



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **20590** | Service: **DTV** | Call **WRPX-TV** | Channel: **32 (UHF)** |
ID:
File **0000028673**
Number:
FRN: **0001808468** | Date **10/30**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ION MEDIA RALEIGH 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
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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
Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	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
New Transmitter	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
Electrical Service	Service Entrance (3 phases 800A 208V)	No
	Switchgear (industrial 800 amp)	No
	Transformer (480V)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A

	Other Electrical Service	Yes
	Description	Electrical Installation for replacement transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

Name	Description
Removal of Existing Equipment	Removal of existing transmitters and equipment / Site Prep
RF Interconnect	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
Combiner for Shared Antenna	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
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	6 1/8 inches inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No
Sweep Test	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
Existing Transmission Line Description	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
Existing Transmission Line Manufacturer and Type	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
Existing Tower Description	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
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1002781
Coordinates (NAD83 (North American Datum of 1983))	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
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	180
	Explanation	Required by tower landlord
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	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
Attorney and Other Outside Consulting Services	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
RF Field Engineering Services	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
AM Pattern Disturbance	Is an Impact Study needed?	No
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	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
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	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
	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
Primary Transmitter HPTV-PRLX-U10	\$837,902.00	\$557,929.00		\$519,674.00	
RF Interconnect	<i>\$25,000.00</i>	\$25,000.00	N/A	\$15,199.00	N/A
Other Electrical Service: Electrical Installation for replacement transmitter	<i>\$83,652.00</i>	\$83,652.00	Please see attached quote #4817 from Dish Technologies.	\$83,652.00	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	\$19,250.00	See attached HVAC Exhibit.	\$15,796.00	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
Sub-total	\$837,902.00	\$557,929.00	N/A	\$519,674.00	N/A
Total for all systems	\$2,527,445.67	\$1,847,111.87	N/A	\$1,310,614.22	N/A

Components

Actual Information	
Description	File Name

RF Interconnect	<div data-bbox="710 174 1356 604"> <p>Component Description: 20% "due upon proof of performance" for interconnect components. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$3,039.80</p> </div> <div data-bbox="710 712 1372 1187"> <p>Component Description: 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.</p> <p>Amount: \$12,159.20</p> </div>
Other Electrical Service: Electrical Installation for replacement transmitter	<div data-bbox="710 1321 1372 1680"> <p>Component Description: Cost of electrical work for transmitter installation. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$83,652.00</p> </div>
Removal of Existing Equipment	Information not provided.

5 Ton system	<div data-bbox="710 174 1380 607"> <div> 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. </div> <div> Amount: \$15,796.00 </div> </div>
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	<div data-bbox="710 741 1353 1137"> <div> Component Description: 20% "due upon proof of performance" payment for Comark transmitter. Supporting documentation is attached. </div> <div> Amount: \$81,005.40 </div> </div>
	<div data-bbox="710 1240 1326 1556"> <div> Component Description: 30% "deposit" payment for Comark Transmitter. Supporting documentation attached. </div> <div> Amount: \$121,508.10 </div> </div>
	<div data-bbox="710 1659 1331 1975"> <div> Component Description: 50% "progress" payment on Comark transmitter. Supporting documentation attached. </div> <div> Amount: \$202,513.50 </div> </div>

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU-16DSC /VP-R C170	\$122,130.00	\$152,797.00		\$152,797.00	
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
Sub-total	\$122,130.00	\$152,797.00	N/A	\$152,797.00	N/A
Total for all systems	\$2,527,445.67	\$1,847,111.87	N/A	\$1,310,614.22	N/A

Components

Actual Information	
Description	File Name

<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="711 174 1015 208">Component Description:</td><td data-bbox="1150 174 1366 562"> <p>65% "prior to ship" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="711 573 815 607">Amount:</td><td data-bbox="1150 573 1270 607">\$6,693.70</td></tr> </table>	Component Description:	<p>65% "prior to ship" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p>	Amount:	\$6,693.70
Component Description:	<p>65% "prior to ship" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p>				
Amount:	\$6,693.70				
	<table> <tr> <td data-bbox="711 712 1015 745">Component Description:</td><td data-bbox="1150 712 1350 1099"> <p>25% "deposit" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="711 1111 815 1144">Amount:</td><td data-bbox="1150 1111 1270 1144">\$2,574.50</td></tr> </table>	Component Description:	<p>25% "deposit" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p>	Amount:	\$2,574.50
Component Description:	<p>25% "deposit" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p>				
Amount:	\$2,574.50				
	<table> <tr> <td data-bbox="711 1249 1015 1283">Component Description:</td><td data-bbox="1150 1249 1366 1637"> <p>10% "after repack sweep" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="711 1648 815 1682">Amount:</td><td data-bbox="1150 1648 1270 1682">\$1,029.80</td></tr> </table>	Component Description:	<p>10% "after repack sweep" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p>	Amount:	\$1,029.80
Component Description:	<p>10% "after repack sweep" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p>				
Amount:	\$1,029.80				
<p>UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized</p>					

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

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

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

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

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

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

Sweep test of existing antenna

Component Description:

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

Amount:

\$640.00

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

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	
Sweep existing transmission line	\$6,400.00	\$6,400.00	N/A	N/A	N/A
Rigid Transmission Line - copper, 6 1/8"	\$258,560.00	\$242,442.20	N/A	\$242,442.19	N/A
Sub-total	\$264,960.00	\$248,842.20	N/A	\$242,442.19	N/A
Total for all systems	\$2,527,445.67	\$1,847,111.87	N/A	\$1,310,614.22	N/A

Components

Actual Information	
Description	File Name
Sweep existing transmission line	Information not provided.
Rigid Transmission Line - copper, 6 1/8"	<div><div>Component Description:</div><div>10% "after repack sweep" payment for primary transmission lines additional cut pieces. Supporting documentation attached. This invoice has been paid.</div><div>Amount:</div><div>\$171.85</div></div>

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

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

Component Description:	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.
Amount:	\$60,610.55

Component Description:	10% "after repack sweep" for primary transmission line. Explanation of variance and supporting documentation is attached. This invoice has been paid.
Amount:	\$23,728.67

Component Description:	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.
Amount:	\$157,587.43

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	\$170,000.00		\$20,000.00	

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$150,000.00	N/A	N/A	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
Sub-total	\$1,017,600.00	\$629,125.00	N/A	\$374,425.00	N/A
Total for all systems	\$2,527,445.67	\$1,847,111.87	N/A	\$1,310,614.22	N/A

Components

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

Structural analysis	<div> <div>Component Description:</div> <div>Cost for structural analysis. Supporting documentation is attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$2,500.00</div> </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:

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

Amount:

\$11,700.00

Component Description:

Balance due for tower services. Supporting documentation is attached.

Amount:

\$77,500.00

Component Description:

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

Amount:

\$20,925.00

Component Description:

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

Amount:

\$232,500.00

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.	
Tall Tower (greater than 500')	<p>Component Description:</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>Amount:</p> <p>\$20,000.00</p>	

Cost
Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	\$189,650.00	\$171,280.00		\$6,367.99	
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
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
Project management of the transition	\$28,440.00	\$18,530.00	See AT Exhibits 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
Sub-total	\$189,650.00	\$171,280.00	N/A	\$6,367.99	N/A
Total for all systems	\$2,527,445.67	\$1,847,111.87	N/A	\$1,310,614.22	N/A

Components

Actual Information	
Description	File Name
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.
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	<p>Component Description: 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> <p>Amount: \$4,742.99</p>
	<p>Component Description: 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>Amount: \$4,837.97</p>
Prepare request for Special Temporary Authorization	Information not provided.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<p>Component Description:</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>Amount:</p> <p>\$1,562.50</p>
Perform engineering study for new channel assignment and antenna development	<p>Component Description:</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>Amount:</p> <p>\$62.50</p>
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Project management of the transition	Information not provided.
Prepare and or review reimbursement form	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	\$95,203.67	\$87,138.67		\$14,908.04	
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>\$16,723.67</i>	\$16,723.67	Please see attached Dielectric invoice #545013, 560026, 562024, and 563046.	\$10,592.40	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,500.00	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	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Non-zoning permits	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Sub-total	\$95,203.67	\$87,138.67	N/A	\$14,908.04	N/A
Total for all systems	\$2,527,445.67	\$1,847,111.87	N/A	\$1,310,614.22	N/A

Components

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

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

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

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

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

Component Description:	Cost for storage container for transmitter and antenna parts. Supporting documentation is attached.
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Amount:	\$169.96
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Component Description:	Cost for storage container for transmitter and antenna parts. Supporting documentation is attached.
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Amount:	\$614.04
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Equipment Delivery and Handling Charges	<div> Component Description: <p>Cost of freight for main antenna package components. Supporting documentation is attached. This invoice has been paid.</p> </div> <div> Amount: <p>\$10,592.40</p> </div>
	<div> Component Description: <p>Cost of freight for main antenna package components. Supporting documentation is attached.</p> </div> <div> Amount: <p>\$869.33</p> </div>
	<div> Component Description: <p>Cost of freight for main antenna package components. Supporting documentation is attached.</p> </div> <div> Amount: <p>\$3,526.38</p> </div>
	<div> Component Description: <p>Cost of freight for main antenna package components. Supporting documentation is attached.</p> </div> <div> Amount: <p>\$1,735.56</p> </div>
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.
Non-zoning permits	Information not provided.
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$2,527,445.67	\$1,847,111.87
			\$1,310,614.22

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

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

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

<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>Mario Vasquez <i>Vice President - Finance, Operations</i></p> <p>10/30/2019</p>

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<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"> 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. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station's facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

<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>Mario Vasquez <i>Vice President - Finance, Operations</i></p> <p>10/30/2019</p>

Attachments