



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **6601** | Service: **DTV** | Call **WXPX-TV** | Channel: **29 (UHF)** |  
 ID: | Sign:  
 File **0000028645**  
 Number:  
 FRN: **0003720042** | Date **08/01**  
 Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>ION MEDIA LICENSE COMPANY, LLC</b>	Bianca Frye 601	+1 (561)	BiancaFrye@ionmedia.com	Limited Liability Company
Doing Business As: ION MEDIA LICENSE COMPANY, LLC	Clearwater Park Road West Palm Beach, FL 33401 United States	682- 4110		

## Reimbursement Contact Information

### Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

## Preparer Contact Information

### Preparer Contact Name and Information

Applicant	Address	Phone	Email
The Preparer is same as the reimbursement contact.			

## Broadcaster Information and Transition Plan

Question	Response
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<p>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.</p>	<p>Yes</p>
<p>Briefly describe transition plan</p>	<p>Install and operate from broadband interim antenna on pre repack channel utilizing current non retunable transmitter. Replace current top mount antenna, transmission line and transmitter for operation on post repack channel.</p>

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

**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)
	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	DCX
	Year	2003
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	40 kW

**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?	Yes
	Manufacturer	
	Model	THU9-16 EVO
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	25.5 kW
	Justification for New Transmitter	See attached Transmitter Exhibits. See attached Transmitter Upgrade Disclaimer.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
<b>Electrical Service</b>	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	300 kVA
	Rigid Conduit and Wiring	No
	Size	N/A

	Length	N/A
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	3200.0 square feet
<b>Channel 14 Costs</b>	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**

<b>Name</b>	<b>Description</b>
<b>Removal of Existing Equipment</b>	Removal of existing transmitters and equipment / Site Prep
<b>RF Interconnect</b>	Interconnect between RF System and transmission line

**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)
	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?	Yes
<b>Existing Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	257.0 kW

Manufacturer	
Model	TFU- 24GTH-R 04
Year	2003

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**Primary  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	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?	Yes
<b>New Antenna Manufacturer and Types</b>	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Top
	Polarization	Elliptical
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	218.0 kW
Manufacturer		

Model	TFU-21JTH /VP-R-O6
Year	2019
Justification for New Antenna	Current slot antenna can not be re-channelled. Please refer to the SOW tab in the attached AT Repack Cost Estimate Worksheet as WXPX is planning on a separate antenna stacked above the broadband antenna.

**Primary Antenna**

**Other Antenna Costs**

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
<b>Elbow Complex</b>	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
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	
<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**

Name	Description
<b>Input Complex</b>	Includes the necessary line sections, hangers, elbows, and engineering design to get the line from inside the tower up through to the antenna input located at the top of the stack.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Lease New
	Ownership	Leased
	Owner	American Tower
	Is antenna shared?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Slot
	Number of Stations Supported	3
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	75.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	250.0 kW
	Manufacturer	
	Model	I230EH
Year	2017	

Justification for New Antenna	Broadband interim antenna needed to complete channel repack for 3 stations.
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**Interim Antenna**

**Other Antenna Costs**

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	3
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for an antenna?	No
<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

**Enter a list of RF channel numbers.**

RF Channel Number
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29

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18

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19

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**Interim  
Antenna**

**Other Antenna Cost Not Listed**

<b>Name</b>	<b>Description</b>
<b>Interim Antenna Rent</b>	ATC is working with 4 repack stations on the Riverview 1 tower. The interim Main side mount antenna will allow the broadcasters to minimize their OTA disruption, maintain their coverage contour, complete the tower work in a safe and timely manner.
<b>Combiner Installation</b>	Installation of combiner; Dual chain of 3 high power constant impedance wave-guide modules, and/or dual chains of 3 directional filter modules per Dielectric layout. required for broadband antenna system

**Transmission  
Line**

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

**Primary  
Transmission  
Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	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
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	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	1650 feet per run



**Primary  
Transmission  
Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	No
	Type	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	1705 feet per run
	Justification for New Transmission Line	See attached Transmission Line Exhibit

**Primary  
Transmission  
Line**

**Other Transmission Line Expenses Not Listed**

Name	Description
Sweep existing transmission line	Sweep existing transmission line

**Interim  
Transmission  
Line**

**New Transmission Line**

Section	Question	Response
<b>New Transmission Line Costs</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	6 1/8 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	2
	Length	1440 feet per run
	Justification for New Transmission Line	The interim Main side mount antenna will allow the broadcasters to minimize their OTA disruption, maintain their coverage contour, complete the tower work in a safe and timely manner.

**Interim  
Transmission  
Line**

**Other Transmission Line Expenses Not Listed**

Information 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
<b>Existing Tower Description</b>	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	Candelabra
	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?	Unknown
	Is tower compliant with Rev G?	No
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	Yes
	ASR Number	1057473
<b>Coordinates (NAD83 ( North American Datum of 1983))</b>	Latitude (NAD83)	27° 49' 10.8" N-
	Longitude (NAD83)	082° 15' 38.0" W-
	Overall Structure Height	1592.83 feet
	Support Structure Height	1443.88 feet
	Ground Elevation Above Mean Sea Level (AMSL)	75.13 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	American Towers, LLC.
Date Constructed	09/07/2011

**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
53819	WMOR-TV	DTV
11290	WTSP	DTV
47459	WMNF	FM
11125	WCLF	DTV
29732	WFLZ-FM	FM
66013	WPOI	FM
74200	WWRM	FM
23078	WMTX	FM
16788	WVEA-TV	DTV
63984	WFUS	FM

**Primary  
Tower**

**Tower Modification Costs**

Section	Question	Response
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<b>Engineering Study</b>	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
<b>Tower Reinforcements</b>	Please select whether tower reinforcements are needed:	Major Reinforcements needed

**Primary Tower**

**Tower Rigging Costs**

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

**Primary Tower**

**Other Tower Expenses Not Listed**

Name	Description
<b>Tower Permit Drawing Package</b>	The generation of a construction drawing package for one (1) broadcasters /customers.
<b>Tower Load Study</b>	Rigorous Structural analysis to assess the structural capacity and modifications needed to accommodate the repacked equipment.
<b>Interim antenna and transmission line installation</b>	Rigging cost for the new side mount interim antenna and transmission line installation
<b>Construction project management Tower Modification reinforcements and facilities</b>	(80) hours on Modification project management
<b>Ground and Building A and E Permit Drawing Package</b>	The generation of a construction drawing package for one (1) broadcasters /customers.

**Outside Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	95
	Explanation	Required by tower landlord. 94.8hrs x \$100hr
<b>Outside RF consulting Engineering Services</b>	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
	<b>Attorney and Other Outside Consulting Services</b>	Prepare and file Form FCC Construction Permit Application
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	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	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
<b>RF Field Engineering Services</b>	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

**Other Professional Services Expenses Not Listed**

**Outside Professional Services Costs**

<b>Name</b>	<b>Description</b>
<b>Migratory Bird Assessment and Permitting</b>	Migratory Bird Assessment / Permitting (if needed) (Cost per customer)
<b>RF System Test</b>	RF System Test per landlord
<b>Site Coordination Meeting</b>	Site coordination meetings with all broadcasters, contractors and vendors involved with the site project.





**Other Expenses**

<b>Section</b>	<b>Question</b>	<b>Response</b>
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	Local Zoning	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	Yes
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
<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
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other  
Expenses**

**Other Expenses Not Listed**

Name	Description
<b>Obtain building permits from local zoning authorities</b>	The cost of preparation and submission of the needed forms for permits, on behalf of the one broadcaster for jurisdictional permits, required for electrical, building and other tasks assoc. with the install of the the equipment in the transmitter spaces.

**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 THU9-16 EVO</b>	<b>\$1,084,450.00</b>	<b>\$788,767.00</b>		<b>\$410,403.05</b>	
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	N/A	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	N/A	N/A
Other -- Building Addition Size: 3200.0	<i>\$30,400.00</i>	\$30,400.00	See AT exhibit for more information.	N/A	N/A
Removal of Existing Equipment	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
RF Interconnect	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$654,117.00	N/A	\$410,403.05	N/A
<b>Sub-total</b>	<b>\$1,084,450.00</b>	<b>\$788,767.00</b>	N/A	<b>\$410,403.05</b>	N/A
<b>Total for all systems</b>	<b>\$3,818,438.00</b>	<b>\$2,149,419.10</b>	N/A	<b>\$569,645.32</b>	N/A

**Components**

Actual Information Description	File Name
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Transformer 3 phase/480v - 300 KVA	Information not provided.
5 Ton system	Information not provided.
Other -- Building Addition Size: 3200.0	Information not provided.
Removal of Existing Equipment	Information not provided.
RF Interconnect	Information not provided.
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	<p><b>Component Description:</b> 2nd "milestone" 30% payment on Rohde &amp; Schwarz transmitter. Supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b> \$188,922.95</p> <p><b>Component Description:</b> 3rd "milestone" 35% payment on Rohde &amp; Schwarz transmitter. Supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b> \$220,410.10</p> <p><b>Component Description:</b> "Deposit" payment on Rohde &amp; Schwarz transmitter. Supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b> \$1,070.00</p>



**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>Interim Antenna I230EH</b>	<b>\$205,827.00</b>	<b>\$142,197.00</b>		<b>\$0.00</b>	
Sweep test of existing antenna	\$6,730.00	\$3,000.00	See AT exhibit for more information.	N/A	N/A
UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 250 kW input, directional,, elliptically or circularly polarized	<i>\$40,097.00</i>	\$40,097.00	See AT exhibit for more information.	N/A	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$33,000.00	See AT exhibit for more information.	N/A	N/A
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$5,000.00	See AT exhibit for more information.	N/A	N/A
Interim Antenna Rent	<i>\$57,600.00</i>	\$57,600.00	See AT exhibit for more information.	N/A	N/A

Combiner Installation	<i>\$3,500.00</i>	\$3,500.00	See AT exhibit for more information.	N/A	N/A
<b>Primary Antenna TFU-21JTH /VP-R-O6</b>	<b>\$325,255.00</b>	<b>\$229,585.00</b>		<b>\$53,215.00</b>	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$1,600.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,710.00	N/A	\$2,677.50	N/A
Input Complex	<i>\$16,725.00</i>	\$16,725.00	N/A	\$4,181.25	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$195,750.00	Main antenna and wedding cake. V-Pol cost not included in reimbursement request. Please see attached Dielectric Quote #DMS038-3-WXPX.	\$44,756.25	N/A
<b>Sub-total</b>	<b>\$531,082.00</b>	<b>\$371,782.00</b>	<b>N/A</b>	<b>\$53,215.00</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$3,818,438.00</b>	<b>\$2,149,419.10</b>	<b>N/A</b>	<b>\$569,645.32</b>	<b>N/A</b>

## Components

Actual Information Description	File Name
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Sweep test of existing antenna	Information not provided.
UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 250 kW input, directional,, elliptically or circularly polarized	Information not provided.
New combiner, cost per channel (without antenna)	Information not provided.
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	Information not provided.
Interim Antenna Rent	Information not provided.
Combiner Installation	Information not provided.
Sweep test of existing antenna	<p><b>Component Description:</b> 25% "with order" for primary repack sweep operations. Supporting documentation is attached.</p> <p><b>Amount:</b> \$1,600.00</p>
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<p><b>Component Description:</b> 25% "with order" for primary elbow complex. Supporting documentation is attached.</p> <p><b>Amount:</b> \$2,677.50</p>
Input Complex	<p><b>Component Description:</b> 25% "with order" for input complex. Supporting documentation is attached.</p> <p><b>Amount:</b> \$4,181.25</p>



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

**Component Description:**

25% "with order"  
for primary  
antenna and  
wedding cake.  
Supporting  
documentation is  
attached.

**Amount:**

\$44,756.25

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**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>Interim Transmission Line</b>	<b>\$668,160.00</b>	<b>\$122,400.00</b>		<b>\$0.00</b>	
Rigid Transmission Line - copper, 6 1/8" broadband	\$668,160.00	\$122,400.00	See AT exhibit for more information.	N/A	N/A
<b>Primary Transmission Line</b>	<b>\$350,810.00</b>	<b>\$308,312.10</b>		<b>\$79,659.28</b>	
Rigid Transmission Line - copper, 6 1/8"	\$344,410.00	\$301,912.10	N/A	\$79,659.28	N/A
Sweep existing transmission line	<i>\$6,400.00</i>	\$6,400.00	N/A	N/A	N/A
<b>Sub-total</b>	<b>\$1,018,970.00</b>	<b>\$430,712.10</b>	<b>N/A</b>	<b>\$79,659.28</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$3,818,438.00</b>	<b>\$2,149,419.10</b>	<b>N/A</b>	<b>\$569,645.32</b>	<b>N/A</b>

**Components**

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 6 1/8" broadband	Information not provided.

Rigid Transmission Line - copper, 6 1/8"	<p data-bbox="710 181 1013 210"><b>Component Description:</b></p> <p data-bbox="1150 181 1350 483">25% "with order" for primary transmission line and transmission line cut pieces. Supporting documentation is attached.</p> <p data-bbox="710 501 817 530"><b>Amount:</b></p> <p data-bbox="1150 501 1283 530">\$79,659.28</p>
Sweep existing transmission line	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 GTOWER</b>	<b>\$909,838.00</b>	<b>\$322,738.00</b>		<b>\$20,000.00</b>	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$125,000.00	See AT Exhibit for more information.	\$20,000.00	N/A
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$6,200.00	See AT Exhibit for more information.	N/A	N/A
Interim antenna and transmission line installation	<i>\$17,250.00</i>	\$17,250.00	See AT Exhibit for more information.	N/A	N/A
Major tower reinforcement /modifications	\$421,000.00	\$150,000.00	See AT Exhibit for more information.	N/A	N/A
Ground and Building A and E Permit Drawing Package	<i>\$4,700.00</i>	\$4,700.00	See AT exhibit for more information.	N/A	N/A

Construction project management Tower Modification reinforcements and facilities	<i>\$10,000.00</i>	\$10,000.00	See AT exhibit for more information.	N/A	N/A
Tower Load Study	<i>\$4,888.00</i>	\$4,888.00	See AT exhibit for more information.	N/A	N/A
Tower Permit Drawing Package	<i>\$4,700.00</i>	\$4,700.00	See AT Exhibit for more information.	N/A	N/A
<b>Sub-total</b>	\$909,838.00	\$322,738.00	N/A	\$20,000.00	N/A
<b>Total for all systems</b>	\$3,818,438.00	\$2,149,419.10	N/A	\$569,645.32	N/A

## Components

Actual Information	
Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<p><b>Component Description:</b></p> <p>Down payment associated with securing tower service. Note that amount is not additional to cost of tower rigging and will be deducted from total cost of tower rigging at the time it is quoted. Supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b> \$20,000.00</p>

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.
Interim antenna and transmission line installation	Information not provided.
Major tower reinforcement /modifications	Information not provided.
Ground and Building A and E Permit Drawing Package	Information not provided.
Construction project management Tower Modification reinforcements and facilities	Information not provided.
Tower Load Study	Information not provided.
Tower Permit Drawing Package	Information not provided.

**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>\$183,158.00</b>	<b>\$151,085.00</b>		<b>\$6,367.99</b>	
Site Coordination Meeting	<i>\$1,500.00</i>	\$1,500.00	See AT exhibit for more information.	N/A	N/A
RF System Test	<i>\$5,000.00</i>	\$5,000.00	See AT exhibit for more information.	N/A	N/A
Migratory Bird Assessment and Permitting	<i>\$438.00</i>	\$438.00	See AT exhibit for more information.	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$3,750.00	See AT exhibit for more information.	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	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

ASR modification (prepare FCC Form 854)	\$2,105.00	\$167.00	See AT exhibit for more information.	N/A	N/A
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
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 - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,742.99	N/A



Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	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 engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,500.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$125.00	N/A
Project management of the transition	\$15,010.00	\$9,480.00	See AT Exhibit for more information.	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	See AT exhibit for more information.	N/A	N/A
<b>Sub-total</b>	<b>\$183,158.00</b>	<b>\$151,085.00</b>	<b>N/A</b>	<b>\$6,367.99</b>	<b>N/A</b>

<b>Total for all systems</b>	\$3,818,438.00	\$2,149,419.10	N/A	\$569,645.32	N/A
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## Components

Actual Information	
Description	File Name
Site Coordination Meeting	Information not provided.
RF System Test	Information not provided.
Migratory Bird Assessment and Permitting	Information not provided.
RF Exposure Measurements	Information not provided.
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.
ASR modification (prepare FCC Form 854)	Information not provided.
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
NEPA Section 106 environmental review, 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.

<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>
<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<p><b>Component Description:</b> Invoice for WXPX's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached.</p> <p><b>Amount:</b> \$4,742.99</p> <p><b>Component Description:</b> Invoice for station's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff and has provided corrected supporting documentation.</p> <p><b>Amount:</b> \$4,837.97</p>
<p>Prepare request for Special Temporary Authorization</p>	<p>Information not provided.</p>
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>

<p>Prepare engineering section of FCC Form 2100 (main), Construction Permit Application</p>	<p><b>Component Description:</b></p>	<p>Cost of RF consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid.</p>
	<p><b>Amount:</b></p>	<p>\$1,500.00</p>
<p>Perform engineering study for new channel assignment and antenna development</p>	<p><b>Component Description:</b></p>	<p>Cost of RF consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p>
	<p><b>Amount:</b></p>	<p>\$62.50</p>
	<p><b>Component Description:</b></p>	<p>Cost of RF consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p>
	<p><b>Amount:</b></p>	<p>\$62.50</p>
<p>Project management of the transition</p>	<p>Information not provided.</p>	
<p>Prepare and or review reimbursement form</p>	<p>Information not provided.</p>	

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Address transition timing  
and coordination issues w/  
other stations and wireless

Information not provided.

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**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>\$90,940.00</b>	<b>\$84,335.00</b>		<b>\$0.00</b>	
Obtain building permits from local zoning authorities	<i>\$750.00</i>	\$750.00	See AT exhibit for more information.	N/A	N/A
MVPD Notification of Channel Change	<i>\$2,000.00</i>	\$2,000.00	N/A	N/A	N/A
Develop and air announcement of upcoming channel change	<i>\$0.00</i>	\$0.00	The amount is yet to be determined (TBD) and ION will submit on-air announcement costs when finalized.	N/A	N/A
Equipment Storage	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$5,000.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A

FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Local Zoning	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$90,940.00	\$84,335.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$3,818,438.00	\$2,149,419.10	N/A	\$569,645.32	N/A

### Components

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>	\$3,818,438.00	\$2,149,419.10	\$569,645.32

**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>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>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.

**Mario Vasquez**  
*Vice President - Finance, Operations*

08/01/2019

Certification	Section	Question	Response
	<b>Submission of Actual Cost Documentation Statements</b>	<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.

**Mario Vasquez**  
*Vice President - Finance, Operations*

08/01/2019

## Attachments