>	Costs for final line

**Tower Equipment And Rigging Costs**

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

**Primary Tower**

**Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	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	No
	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	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	BRE 312 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
73226	WLS-TV	DTV
72115	WGN-TV	DTV
66978	WEDE-CD	DTV
10802	WTTW	DTV
71428	WCIU-TV	DTV
168662	WMEU-CD	DTV
6377	WTMX	FM
51165	WGCI-FM	FM
140658	W236CF	FX
10801	WFMT	FM
70042	WLIT-FM	FM
70119	WSNS-TV	DTV
53971	WEBG	FM
48772	WPWR-TV	DTV
74178	WKSC-FM	FM
9617	WBBM-TV	DTV
9613	WBBM-FM	FM

71283	WCFS-FM	FM
32334	WJYS	DTV
73228	WLS-FM	FM
71425	WWME-CD	DTV
28621	WBMX	FM
22211	WFLD	DTV

**Primary Tower**

**Tower Modification Costs**

Section	Question	Response
<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Tower mapping and report for structural engineer
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

**Primary Tower**

**Tower Rigging Costs**

Section	Question	Response
<b>Tower Rigging Costs</b>	Complex Tower	Located on Building
<b>Helicopter Services Required</b>	Are helicopter services required?	No

**Primary Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional**

Section	Question	Response
<b>Services Costs Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	500
	Explanation	Required to assist in the turnkey management of the channel relocation project in order that the existing internal personal can maintain and operate the stations daily operational requirements and plans. Willis Tower adds complexity to project.
<b>Outside RF consulting Engineering Services</b>	Perform engineering study for displacement application	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

	Prepare Form 601	Yes
<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	Yes
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	2
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Form 399 assistance or other program management costs	Yes
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	No
	Additional Field Engineering Service	Yes
	Number of Days	50
	Justification	Field engineering costs expected for transition on Willis Tower.

**Outside Other Professional Services Expenses Not Listed**

<b>Professional Services Costs</b>	<b>Description</b>
<b>Attorney - General services</b>	General legal fees related to Willis Tower

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**Engineering - General services**

General outside engineering services  
related to Willis Tower

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**Other Expenses**

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Permit and Filing Costs</b>	FCC Construction Permit Major Change	Yes
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
<b>Other Miscellaneous Expenses</b>	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
<b>Point to Point Microwave (STL/ICR)</b>	Frequency Coordination for Unidirection System	No
	Frequency Coordination for Bi-Direction System	No
	New Point to Point Microwave System	No

**Other Expenses**

**Other Expenses Not Listed**

Name	Description
<b>Willis Tower Connection Fees</b>	Connection fees for Willis Tower

**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
<b>Primary Transmitter VAXTE-1R37</b>	<b>\$328,959.27</b>	<b>\$334,535.13</b>		<b>\$52,535.13</b>	
Final Transmitter - Site prep	<i>\$20,000.00</i>	\$20,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Final Transmitter Shipping fees	<i>\$3,117.89</i>	\$3,117.89	Estimated costs. Actual costs to be determined.	\$3,117.89	N/A
Interim Transmitter Taxes	<i>\$8,000.00</i>	\$8,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Interim Transmitter - Decommissioning	<i>\$25,000.00</i>	\$25,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Transmitter Building Site Survey /Installation	\$10,000.00	\$10,108.53	Estimated costs for site survey and transmitter installation. Revised upon Site Survey.	\$10,108.53	N/A

Final Transmitter - Decommission	<b>\$25,000.00</b>	\$25,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Final Transmitter Taxes	<b>\$2,305.38</b>	\$2,305.38	Estimated costs. Actual costs to be determined.	\$2,305.38	N/A
Final Transmitter	<b>\$79,000.00</b>	\$79,000.00	Estimate of final transmitter costs. Actual costs to be determined.	N/A	N/A
Final Transmitter Installation	<b>\$100,000.00</b>	\$100,000.00	Estimated costs for installation. Actual costs to be determined.	\$0.00	N/A
Interim Transmitter Shipping fee	<b>\$5,000.00</b>	\$5,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Other Electrical Service: Willis tower electrical service required	<b>\$1,536.00</b>	\$1,536.00	Estimate of costs for electrical service in Willis Tower for new equipment. Actual costs to be determined.	\$1,536.00	N/A
High VHF - Air Cooled Solid State Transmitter 400 - 1000 Watts	\$30,000.00	\$35,467.33	Cost determined by quote and invoices attached	\$35,467.33	N/A

Interim Site Prep	\$20,000.00	\$20,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
<b>Sub-total</b>	\$328,959.27	\$334,535.13	N/A	\$52,535.13	N/A
<b>Total for all systems</b>	\$1,131,647.18	\$1,335,515.04	N/A	\$189,893.03	N/A

## Components

Actual Information	
Description	File Name
Final Transmitter - Site prep	Information not provided.
Final Transmitter Shipping fees	<p><b>Component Description:</b> Transmitter shipping cost</p> <p><b>Amount:</b> \$3,117.89</p>
Interim Transmitter Taxes	Information not provided.
Interim Transmitter - Decommissioning	Information not provided.
Transmitter Building Site Survey/Installation	<p><b>Component Description:</b> Tx Installation</p> <p><b>Amount:</b> \$1,689.63</p> <p><b>Component Description:</b> Tx Installation</p> <p><b>Amount:</b> \$4,209.45</p> <p><b>Component Description:</b> Tx Installation</p> <p><b>Amount:</b> \$4,209.45</p>
Final Transmitter - Decommission	Information not provided.

Final Transmitter Taxes	<p><b>Component Description:</b> Transmitter Taxes</p> <p><b>Amount:</b> \$2,305.38</p>
Final Transmitter	Information not provided.
Final Transmitter Installation	<p><b>Component Description:</b> Delete</p> <p><b>Amount:</b> N/A</p> <p><b>Component Description:</b> Delete</p> <p><b>Amount:</b> N/A</p> <p><b>Component Description:</b> Delete</p> <p><b>Amount:</b> N/A</p>
Interim Transmitter Shipping fee	Information not provided.
Other Electrical Service: Willis tower electrical service required	<p><b>Component Description:</b> Electrical work for Transmitter Installation.</p> <p><b>Amount:</b> \$1,536.00</p>

High VHF - Air Cooled Solid State Transmitter 400 - 1000 Watts	<b>Component Description:</b> Transmitter cost payment 3 of 3 invoices <b>Amount:</b> \$11,822.45
	<b>Component Description:</b> Transmitter cost Payment 2 of 3 invoices <b>Amount:</b> \$11,822.44
	<b>Component Description:</b> Transmitter Installment payment for transmitter 1 of 3 invoices. <b>Amount:</b> \$11,822.44
Interim Site Prep	Information not provided.

**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
<b>Primary Antenna unknown</b>	<b>\$112,255.00</b>	<b>\$131,900.00</b>		<b>\$0.00</b>	
Final Antenna Shipping fee	<i>\$5,000.00</i>	\$5,000.00	Estimated costs. Actual costs to be determined.	\$0.00	N/A
Interim Antenna Sales Tax	<i>\$2,000.00</i>	\$2,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Final Antenna Sales Tax	<i>\$5,000.00</i>	\$5,000.00	Estimated costs. Actual costs to be determined.	\$0.00	N/A
Side Mount antenna brackets	\$4,625.00	\$10,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Elbow complex, single channel, 1 5 /8" input (if needed)	\$6,900.00	\$6,900.00	N/A	N/A	N/A

Sweep test of transmission line and antenna	\$5,730.00	\$20,000.00	Estimated costs for interim and final sweeps. Actual costs to be determined.	N/A	N/A
High VHF-Low Power, Side Mount, Slotted Coaxial, 0.4 kW input, Horizontal	<b>\$20,000.00</b>	\$20,000.00	Estimated costs of new antenna. Actual costs to be determined.	N/A	N/A
Final Antenna costs	<b>\$50,000.00</b>	\$50,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Interim Antenna Shipping fee	<b>\$5,000.00</b>	\$5,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Mount Design	<b>\$8,000.00</b>	\$8,000.00	Per attached ERE quote, plus estimated costs for final config. Actual costs to be determined.	N/A	N/A
<b>Sub-total</b>	\$112,255.00	\$131,900.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$1,131,647.18	\$1,335,515.04	N/A	\$189,893.03	N/A

### Components

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
<b>Primary Transmission Line</b>	<b>\$35,200.00</b>	<b>\$35,200.00</b>		<b>\$0.00</b>	
Interim Transmission line shipping	<i>\$2,000.00</i>	\$2,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Final Transmission line shipping	<i>\$2,000.00</i>	\$2,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Interior RF Systems: Inside RF system including switching, patch panels and dehydrators	<i>\$10,000.00</i>	\$10,000.00	Estimate of interior RF systems required for transition to new channel. Actual costs to be determined.	N/A	N/A
Flexible Foam Transmission Line - dielectric, 1 5 /8"	\$9,600.00	\$9,600.00	N/A	N/A	N/A
Final transmission line	<i>\$9,600.00</i>	\$9,600.00	Estimated costs. Actual costs to be determined.	N/A	N/A

Interim Transmission line taxes	<b>\$1,000.00</b>	\$1,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
Final Transmission line taxes	<b>\$1,000.00</b>	\$1,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
<b>Sub-total</b>	\$35,200.00	\$35,200.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$1,131,647.18	\$1,335,515.04	N/A	\$189,893.03	N/A

### Components

Information not provided.

**Cost Information**

**Tower Equipment and Rigging Costs**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Primary Tower BMAST</b>	<b>\$174,495.01</b>	<b>\$203,495.01</b>		<b>\$3,495.00</b>	
Minor tower reinforcement /modifications	<i>\$150,000.00</i>	\$150,000.00	Estimated tower modification costs. Actual costs to be determined.	N/A	N/A
Tower mapping and report for structural engineer	\$21,000.00	\$50,000.00	Estimate for mapping, reports, and Willis Tower structural engineer fees. Actual costs to be determined.	N/A	N/A
Complex Tower (includes, e. g., towers with candelabras and/or stacked antennas)	<i>\$3,495.01</i>	\$3,495.01	Estimate of costs related to antenna installation. Actual costs to be determined.	\$3,495.00	N/A
<b>Sub-total</b>	<b>\$174,495.01</b>	<b>\$203,495.01</b>	N/A	<b>\$3,495.00</b>	N/A
<b>Total for all systems</b>	<b>\$1,131,647.18</b>	<b>\$1,335,515.04</b>	N/A	<b>\$189,893.03</b>	N/A

**Components**

Actual Information	
Description	File Name
Minor tower reinforcement /modifications	Information not provided.
Tower mapping and report for structural engineer	Information not provided.
Complex Tower (includes, e. g., towers with candelabras and/or stacked antennas)	<p><b>Component Description:</b> Tower Rigging</p> <p><b>Amount:</b> \$3,495.00</p>

**Cost Information**

**Outside Professional Services**

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Outside Professional Services</b>	<b>\$324,027.90</b>	<b>\$466,349.90</b>		<b>\$48,862.90</b>	
Engineering - General services	<i>\$30,062.50</i>	\$30,062.50	Cost determined from invoices	\$30,062.50	N/A
Attorney - General services	<i>\$100,000.00</i>	\$100,000.00	Estimated costs of general attorney fees related to Willis Tower project. Actual costs to be determined.	N/A	N/A
Additional Field Engineering Service, 50 Days	<i>\$50,000.00</i>	\$50,000.00	Estimate of field engineering required to assist in transition activities. Actual costs to be determined.	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$52,600.00	\$43,732.00	Per-attached quote number 726-R for Coverage Verification	N/A	N/A

Attorney Fees - Prepare and File request for Special Temporary Authorization	\$4,470.00	\$10,000.00	Estimate of costs. Actual costs to be determined.	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$3,262.50	\$100,000.00	Estimate of costs. Actual costs to be determined.	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$1,577.50	\$5,000.00	Estimate of costs. Actual costs to be determined.	N/A	N/A
Prepare Form 601	\$755.00	\$755.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$3,025.00	\$5,000.00	Estimate of costs. Actual costs to be determined.	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,052.50	\$5,000.00	Estimate of costs. Actual costs to be determined.	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$2,102.50	\$10,000.00	Estimate of costs. Actual costs to be determined.	N/A	N/A

Prepare request for Special Temporary Authorization	\$2,560.00	\$6,000.00	Estimate of costs. Actual costs to be determined.	N/A	N/A
Perform engineering study for displacement application	\$1,800.00	\$5,000.00	Estimate of expected costs. Actual costs to be determined.	N/A	N/A
Form 399 assistance or other Program Management costs	<b>\$16,300.40</b>	\$16,300.40	Estimated costs. Actual costs to be determined.	\$16,300.40	N/A
Prepare/ Review 399 reimbursement form	\$1,710.00	\$2,500.00	Per attached Anywave invoice.	\$2,500.00	N/A
Project management of the transition	\$52,750.00	\$77,000.00	Estimated 500 hours at \$154/hr.	N/A	N/A
<b>Sub-total</b>	<b>\$324,027.90</b>	<b>\$466,349.90</b>	N/A	<b>\$48,862.90</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$1,131,647.18</b>	<b>\$1,335,515.04</b>	N/A	<b>\$189,893.03</b>	<b>N/A</b>

## Components

Actual Information	
Description	File Name
Engineering - General services	<p><b>Component Description:</b> Engineering Services.</p> <p><b>Amount:</b> \$30,062.50</p>
Attorney - General services	Information not provided.
Additional Field Engineering Service, 50 Days	Information not provided.

Comprehensive coverage verification via field study, if needed	Information not provided.																
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.																
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.																
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.																
Prepare Form 601	Information not provided.																
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	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.																
Prepare request for Special Temporary Authorization	Information not provided.																
Perform engineering study for displacement application	Information not provided.																
Form 399 assistance or other Program Management costs	<table> <tr> <td><b>Component Description:</b></td> <td>PM Paperwork</td> </tr> <tr> <td><b>Amount:</b></td> <td>\$1,093.40</td> </tr> <tr> <td> </td> <td></td> </tr> <tr> <td><b>Component Description:</b></td> <td>Paperwork</td> </tr> <tr> <td><b>Amount:</b></td> <td>\$1,632.40</td> </tr> <tr> <td> </td> <td></td> </tr> <tr> <td><b>Component Description:</b></td> <td>PM Paperwork</td> </tr> <tr> <td><b>Amount:</b></td> <td>\$1,509.20</td> </tr> </table>	<b>Component Description:</b>	PM Paperwork	<b>Amount:</b>	\$1,093.40	 		<b>Component Description:</b>	Paperwork	<b>Amount:</b>	\$1,632.40	 		<b>Component Description:</b>	PM Paperwork	<b>Amount:</b>	\$1,509.20
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<b>Component Description:</b>	PM Paperwork																
<b>Amount:</b>	\$1,509.20																

**Component Description:** Paperwork PM  
**Amount:** \$569.80

**Component Description:** Follow up  
Paperwork.  
**Amount:** \$1,817.20

**Component Description:** PM Paperwork  
**Amount:** \$3,403.40

**Component Description:** 399 Follow Up  
Work  
**Amount:** \$616.00

**Component Description:** Paperwork  
**Amount:** \$2,895.20

**Component Description:** Paperwork  
**Amount:** \$1,247.40

**Component Description:** 399 Follow Up  
Work  
**Amount:** \$154.00

**Component Description:** Paperwork PM  
**Amount:** \$523.60

**Component Description:** Form 399  
Assistance  
**Amount:** \$500.00

**Component Description:** 399 Follow Up  
Work  
**Amount:** \$338.80

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Prepare/ Review 399 reimbursement form	<b>Component Description:</b> 399 Submittal <b>Amount:</b> \$2,500.00
Project management of the transition	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
<b>Other Expenses</b>	<b>\$156,710.00</b>	<b>\$164,035.00</b>		<b>\$85,000.00</b>	
Willis Tower Connection Fees	<i>\$85,000.00</i>	\$85,000.00	Willis Tower connection fees, for interim and final configs.	\$85,000.00	N/A
Equipment Delivery and Handling Charges	<i>\$20,000.00</i>	\$20,000.00	Estimate of expected delivery and handling costs. Actual costs to be determined.	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$20,000.00</i>	\$20,000.00	Estimate of expected disposal costs. Actual costs to be determined.	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$305.00	\$700.00	Estimated costs. Actual costs to be determined.	N/A	N/A
FCC Filing Fees - Form 2100 Major change CP application	\$4,960.00	\$10,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A

Equipment Storage	\$25,000.00	\$25,000.00	Estimate of expected costs. Actual costs to be determined.	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$335.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$3,000.00	Estimated costs. Actual costs to be determined.	N/A	N/A
<b>Sub-total</b>	\$156,710.00	\$164,035.00	N/A	\$85,000.00	N/A
<b>Total for all systems</b>	\$1,131,647.18	\$1,335,515.04	N/A	\$189,893.03	N/A

## Components

Actual Information	
Description	File Name
Willis Tower Connection Fees	<p><b>Component Description:</b> Willis Tower (WRJK) connection. One-time charge to WRJK for temporary use of the antenna owned by the building.</p> <p><b>Amount:</b> \$85,000.00</p>
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.

FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 Major change CP application	Information not provided.
Equipment Storage	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.

**Cost Information** **Grand Total**

	<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>	<b>Actual Cost</b>
<b>Total for all systems</b>	\$1,131,647.18	\$1,335,515.04	\$189,893.03

**Reimbursement Status**

<b>Question</b>	<b>Response</b>
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

Certification	Section	Question	Response
	<p><b>Submission of Estimated Expenses Statements</b></p>	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <li data-bbox="715 779 1007 1167">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.</li> <li data-bbox="715 1196 991 1435">2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li data-bbox="715 1464 1002 1749">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.</li> </ol>	

- 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 above-named applicant for the Authorization(s) specified above.

**Deepti Dawar**  
*Reimbursement  
Representative*

06/09/2021

Certification	Section	Question	Response
	<p><b>Submission of Actual Cost Documentation Statements</b></p>	<p>WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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 above-named applicant for the Authorization(s) specified above.

**Deepti Dawar**  
*Reimbursement  
Representative*

06/09/2021

## Attachments