



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **20590** | Service: **DTV** | Call **WRPX-TV** | Channel: **32 (UHF)** |  
ID: | Sign:  
File **0000028673**  
Number:  
FRN: **0001808468** | Date **09/22**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ION TELEVISION LICENSE, LLC	601 CLEARWATER PARK ROAD	+1 (561) 682-4110	BIANCAFRYE@IONMEDIA.COM	Corporation
Doing Business As: ION TELEVISION LICENSE, LLC	WEST PALM BEACH, FL 33401			
	United States			

## 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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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	Relocate from ASR #1002781 to ASR #1004438. Replace non-retunable transmitter, install side mount antenna and transmission line to operate on post-repack channel.

## Transmitters

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<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	Ultimate
	Year	2002
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	10 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	HPTV-PRLX-U10
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	16.2 kW
	Justification for New Transmitter	See attached Ultimate and Optimum Transmitter Exhibit.

**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)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A

	Other Electrical Service	Yes
	Description	Electrical Installation for replacement transmitter
<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?	No
	Size	N/A
<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**

Name	Description
<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
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?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	180.0 kW

Manufacturer	
Model	TFU- 18DSC-R S190
Year	2002



Primary  
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	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) .....	190.0 kW
	Manufacturer	

Model	TFU-16DSC /VP-R C170
Year	2019
Justification for New Antenna	See attached Dielectric Quote #DMS040-2

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	Do you need a Combiner for a Shared Antenna?	No
	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?	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

Primary Antenna	Other Antenna Cost Not Listed Information not provided.
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**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	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1285 feet per run

Primary  
Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	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	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1280 feet per run
	Justification for New Transmission Line	See attached Antenna Exhibit

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sweep existing transmission line	Sweep existing transmission 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**

**Add 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?	No
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1004438
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	35° 49' 52.8" N-
	Longitude (NAD83)	078° 08' 42.8" W-
	Overall Structure Height	1961.92 feet
	Support Structure Height	1959.95 feet
	Ground Elevation Above Mean Sea Level (AMSL)	239.83 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	Vertical Bridge CC FM, LLC
Date Constructed	08/18/2001

### Primary Tower

#### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

### Primary Tower

#### Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

### Primary Tower

#### Other Tower Expenses Not Listed

Name	Description
Structural analysis	Structural analysis



**Primary  
Tower****Existing Tower**

Section	Question	Response
<b>Existing Tower Description</b>	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	
	Is this tower currently shared with any other stations?	No
	One or more FM, AM or TV radio broadcaster(s)	N/A
	Others Types of Users	N/A
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	No
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	Yes
	ASR Number	1002781
<b>Coordinates (NAD83 (North American Datum of 1983))</b>	Latitude (NAD83)	36° 06' 11.5" N-
	Longitude (NAD83)	078° 11' 27.6" W-
	Overall Structure Height	1223.08 feet
	Support Structure Height	1220.13 feet
	Ground Elevation Above Mean Sea Level (AMSL)	325.78 feet
	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.

	Date Constructed	07/26/1996
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**Primary  
Tower**

**Tower Rigging Costs**

Section	Question	Response
Tower Rigging Costs	Complex Tower	Other
Helicopter Services Required	Are helicopter services required?	No

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Information not provided.

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	Yes
	Number of Hours	180
	Explanation	Required by tower landlord
<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	Yes
	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

**Outside Professional Services Costs**      **Other Professional Services Expenses Not Listed**

Services provided.

## Other Expenses

Section	Question	Response
<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	No
	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

<b>Other Expenses</b>	<b>Other Expenses Not Listed</b>
	Information not provided.

## Cost Information

### Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
<b>Primary Transmitter HPTV-PRLX-U10</b>	<b>\$846,221.06</b>	<b>\$576,281.06</b>		<b>\$542,926.31</b>	
RF Interconnect	<i>\$25,000.00</i>	\$25,000.00	N/A	\$16,645.25	N/A
Removal of Existing Equipment	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
5 Ton system	\$20,250.00	\$29,283.00	See attached Dozier LLC Quote WRPX. And King's Mechanical dated 6/18/19 and 1/3/20	\$29,283.00	N/A
Other Electrical Service: Electrical Installation for replacement transmitter	<i>\$91,971.06</i>	\$91,971.06	Please see attached quote #4817 from Dish Technologies and Dish Technologies Quote 4835	\$91,971.06	N/A
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$405,027.00	See attached Hitachi Comark Quote #P3467PRLXU10-011818-R1	\$405,027.00	N/A
<b>Sub-total</b>	<b>\$846,221.06</b>	<b>\$576,281.06</b>	<b>N/A</b>	<b>\$542,926.31</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$2,548,851.93</b>	<b>\$1,868,551.13</b>	<b>N/A</b>	<b>\$1,455,453.73</b>	<b>N/A</b>

### Components

Actual Information	
Description	File Name
RF Interconnect	<div><div>Component Description:</div><div>20% "due upon proof of performance" for interconnect components. Supporting documentation is attached. This invoice has been paid.</div></div>
	<div><div>Amount:</div><div>\$3,039.80</div></div>
	<div><div>Component Description:</div><div>Cost to run 6" RF line and RF coupler. Supporting documentation and explanation of variance attached. This invoice has been paid.</div></div>
	<div><div>Amount:</div><div>\$1,446.25</div></div>
	<div><div>Component Description:</div><div>30% "deposit due with order" and 50% "due within 60 days of order" for interconnect components. Supporting documentation is attached. This invoice has been paid.</div></div>
	<div><div>Amount:</div><div>\$12,159.20</div></div>
Removal of Existing Equipment	Information not provided.



5 Ton system

**Component Description:** Additional HVAC for transmitter room. Supporting documentation is attached. This invoice has been paid.

**Amount:** \$10,487.00

**Component Description:** Cost of electrical work for new HVAC units. Supporting documentation is attached. This invoice has been paid.

**Amount:** \$3,000.00

**Component Description:** Progress payment to install (2) Mitsubishi P-Series 3 ton high wall ductless mini split air handlers and components. Supporting documentation is attached.

**Amount:** \$15,796.00

Other Electrical Service:  
Electrical Installation for  
replacement transmitter

**Component Description:**

Cost of additional  
electrical work  
needed for  
transmitter  
installation.  
Supporting  
documentation and  
explanation of  
variance is  
attached. This  
invoice has been  
paid.

**Amount:**

\$8,319.06

**Component Description:**

Cost of electrical  
work for transmitter  
installation.  
Supporting  
documentation is  
attached. This  
invoice has been  
paid.

**Amount:**

\$83,652.00

UHF - Liquid Cooled Solid  
State Transmitter 14.2 - 20  
kW

**Component Description:** 30% "deposit"  
payment for  
Comark  
Transmitter.  
Supporting  
documentation  
attached.

**Amount:** \$121,508.10

**Component Description:** 50% "progress"  
payment on  
Comark  
transmitter.  
Supporting  
documentation  
attached.

**Amount:** \$202,513.50

**Component Description:** 20% "due upon  
proof of  
performance"  
payment for  
Comark  
transmitter.  
Supporting  
documentation is  
attached.

**Amount:** \$81,005.40

## 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 TFU-16DSC /VP-R C170</b>	<b>\$122,130.00</b>	<b>\$152,797.00</b>		<b>\$152,797.00</b>	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,298.00	N/A	\$10,298.00	N/A
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	\$103,100.00	\$136,099.00	Cost of Primary Side Mount Antenna (\$119,674) and Mounting Bracket (\$16,425) Cost of Vertical Component (\$15,900) is not included in cost estimate. Please see Dielectric Quote #DMS040-2.	\$136,099.00	N/A

Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
<b>Sub-total</b>	\$122,130.00	\$152,797.00	N/A	\$152,797.00	N/A
<b>Total for all systems</b>	\$2,548,851.93	\$1,868,551.13	N/A	\$1,455,453.73	N/A

### Components

Actual Information	
Description	File Name

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<div> <div>Component Description:</div> <div>10% "after repack sweep" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$1,029.80</div> </div>
	<div> <div>Component Description:</div> <div>25% "deposit" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$2,574.50</div> </div>
	<div> <div>Component Description:</div> <div>65% "prior to ship" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$6,693.70</div> </div>
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	

<b>Component Description:</b>	25% "deposit" for primary antenna mounts. Explanation of Variance and supporting documentation attached. This invoice has been paid.
<b>Amount:</b>	\$4,106.25

<b>Component Description:</b>	25% "deposit" for primary antenna. Explanation of Variance and supporting documentation attached. This invoice has been paid.
<b>Amount:</b>	\$29,918.50

<b>Component Description:</b>	10% "after repack sweep" for primary antenna mounts. Explanation of Variance and supporting documentation attached. This invoice has been paid.
<b>Amount:</b>	\$1,642.50

<b>Component Description:</b>	65% "prior to ship" for primary antenna. Explanation of Variance and supporting documentation attached. This invoice has been paid.
<b>Amount:</b>	\$77,788.10

<b>Component Description:</b>	65% "prior to ship" for primary antenna mounts. Explanation of Variance and supporting documentation attached. This invoice has been paid.
<b>Amount:</b>	\$10,676.25

<b>Component Description:</b>	10% "after repack sweep" for primary antenna. Explanation of Variance and supporting documentation attached. This invoice has been paid.
<b>Amount:</b>	\$11,967.40



Sweep test of existing antenna

**Component Description:**

65% "prior to ship" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached. This invoice has been paid.

**Amount:**

\$4,160.00

**Component Description:**

25% "deposit" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached. This invoice has been paid.

**Amount:**

\$1,600.00

**Component Description:**

10% "after repack sweep" payment for repack sweep of primary antenna operations. Supporting documentation attached.

**Amount:**

\$640.00

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	\$264,960.00	\$248,842.20		\$242,442.19	
Rigid Transmission Line - copper, 6 1/8"	\$258,560.00	\$242,442.20	N/A	\$242,442.19	N/A
Sweep existing transmission line	\$6,400.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$264,960.00	\$248,842.20	N/A	\$242,442.19	N/A
Total for all systems	\$2,548,851.93	\$1,868,551.13	N/A	\$1,455,453.73	N/A

Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 6 1/8"	<div><div>Component Description:</div><div>10% "after repack sweep" for primary transmission line. Explanation of variance and supporting documentation is attached. This invoice has been paid.</div><div>Amount:</div><div>\$23,728.67</div></div>

<b>Component Description:</b>	10% "after repack sweep" for transmission line cut piece. Explanation of variance and supporting documentation is attached.
<b>Amount:</b>	\$171.84

<b>Component Description:</b>	10% "after repack sweep" for transmission line cut piece. Explanation of variance and supporting documentation is attached.
<b>Amount:</b>	\$171.85

<b>Component Description:</b>	25% "deposit" for primary transmission line. Supporting documentation attached. / 25% "deposit" for primary transmission lines additional cut pieces. Supporting documentation attached. This invoice has been paid.
<b>Amount:</b>	\$60,610.55

	<div data-bbox="710 159 1369 589"> <p><b>Component Description:</b> 10% "after repack sweep" payment for primary transmission lines additional cut pieces. Supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b> \$171.85</p> </div> <div data-bbox="710 696 1369 1328"> <p><b>Component Description:</b> 65% "prior to ship" for primary transmission line. Supporting documentation attached. / 65% "prior to ship" for primary transmission lines additional cut pieces. Supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b> \$157,587.43</p> </div>
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
Primary Tower GTOWER	\$386,100.00	\$459,125.00		\$354,425.00	
Structural engineering tower load study for well documented tower	\$12,600.00	\$5,000.00	N/A	\$2,800.00	N/A
Structural analysis	<i>\$5,000.00</i>	\$5,000.00	N/A	\$2,500.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$100,000.00	N/A	N/A	N/A
Tall Tower (greater than 500')	\$210,500.00	\$349,125.00	Cost for tower services. Includes sales tax. Excludes \$20,000 deposit to Worldwide (cost and reimbursement is on the other tower). Please see Worldwide Communications Quote #S-19- 948 and Worldwide Communications Invoice #2331 and #2334 (weather delays)	\$349,125.00	N/A
Primary Tower GTOWER	\$631,500.00	\$160,000.00		\$125,000.00	

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$140,000.00	Please see attached WRPX antenna removal Worldwide quote S-20-1022	\$105,000.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$20,000.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***See AT Exhibits for more information.	\$20,000.00	N/A
<b>Sub-total</b>	\$1,017,600.00	\$619,125.00	N/A	\$479,425.00	N/A
<b>Total for all systems</b>	\$2,548,851.93	\$1,868,551.13	N/A	\$1,455,453.73	N/A

## Components

Actual Information	
Description	File Name
Structural engineering tower load study for well documented tower	<p><b>Component Description:</b> Cost to review rigging plan. Supporting documentation is attached.</p> <p><b>Amount:</b> \$2,800.00</p>

Structural analysis	<div> <div> <b>Component Description:</b> </div> <div> Cost for structural analysis.  Supporting documentation is attached. This invoice has been paid. </div> </div> <div> <b>Amount:</b> </div> <div> \$2,500.00 </div>
Minor tower reinforcement /modifications	Information not provided.

Tall Tower (greater than 500')

**Component Description:**

Cost for 2 weather delay days for five men for tower crew. Supporting documentation is attached.

**Amount:**

\$6,500.00

**Component Description:**

Balance due for tower services. Supporting documentation is attached.

**Amount:**

\$77,500.00

**Component Description:**

75% "deposit" for tower services. Supporting documentation is attached. This invoice has been paid.

**Amount:**

\$232,500.00

**Component Description:**

Cost for 4 weather delay days for tower crew. Supporting documentation is attached.

**Amount:**

\$11,700.00

**Component Description:**

Sales tax payment for tower services. Supporting documentation is attached. This invoice has been paid.

**Amount:**

\$20,925.00



<p>Complex Tower (includes, for example, those with candelabras and/or stacked antennas)</p>	<table> <tr> <td data-bbox="710 174 1013 212"><b>Component Description:</b></td><td data-bbox="1149 174 1380 566"> <p>75% "deposit" payment for removal of old antenna and transmission line. Supporting documentation and explanation of variance are attached.</p> </td></tr> <tr> <td data-bbox="710 577 821 616"><b>Amount:</b></td><td data-bbox="1149 577 1300 616">\$105,000.00</td></tr> </table>	<b>Component Description:</b>	<p>75% "deposit" payment for removal of old antenna and transmission line. Supporting documentation and explanation of variance are attached.</p>	<b>Amount:</b>	\$105,000.00
<b>Component Description:</b>	<p>75% "deposit" payment for removal of old antenna and transmission line. Supporting documentation and explanation of variance are attached.</p>				
<b>Amount:</b>	\$105,000.00				
<p>Tall Tower (greater than 500')</p>	<table> <tr> <td data-bbox="710 752 1013 790"><b>Component Description:</b></td><td data-bbox="1149 752 1380 1379"> <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> </td></tr> <tr> <td data-bbox="710 1391 821 1429"><b>Amount:</b></td><td data-bbox="1149 1391 1284 1429">\$20,000.00</td></tr> </table>	<b>Component Description:</b>	<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>	<b>Amount:</b>	\$20,000.00
<b>Component Description:</b>	<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>				
<b>Amount:</b>	\$20,000.00				

Cost  
Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$189,650.00	\$171,280.00		\$6,367.99	
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	\$2,000.00	N/A	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	\$1,562.50	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$62.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Project management of the transition	\$28,440.00	\$18,530.00	See AT Exhibits for more information.	N/A	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$189,650.00	\$171,280.00	N/A	\$6,367.99	N/A
<b>Total for all systems</b>	\$2,548,851.93	\$1,868,551.13	N/A	\$1,455,453.73	N/A

## Components

**Actual Information**  
**Description**

**File Name**

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.
Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.

<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="710 168 1013 212"><b>Component Description:</b></td><td data-bbox="1149 168 1380 683"> <p>Invoice for WRPX'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> </td></tr> <tr> <td data-bbox="710 694 821 739"><b>Amount:</b></td><td data-bbox="1149 694 1268 739">\$4,742.99</td></tr> <tr> <td data-bbox="710 828 1013 873"><b>Component Description:</b></td><td data-bbox="1149 828 1380 1377"> <p>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> </td></tr> <tr> <td data-bbox="710 1388 821 1433"><b>Amount:</b></td><td data-bbox="1149 1388 1268 1433">\$4,837.97</td></tr> </table>	<b>Component Description:</b>	<p>Invoice for WRPX'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>	<b>Amount:</b>	\$4,742.99	<b>Component Description:</b>	<p>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>	<b>Amount:</b>	\$4,837.97
<b>Component Description:</b>	<p>Invoice for WRPX'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>								
<b>Amount:</b>	\$4,742.99								
<b>Component Description:</b>	<p>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>								
<b>Amount:</b>	\$4,837.97								
<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>								

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<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>\$1,562.50</p>
Perform engineering study for new channel assignment and antenna development	<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>
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Prepare and or review reimbursement form	Information not provided.
Project management of the transition	Information not provided.
RF Exposure Measurements	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>\$108,290.87</b>	<b>\$100,225.87</b>		<b>\$31,495.24</b>	
MVPD Notification of Channel Change	<i>\$1,400.00</i>	\$1,400.00	N/A	\$1,400.00	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	\$2,915.64	N/A
Equipment Delivery and Handling Charges	<i>\$29,810.87</i>	\$29,810.87	What ION has been charged by vendors to ship equipment needed for repack	\$23,679.60	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
Non-zoning permits	<i>\$15,000.00</i>	\$15,000.00	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
Local Zoning	<b>\$25,000.00</b>	\$25,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,500.00	N/A	\$3,500.00	N/A
<b>Sub-total</b>	\$108,290.87	\$100,225.87	N/A	\$31,495.24	N/A
<b>Total for all systems</b>	\$2,548,851.93	\$1,868,551.13	N/A	\$1,455,453.73	N/A

## Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	<p><b>Component Description:</b> Cost of MVPD notifications of channel change through Widelity Inc. Supporting documentation attached.</p> <p><b>Amount:</b> \$1,400.00</p>
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	

<b>Component Description:</b>	Cost for storage container for transmitter and antenna parts. Supporting documentation is attached. This invoice has been paid.
<b>Amount:</b>	\$673.82

<b>Component Description:</b>	Cost for storage container for transmitter and antenna parts. Supporting documentation is attached.
<b>Amount:</b>	\$169.96

<b>Component Description:</b>	Cost for storage container for transmitter and antenna parts. Supporting documentation is attached.
<b>Amount:</b>	\$673.82

<b>Component Description:</b>	Cost for storage container for transmitter and antenna parts. Supporting documentation is attached.
<b>Amount:</b>	\$614.04

	<b>Component Description:</b>	Cost for storage container for transmitter and antenna parts. Supporting documentation is attached.
	<b>Amount:</b>	\$614.04
	<b>Component Description:</b>	Cost for storage container for transmitter and antenna parts. Supporting documentation is attached.
	<b>Amount:</b>	\$169.96
Equipment Delivery and Handling Charges	<b>Component Description:</b>	Cost of freight for main antenna package components. Supporting documentation is attached. This invoice has been paid.
	<b>Amount:</b>	\$10,592.40
	<b>Component Description:</b>	Cost of freight for main transmitter package. Supporting documentation is attached. This invoice has been paid.
	<b>Amount:</b>	\$13,087.20

	<p><b>Component Description:</b></p> <p>Cost of freight for main antenna package components. Supporting documentation is attached.</p> <p><b>Amount:</b></p> <p>\$869.33</p>
	<p><b>Component Description:</b></p> <p>Cost of freight for main antenna package components. Supporting documentation is attached.</p> <p><b>Amount:</b></p> <p>\$3,526.38</p>
	<p><b>Component Description:</b></p> <p>Cost of freight for main antenna package components. Supporting documentation is attached.</p> <p><b>Amount:</b></p> <p>\$1,735.56</p>
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.

DTV Medical Facility Notification	<table><tr><td data-bbox="694 91 1109 627"><b>Component Description:</b></td><td data-bbox="1109 91 1431 627">Cost of medical notifications regarding channel change. Supporting documentation is attached. This invoice has been paid.</td></tr><tr><td data-bbox="694 515 1109 627"><b>Amount:</b></td><td data-bbox="1109 515 1431 627">\$3,500.00</td></tr></table>	<b>Component Description:</b>	Cost of medical notifications regarding channel change. Supporting documentation is attached. This invoice has been paid.	<b>Amount:</b>	\$3,500.00
<b>Component Description:</b>	Cost of medical notifications regarding channel change. Supporting documentation is attached. This invoice has been paid.				
<b>Amount:</b>	\$3,500.00				

<b>Cost Information</b>	<b>Grand Total</b>		
		<b>Predetermined Cost Estimate</b>	<b>Estimated Cost</b>
			<b>Actual Cost</b>
	<b>Total for all systems</b>	\$2,548,851.93	\$1,868,551.13
			\$1,455,453.73

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<p>WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.</p>	
		<ol style="list-style-type: none"> <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.



<p>8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Mario Vasquez</b>  <i>Vice President - Finance, Operations</i></p> <p>09/22/2020</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a) (1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> <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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p><b>Mario Vasquez</b>  <i>Vice President - Finance, Operations</i></p> <p>09/22/2020</p>

## Attachments