



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **73189** | Service: **DTV** | Call **WLPX-TV** | Channel: **18 (UHF)** |  
ID:  
File **0000028315**  
Number:  
FRN: **0001808468** | Date **02/26**  
Submitted: **/2020**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ION MEDIA CHARLESTON LICENSE, INC. Doing Business As: ION MEDIA CHARLESTON LICENSE, INC.	Bianca Frye 601 Clearwater Park Road West Palm Beach, FL 33401 United States	+1 (561) 682- 4110	BiancaFrye@ionmedia. com	Corporation

## 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
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 #1050615 to ASR #1234025. Install interim antenna to make repack deadline. Replace non-retunable transmitter, install side mount antenna and transmission line to operate on post-repack channel.

**Transmitters**

Section	Question	Response
Transmitter Related Expenses	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	Millennium
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Two
	Power Capacity	40 kW

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	THU9-20 EVO
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	31 kW
	Justification for New Transmitter	See attached Transmitter Exhibits. See attached Transmitter Upgrade Disclaimer.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	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	Yes
	Description	Additional electric work needed for transmitter installation
<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>RF Interconnect</b>	Interconnect between RF System and transmission line
<b>Removal of Existing Equipment</b>	Removal of existing transmitters and equipment / Site Prep

**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) .....	1000.0 kW

Manufacturer	
Model	TFU- 24DSC-R C170
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) .....	765.0 kW
	Manufacturer	

Model	ATW26H3-ESC170-18H
Year	2019
Justification for New Antenna	See attached Antenna Exhibit

## 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?	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 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	1000 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?	Yes
	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	1000 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?	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?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	38° 30' 21.1" N-
	Longitude (NAD83)	082° 12' 32.3" W-
	Overall Structure Height	1159.11 feet
	Support Structure Height	1154.84 feet
	Ground Elevation Above Mean Sea Level (AMSL)	971.77 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Nexstar Broadcasting, Inc.
Date Constructed	07/07/2015

**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
23342	WOWK-TV	DTV
65130	WQCW	DTV

## Primary Tower

### Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	No study needed
Tower Reinforcements	Please select whether tower reinforcements are needed:	No 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?	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?	Unknown
	Is tower compliant with Rev G?	No
<b>Existing Tower Structure Registration</b>	Do you have a tower registration number?	Yes
	ASR Number	1050615
<b>Coordinates (NAD83 (North American Datum of 1983))</b>	Latitude (NAD83)	38° 28' 11.8" N-
	Longitude (NAD83)	081° 46' 35.2" W-
	Overall Structure Height	982.93 feet
	Support Structure Height	912.72 feet
	Ground Elevation Above Mean Sea Level (AMSL)	1001.96 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.
	Date Constructed	02/21/2008

**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 Study	Structural Studies and Engineering Review

**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 THU9-20 EVO</b>	<b>\$1,107,960.00</b>	<b>\$952,050.00</b>		<b>\$919,508.12</b>	
RF Interconnect	<i>\$25,000.00</i>	\$25,000.00	N/A	\$13,483.00	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	N/A	N/A
Other Electrical Service: Additional electric work needed for transmitter installation	<i>\$51,410.00</i>	\$51,410.00	Please see IDS LLC Quote ION Media inside work plus applicable sales tax	\$51,410.00	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$33,225.12	N/A
Removal of Existing Equipment	<i>\$27,500.00</i>	\$27,500.00	Please see Skyline Communications Quote EST21272	\$27,500.00	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$793,890.00	Please see attached Rohde & Schwarz quote #114344.0	\$793,890.00	N/A
<b>Sub-total</b>	<b>\$1,107,960.00</b>	<b>\$952,050.00</b>	<b>N/A</b>	<b>\$919,508.12</b>	<b>N/A</b>
<b>Total for all systems</b>	<b>\$2,218,358.50</b>	<b>\$2,028,115.20</b>	<b>N/A</b>	<b>\$1,636,267.79</b>	<b>N/A</b>



## Components

Actual Information Description	File Name
RF Interconnect	<div> <b>Component Description:</b> <p>Cost of additional equipment needed for transmitter installation. Supporting documentation is attached. This invoice has been paid.</p> </div> <div> <b>Amount:</b> <p>\$13,483.00</p> </div>
5 Ton system	Information not provided.
Other Electrical Service: Additional electric work needed for transmitter installation	<div> <b>Component Description:</b> <p>Cost of electrical work needed for installation of main transmitter. Supporting documentation is attached. This invoice has been paid.</p> </div> <div> <b>Amount:</b> <p>\$51,410.00</p> </div>
Transformer 3 phase/480v - 300 KVA	<div> <b>Component Description:</b> <p>Cost to install electric equipment for main transmitter. Supporting documentation is attached.</p> </div> <div> <b>Amount:</b> <p>\$33,225.12</p> </div>

Removal of Existing Equipment	<b>Component Description:</b>  <b>Amount:</b>	Cost for removal of old transmitter equipment. Supporting documentation is attached. This invoice has been paid. \$27,500.00
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UHF - Liquid Cooled Solid  
State Transmitter 21 - 31  
kW

**Component Description:**

2nd "milestone"  
(30%) payment for  
Rohde & Schwarz  
transmitter.  
Supporting  
documentation is  
attached. This  
invoice has been  
paid.

**Amount:**

\$238,167.00

**Component Description:**

3rd "milestone"  
(35%) payment for  
Rohde & Schwarz  
transmitter.  
Supporting  
documentation is  
attached. This  
invoice has been  
paid.

**Amount:**

\$277,861.50

**Component Description:**

35% "payment  
upon proof of  
performance" for  
transmitter and  
accessories.  
Supporting  
documentation is  
attached.

**Amount:**

\$276,861.50

**Component Description:**

\$1,000 deposit  
payment for Rohde  
& Schwarz  
transmitter.  
Supporting  
documentation is  
attached. This  
invoice has been  
paid.

**Amount:**

\$1,000.00

**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 ATW26H3- ESC170- 18H</b>	<b>\$175,468.50</b>	<b>\$175,867.85</b>		<b>\$158,281.07</b>	
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$10,860.00	Cost of antenna side mount brackets. Please see attached Electronics Research, Inc. Quote #20180821- 040 Rev A.	\$9,774.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 765 kW input, directional,, elliptically or circularly polarized	<b><i>\$133,288.50</i></b>	\$133,288.50	Cost of primary side mount antenna. Estimate does not include elliptical polarization upgrade. Please see attached Electronics Research, Inc. Quote #20180821- 040 Rev A.	\$119,959.66	N/A

Sweep test of existing antenna	\$6,730.00	\$21,000.00	Cost of repack sweep of primary operations. Please see attached Electronics Research, Inc. Quote #20180821-040 Rev A.	\$18,900.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,719.35	Cost of primary elbow complex. Please see attached Electronics Research, Inc. Quote #20180821-040 Rev A.	\$9,647.41	N/A
<b>Sub-total</b>	\$175,468.50	\$175,867.85	N/A	\$158,281.07	N/A
<b>Total for all systems</b>	\$2,218,358.50	\$2,028,115.20	N/A	\$1,636,267.79	N/A

## Components

**Actual Information**  
**Description**

**File Name**

Side mount brackets for high power antennas (if not included in antenna base cost)	<b>Component Description:</b>	15% "payment with order" for antenna side mount brackets. Explanation of variance and supporting documentation is attached.
	<b>Amount:</b>	\$1,629.00
	<b>Component Description:</b>	35% "upon mfg" payment for antenna side mount brackets. Explanation of variance and supporting documentation is attached.
	<b>Amount:</b>	\$3,801.00
	<b>Component Description:</b>	40% "invoiced prior to shipment" payment for antenna side mount brackets. Explanation of variance and supporting documentation is attached. This invoice has been paid.
	<b>Amount:</b>	\$4,344.00

UHF - High Power, Side Mount, basic slot antenna, 765 kW input, directional,, elliptically or circularly polarized

**Component Description:**

35% "upon mfg" payment for primary antenna. Explanation of variance and supporting documentation is attached.

**Amount:**

\$46,650.98

**Component Description:**

40% "invoiced prior to shipment" payment for primary antenna. Explanation of variance and supporting documentation is attached. This invoice has been paid.

**Amount:**

\$53,315.40

**Component Description:**

15% "payment with order" for primary antenna. Explanation of variance and supporting documentation is attached.

**Amount:**

\$19,993.28

Sweep test of existing antenna

**Component Description:**

15% "payment with order" for repack sweep of primary antenna operations. Explanation of variance and supporting documentation is attached.

**Amount:**

\$3,150.00

**Component Description:**

35% "upon mfg" payment for repack sweep of primary antenna operations. Explanation of variance and supporting documentation is attached.

**Amount:**

\$7,350.00

**Component Description:**

40% "invoiced prior to shipment" payment for repack sweep of primary antenna operations. Explanation of variance and supporting documentation is attached. This invoice has been paid.

**Amount:**

\$8,400.00



Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	<b>Component Description:</b>	15% "payment with order" for primary elbow complex. Explanation of variance and supporting documentation is attached.
	<b>Amount:</b>	\$1,607.90
	<b>Component Description:</b>	35% "upon mfg" payment for primary elbow complex. Explanation of variance and supporting documentation is attached.
	<b>Amount:</b>	\$3,751.77
	<b>Component Description:</b>	40% "invoiced prior to shipment" payment for primary elbow complex. Explanation of variance and supporting documentation is attached. This invoice has been paid.
	<b>Amount:</b>	\$4,287.74

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	\$208,400.00	\$128,792.35		\$110,153.11	
Sweep existing transmission line	<i>\$6,400.00</i>	\$6,400.00	N/A	N/A	N/A
Rigid Transmission Line - copper, 6 1/8"	\$202,000.00	\$122,392.35	Cost of primary transmission line. Please see attached Electronics Research, Inc. Quote #20180821-040 Rev A.	\$110,153.11	N/A
Sub-total	\$208,400.00	\$128,792.35	N/A	\$110,153.11	N/A
Total for all systems	\$2,218,358.50	\$2,028,115.20	N/A	\$1,636,267.79	N/A

Components

Actual Information Description	File Name
Sweep existing transmission line	Information not provided.

Rigid Transmission Line -  
copper, 6 1/8"

**Component Description:**

35% "upon mfg"  
payment for  
primary  
transmission line.  
Explanation of  
variance and  
supporting  
documentation is  
attached.

**Amount:**

\$42,837.32

**Component Description:**

40% "invoiced prior  
to shipment"  
payment for  
primary  
transmission line.  
Explanation of  
variance and  
supporting  
documentation is  
attached. This  
invoice has been  
paid.

**Amount:**

\$48,956.94

**Component Description:**

15% "payment with  
order" for primary  
transmission line.  
Explanation of  
variance and  
supporting  
documentation is  
attached.

**Amount:**

\$18,358.85

## 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 TOWER</b>	<b>\$231,500.00</b>	<b>\$183,710.00</b>		<b>\$143,032.50</b>	
Structural analysis	<i>\$21,000.00</i>	\$21,000.00	Cost for site visit (tower mapping), structural analysis, and structural re-analysis. Please see attached Elevated Structural Consultants Quote #1158 and Elevated Structural Consultants Quote dated 5-2-2019.	\$21,000.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$162,710.00	Cost for tower services. Please see attached Worldwide Communications Quote #S-18-927. Estimate includes estimated tax (\$9,210.00).	\$122,032.50	N/A
<b>Primary Tower TOWER</b>	<b>\$217,500.00</b>	<b>\$338,100.00</b>		<b>\$294,325.00</b>	

Structural Study	<b>\$7,000.00</b>	\$7,000.00	Please see American Tower Quote #310926_POR and Elevated Structural Quote WLPX Charleston	\$7,000.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$331,100.00	Please see attached Worldwide Communications Quote S-19-973 WLPX.	\$287,325.00	N/A
<b>Sub-total</b>	\$449,000.00	\$521,810.00	N/A	\$437,357.50	N/A
<b>Total for all systems</b>	\$2,218,358.50	\$2,028,115.20	N/A	\$1,636,267.79	N/A

## Components

Actual Information	
Description	File Name

Structural analysis	<div data-bbox="710 174 1353 488"> <p><b>Component Description:</b> Cost for tower analysis. Supporting documentation is attached. This invoice has been paid.</p> <p><b>Amount:</b> \$7,000.00</p> </div> <div data-bbox="710 593 1353 907"> <p><b>Component Description:</b> Cost for site visit (tower mapping). Supporting documentation is attached. This invoice has been paid.</p> <p><b>Amount:</b> \$10,000.00</p> </div> <div data-bbox="710 1012 1353 1243"> <p><b>Component Description:</b> Cost for structural re-analysis. Supporting documentation is attached.</p> <p><b>Amount:</b> \$4,000.00</p> </div>
Tall Tower (greater than 500')	<div data-bbox="710 1384 1353 1615"> <p><b>Component Description:</b> 75% "deposit" for tower services. Supporting documentation is attached.</p> <p><b>Amount:</b> \$122,032.50</p> </div>

Structural Study	<div data-bbox="710 174 1356 526"> <p><b>Component Description:</b> Cost of structural study required by landlord. Supporting documentation is attached. This invoice has been paid.</p> <p><b>Amount:</b> \$4,000.00</p> </div> <div data-bbox="710 633 1356 985"> <p><b>Component Description:</b> Cost of engineer to review tower rigging plan. Supporting documentation is attached. This invoice has been paid.</p> <p><b>Amount:</b> \$3,000.00</p> </div>
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Tall Tower (greater than 500')

**Component Description:**

75% "deposit" to remove antenna, transmission line and additional components. Supporting documentation is attached.

**Amount:**

\$248,325.00

**Component Description:**

Cost of weather delays during tower services. Supporting documentation is attached.

**Amount:**

\$19,500.00

**Component Description:**

Cost of weather delays during tower services. Supporting documentation is attached.

**Amount:**

\$19,500.00



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		\$6,867.99	
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	Duplicate lin item. ION is only requesting reimburseme for Invoice Dated 5/1 /2018.
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$125.00	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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,000.00	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
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$189,650.00	\$171,280.00	N/A	\$6,867.99	N/A
<b>Total for all systems</b>	\$2,218,358.50	\$2,028,115.20	N/A	\$1,636,267.79	N/A

## Components

Actual Information	
Description	File Name
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.
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	<div> <div> <b>Component Description:</b> </div> <div> <p>Invoice for WLPX'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. Cover letter, hourly supporting documentation and invoice attached.</p> </div> </div> <div> <div> <b>Amount:</b> </div> <div> <p>\$4,742.99</p> </div> </div>

	<div data-bbox="710 159 1015 188" data-label="Section-Header"><b>Component Description:</b></div> <div data-bbox="1150 159 1374 665" data-label="Text"> <p>Invoice for WLPX'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> </div> <div data-bbox="710 678 818 707" data-label="Section-Header"><b>Amount:</b></div> <div data-bbox="1150 678 1267 707" data-label="Text"> <p>\$4,742.99</p> </div> <div data-bbox="710 817 1015 846" data-label="Section-Header"><b>Component Description:</b></div> <div data-bbox="1150 817 1374 1361" data-label="Text"> <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> </div> <div data-bbox="710 1375 818 1404" data-label="Section-Header"><b>Amount:</b></div> <div data-bbox="1150 1375 1267 1404" data-label="Text"> <p>\$4,837.97</p> </div>
Prepare request for Special Temporary Authorization	Information not provided.

<p>Perform engineering study for new channel assignment and antenna development</p>	<table> <tr> <td data-bbox="710 174 1013 212"><b>Component Description:</b></td><td data-bbox="1150 174 1374 645"> <p>Cost of Engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="710 656 818 689"><b>Amount:</b></td><td data-bbox="1150 656 1233 689">\$62.50</td></tr> <tr> <td data-bbox="710 790 1013 828"><b>Component Description:</b></td><td data-bbox="1150 790 1374 1261"> <p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="710 1272 818 1305"><b>Amount:</b></td><td data-bbox="1150 1272 1233 1305">\$62.50</td></tr> </table>	<b>Component Description:</b>	<p>Cost of Engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p>	<b>Amount:</b>	\$62.50	<b>Component Description:</b>	<p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p>	<b>Amount:</b>	\$62.50
<b>Component Description:</b>	<p>Cost of Engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p>								
<b>Amount:</b>	\$62.50								
<b>Component Description:</b>	<p>Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p>								
<b>Amount:</b>	\$62.50								
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>								
<p>Prepare and or review reimbursement form</p>	<p>Information not provided.</p>								
<p>Project management of the transition</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 engineering 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>\$2,000.00</p>
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.

Cost  
Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$87,880.00	\$78,315.00		\$4,100.00	
Equipment Storage	<i>\$10,000.00</i>	\$10,000.00	N/A	\$4,100.00	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
MVPD Notification of Channel Change	<i>\$800.00</i>	\$800.00	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
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
DTV Medical Facility Notification	\$11,550.00	\$2,000.00	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
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Local Zoning	<b>\$25,000.00</b>	\$25,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$87,880.00	\$78,315.00	N/A	\$4,100.00	N/A
<b>Total for all systems</b>	\$2,218,358.50	\$2,028,115.20	N/A	\$1,636,267.79	N/A

## Components

Actual Information	
Description	File Name
Equipment Storage	<p><b>Component Description:</b> Cost for equipment storage. Supporting documentation is attached.</p> <p><b>Amount:</b> \$4,100.00</p>
Develop and air announcement of upcoming channel change	Information not provided.
MVPD Notification of Channel Change	Information not provided.
Equipment Delivery and Handling Charges	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.

DTV Medical Facility Notification	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
Local Zoning	Information not provided.

<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>	\$2,218,358.50	\$2,028,115.20
			\$1,636,267.79

<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>02/26/2020</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>02/26/2020</p>

## Attachments