



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **70251** | Service: **DTV** | Call **WPXR-TV** | Channel: **27 (UHF)** |
ID:
File **0000028649**
Number:
FRN: **0003720042** | Date **09/16**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

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

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

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

Broadcaster Information and Transition Plan

Question	Response
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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.	No
Briefly describe transition plan	Relocate from ASR #1237074 to ASR #1041624. Replace non-retunable transmitter, install top mounted 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	DCX
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	20 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-U12
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	20 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)	No
	Power	N/A
	Rigid Conduit and Wiring	No
	Size	N/A

	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical Installation of 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	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Panel
	Number of Stations Supported	1
	Number of Panels	8
	Design power capacity in use	25.0 %
	Lower Limit	542.00 MHz
	Upper Limit	620.00 MHz
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	700.0 kW

Manufacturer	
Model	TUP-SP4- 8S-1
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	Top 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)	500.0 kW
	Manufacturer	

Model	TFU-24GTH /VP-R S180
Year	2019
Justification for New Antenna	Current slot antenna cannot be re-channelled

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	4 1/16 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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**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	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 Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	25.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	240.0 kW
	Manufacturer	
	Model	TFU-WB-8
	Year	2017

	Justification for New Antenna	Interim antenna needed to complete move to new channel
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Interim Antenna

Other Antenna Costs

Section	Question	Response
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	S
	Feed Line Size	4 1/16 inches
Side Mount Brackets	Do you require the separate purchase of side mount brackets for an 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

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

Primary Transmission Line

Add 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 this transmission currently shared with any other 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	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	230 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	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	232 feet per run
	Justification for New Transmission Line	See attached Transmission Line Exhibit

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sweep existing transmission line	Sweep existing transmission line

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	Owned
	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?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	37° 11' 56.0" N-
	Longitude (NAD83)	080° 09' 00.0" W-
	Overall Structure Height	244.42 feet
	Support Structure Height	179.46 feet
	Ground Elevation Above Mean Sea Level (AMSL)	3759.80 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	ION Media Television, Inc.
	Date Constructed	10/06/1986

Primary Tower

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly 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?	No
	ASR Number	
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	37° 11' 38.0" N-
	Longitude (NAD83)	080° 09' 24.6" W-
	Overall Structure Height	200.00 feet
	Support Structure Height	200.00 feet
	Ground Elevation Above Mean Sea Level (AMSL)	3963.00 feet
	Structure Type	LTOWER - Lattice Tower
	Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.
	Date Constructed	07/02/2008

**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

Name	Description
Interim Antenna installation	Installation and removal of interim antenna after commencement of operation on new main antenna

**Outside
Professional**

Section	Question	Response
Services Costs 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.
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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-U12	\$864,875.00	\$692,434.00		\$544,308.20	
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$489,509.00	See attached Hitachi Comark Quote #P3491PRLXU12-020118-R1	\$396,727.20	N/A
Other Electrical Service: Electrical Installation of replacement transmitter	<i>\$110,625.00</i>	\$110,625.00	Please see attached Avis Construction Quote for Electrical Installation WPXR and Avis Construction Electrical Gear WPXR	\$105,281.00	N/A
5 Ton system	\$20,250.00	\$42,300.00	Please see attached Avis Construction Quote for HVAC WPXR.	\$42,300.00	N/A
RF Interconnect	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Removal of Existing Equipment	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Sub-total	\$864,875.00	\$692,434.00	N/A	\$544,308.20	N/A
Total for all systems	\$2,591,504.00	\$1,659,050.50	N/A	\$976,050.91	N/A

Components

Actual Information	
Description	File Name
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	<div> <div>Component Description:</div> <div>Cost of surge supressor for transmitter. Supporting documentation is attached.</div> </div>
	<div> <div>Amount:</div> <div>\$5,120.00</div> </div>
	<div> <div>Component Description:</div> <div>30% "deposit" payment for Comark Transmitter. Supporting documentation attached.</div> </div>
	<div> <div>Amount:</div> <div>\$146,852.70</div> </div>
	<div> <div>Component Description:</div> <div>50% "progress" payment on Comark transmitter. Supporting documentation attached.</div> </div>
	<div> <div>Amount:</div> <div>\$244,754.50</div> </div>
	<div> <div>Component Description:</div> <div>50% "progress" payment on Comark transmitter. Supporting documentation attached. This invoice has been paid.</div> </div>
	<div> <div>Amount:</div> <div>\$244,754.50</div> </div>
Other Electrical Service: Electrical Installation of replacement transmitter	

	Component Description:	Cost of electrical switchgear. Supporting documentation is attached.
	Amount:	\$3,750.00
	Component Description:	Balance due payment for electrical items to prepare for transmitter installation. Supporting documentation is attached.
	Amount:	\$71,383.00
	Component Description:	Progress payment for electrical items to prepare for transmitter installation. Supporting documentation is attached.
	Amount:	\$25,990.00
	Component Description:	Progress payment for electrical items to prepare for transmitter installation. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$4,158.00
5 Ton system		

	Component Description:	Balance due payment for HVAC installation. Supporting documentation is attached.
	Amount:	\$21,150.00
	Component Description:	50% payment for HVAC installation. Supporting documentation is attached.
	Amount:	\$21,150.00
RF Interconnect	Information not provided.	
Removal of Existing Equipment	Information not provided.	

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-WB-8	\$205,800.00	\$83,593.00		\$0.00	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	\$189,500.00	\$70,000.00	The estimated cost has been re-entered due to a technical error with the LMS form. Per FCC procedure, we have re-entered the original cost estimate that ties to our original submission while the technical issue is resolved.	N/A	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$7,193.00	N/A	N/A	N/A
Primary Antenna TFU-24GTH /VP-R S180	\$305,800.00	\$228,714.50		\$200,474.50	
Elbow complex,	\$9,570.00	\$9,542.50	Please see attached	\$9,542.50	N/A

single channel, at antenna input, per 4 1/16. feedline (if needed)	900161CMZ WPXR COMPONENTS ION_-signed quote				
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$212,772.00	N/A	\$185,172.00	N/A
Sub-total	\$511,600.00	\$312,307.50	N/A	\$200,474.50	N/A
Total for all systems	\$2,591,504.00	\$1,659,050.50	N/A	\$976,050.91	N/A

Components

Actual Information	
Description	File Name
Sweep test of existing antenna	Information not provided.
UHF - Lower Power Side Mount, One station - 200-500 kW, horizontally polarized	Information not provided.
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if	

needed)

Component Description:	Cost of additional elbows. Supporting documentation is attached.
Amount:	\$1,487.50

Component Description:	10% "after repack sweep" for primary elbow complex. Explanation of Variance and supporting documentation attached.
Amount:	\$805.50

Component Description:	65% "prior to ship" for primary elbow complex. Explanation of Variance and supporting documentation attached.
Amount:	\$5,235.75

Component Description:	25% "deposit" for primary elbow complex. Explanation of Variance and supporting documentation attached. This invoice has been paid.
Amount:	\$2,013.75

Sweep test of existing antenna

	<table> <tr> <td data-bbox="708 98 1107 584"> <p>Component Description:</p> </td><td data-bbox="1107 98 1426 584"> <p>25% "deposit" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 584 1107 696"> <p>Amount:</p> </td><td data-bbox="1107 584 1426 696"> <p>\$1,600.00</p> </td></tr> <tr> <td data-bbox="708 696 1107 1189"> <p>Component Description:</p> </td><td data-bbox="1107 696 1426 1189"> <p>65% "prior to ship" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached.</p> </td></tr> <tr> <td data-bbox="708 1189 1107 1301"> <p>Amount:</p> </td><td data-bbox="1107 1189 1426 1301"> <p>\$4,160.00</p> </td></tr> </table>	<p>Component Description:</p>	<p>25% "deposit" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$1,600.00</p>	<p>Component Description:</p>	<p>65% "prior to ship" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached.</p>	<p>Amount:</p>	<p>\$4,160.00</p>
<p>Component Description:</p>	<p>25% "deposit" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached. This invoice has been paid.</p>								
<p>Amount:</p>	<p>\$1,600.00</p>								
<p>Component Description:</p>	<p>65% "prior to ship" for repack sweep of primary antenna operations. Explanation of Variance and supporting documentation attached.</p>								
<p>Amount:</p>	<p>\$4,160.00</p>								
<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="708 1189 1107 1581"> <p>Component Description:</p> </td><td data-bbox="1107 1189 1426 1581"> <p>10% "after repack sweep" for primary antenna. Explanation of Variance and supporting documentation attached.</p> </td></tr> <tr> <td data-bbox="708 1581 1107 2132"> <p>Amount:</p> </td><td data-bbox="1107 1581 1426 2132"> <p>\$18,517.20</p> </td></tr> </table>	<p>Component Description:</p>	<p>10% "after repack sweep" for primary antenna. Explanation of Variance and supporting documentation attached.</p>	<p>Amount:</p>	<p>\$18,517.20</p>				
<p>Component Description:</p>	<p>10% "after repack sweep" for primary antenna. Explanation of Variance and supporting documentation attached.</p>								
<p>Amount:</p>	<p>\$18,517.20</p>								

Component Description:	25% "deposit" for primary antenna. Explanation of Variance and supporting documentation attached. This invoice has been paid.
Amount:	\$46,293.00

Component Description:	65% "prior to ship" for primary antenna. Explanation of Variance and supporting documentation attached.
Amount:	\$120,361.80

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	\$39,344.00	\$41,093.00		\$34,350.70	
Rigid Transmission Line - copper, 4 1/16"	\$32,944.00	\$34,693.00	Please see attached Dielectric Quote #900161CMZ	\$34,350.70	N/A
Sweep existing transmission line	\$6,400.00	\$6,400.00	N/A	N/A	N/A
Sub-total	\$39,344.00	\$41,093.00	N/A	\$34,350.70	N/A
Total for all systems	\$2,591,504.00	\$1,659,050.50	N/A	\$976,050.91	N/A

Components

Actual Information Description	File Name
Rigid Transmission Line - copper, 4 1/16"	<div><div>Component Description:</div><div>65% "prior to ship" for primary transmission line / 65% "prior to ship" for primary transmission lines additional cut pieces. Supporting documentation attached.</div><div>Amount:</div><div>\$20,603.31</div></div>

Component Description:	10% "after repack sweep" for transmission line cut pieces. Supporting documentation is attached.
Amount:	\$114.10

Component Description:	Cost of additional transmission line cut piece. Supporting documentation is attached.
Amount:	\$960.50

Component Description:	Cost of additional transmission line cut pieces. Supporting documentation is attached.
Amount:	\$1,921.00

Component Description:	10% "after repack sweep" for primary transmission line. Explanation of Variance and supporting documentation attached.
Amount:	\$2,827.44

	<p>Component Description:</p> <p>25% "deposit" for primary transmission line / 25% "deposit" for primary transmission lines additional cut pieces. Supporting documentation attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$7,924.35</p>
Sweep existing transmission line	Information not provided.

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower	\$615,200.00	\$130,000.00		\$20,000.00	
LTOWER					
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$0.00	N/A	N/A	N/A
Short Tower (less than 500')	\$84,200.00	\$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
Interim Antenna installation	<i>\$110,000.00</i>	\$110,000.00	N/A	N/A	N/A
Primary Tower	\$282,955.00	\$233,621.00		\$166,829.50	
TOWER					
Minor tower reinforcement /modifications	\$158,000.00	\$81,550.00	Cost to supply and install one (1) 15 foot ice bridge. Supply and replace 12 bays of	\$61,162.50	N/A

			<p>diagonals and existing redundant per the ESC engineering report. Plum and tension tower.</p> <p>Please see Worldwide Quote #S-19-929 attached.</p>		
Short Tower (less than 500')	\$84,200.00	\$130,616.00	<p>Cost for rigging tower, crane services to remove top mounted dummy pole and install TFU-24GTH /VP-RS top mounted antenna. Install rigid transmission line assist with test and tune. Top flange mapping. Please see Worldwide Quotes #S-19-929 and #S-19-945.</p>	\$84,212.00	N/A
Structural Analysis	\$14,455.00	\$14,455.00	<p>Cost for tower analysis, inspection report, and modification drawings. Please see attached Elevated Structural Quotes</p>	\$14,455.00	N/A

			dated 5-29-2018 and 8-3-2018.		
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$7,000.00	Cost for tower mapping. Please see Elevated Structural Quote dated 5-29-2018.	\$7,000.00	N/A
Sub-total	\$898,155.00	\$363,621.00	N/A	\$186,829.50	N/A
Total for all systems	\$2,591,504.00	\$1,659,050.50	N/A	\$976,050.91	N/A

Components

Actual Information	
Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.
Short Tower (less 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>
Interim Antenna installation	Information not provided.
Minor tower reinforcement /modifications	<p>Component Description:</p> <p>75% payment to supply and install ice bridge, supply and replace diagonals, plum and tension tower. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$61,162.50</p>
Short Tower (less than 500')	<p>Component Description:</p> <p>75% payment (less \$20,000 deposit) for tower services. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$79,212.00</p>

	<p>Component Description: Payment for top flange mapping. Supporting documentation is attached.</p> <p>Amount: \$5,000.00</p>
Structural Analysis	<p>Component Description: Cost for modification drawings per recent analysis. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$6,955.00</p> <p>Component Description: Cost for tower analysis and inspection report. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$7,500.00</p>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<p>Component Description: Cost for tower mapping. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$7,000.00</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		\$7,305.49	
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	\$6,310.00	\$6,000.00	N/A	N/A	N/A

environmental
review, if
needed

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	\$3,155.00	\$3,000.00	N/A	\$2,500.00	N/A

(main),
Construction
Permit
Application

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
Sub-total	\$189,650.00	\$171,280.00	N/A	\$7,305.49	N/A
Total for all systems	\$2,591,504.00	\$1,659,050.50	N/A	\$976,050.91	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	Information not provided.

Construction), if needed for height increase	
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> Component Description: </div> <div> Invoice for WPXR'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. </div> </div> <div> Amount: </div> <div> \$4,742.99 </div>

	<p>Component Description:</p> <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> <p>Amount:</p> <p>\$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>\$500.00</p>

	<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>\$2,000.00</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.
Prepare and or review reimbursement form	Information not provided.
Project management of the transition	Information not provided.

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$87,880.00	\$78,315.00		\$2,782.52	
Equipment Delivery and Handling Charges	<i>\$10,000.00</i>	\$10,000.00	N/A	\$769.88	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	\$2,012.64	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 - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,000.00	N/A	N/A	N/A
FCC Filing	\$335.00	\$325.00	N/A	N/A	N/A

Fees - Form
2100 license
to cover
application

Local Zoning	\$25,000.00	\$25,000.00	N/A	N/A	N/A
MVPD Notification of Channel Change	\$800.00	\$800.00	N/A	N/A	N/A
Sub-total	\$87,880.00	\$78,315.00	N/A	\$2,782.52	N/A
Total for all systems	\$2,591,504.00	\$1,659,050.50	N/A	\$976,050.91	N/A

Components

Actual Information	
Description	File Name
Equipment Delivery and Handling Charges	<p>Component Description: Cost of freight for main antenna package. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$769.88</p>
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	<p>Component Description: Cost of equipment storage rental. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$640.78</p>

	<p>Component Description:</p> <p>Cost of equipment storage rental. Supporting documentation is attached.</p> <p>Amount:</p> <p>\$182.77</p>
	<p>Component Description:</p> <p>Cost of equipment storage rental. Supporting documentation is attached.</p> <p>Amount:</p> <p>\$182.77</p>
	<p>Component Description:</p> <p>Cost of equipment storage rental. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$182.77</p>
	<p>Component Description:</p> <p>Cost of equipment storage rental. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$182.77</p>
	<p>Component Description:</p> <p>Cost of equipment storage rental. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$640.78</p>
Disposal Costs (for equipment and other waste,	Information not provided.

net of any salvage value)	
Non-zoning permits	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
DTV Medical Facility Notification	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.
Local Zoning	Information not provided.
MVPD Notification of Channel Change	Information not provided.

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$2,591,504.00	\$1,659,050.50
			\$976,050.91

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.
8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.

I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.

Mario Vasquez
Vice
President -
Finance,
Operations

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"> 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.
8. The above-named entity acknowledges that overpayments or payments in error

	<p>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>09/16/2019</p>

Attachments