Approved by OMB (Office of Management and Budget) 3060-1178

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **48608** | Service: **DTV** | Call Sign: **WPXM-TV** | Channel: **21 (UHF)**

File Number: **0000028529**

FRN: **0003720042** | Date Submitted: **09/17/2018**

Applicant Information

Applicant Name, Type, and Contact Information

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

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 ATC to IWG tower. Use interim antenna at IWG until repack testing phase concludes. Install new transmitter and transmission line to interim ant, re-channel to post repack channel on new main antenna. See Transmitters and Antenna Exhibit.

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	2003
	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?	No
	Manufacturer	
	Model	THU9-8 EVO
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13 kW
	Justification for New Transmitter	See attached Ultimate and Optimum Transmitter and Transition Plan Exhibits. New tower location requires additional TPO for interim operation.

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 leashold 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
RF Interconnect	Interconnect between RF System and transmission line
Removal of Existing Equipment	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?	Yes
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top 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)	242.0 kW

Manufacturer	
Model	ATW19H3-HSPX-35S
Year	2009

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?	No
	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?	Yes
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)	96.0 kW
	Manufacturer	

	Model	TFU-18DSC /VP-R P230
	Year	2017
	Justification for New Antenna	Current slot antenna cannot be re-channeled

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?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

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?	Yes
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)	150.0 kW
	Manufacturer	
	Model	TFU-WB-8
	Year	2017

	Justification for New Antenna	Interim antenna will operate on current channel from IWG tower until repack phase concludes and the station cuts over to main antenna on repack channel.

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

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	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1014 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	Broadband
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1040 feet per run
	Justification for New Transmission Line	See attached Transmission Line Exhibit

Primary Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

Tower Equipment And Rigging Costs

Section	Question	Response
Tower Equipment or Rigging Costs Changes	Do you have tower equipment or rigging costs changes?	Yes

Primary Tower

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?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1029604
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	25° 57' 31.0" N-
	Longitude (NAD83)	080° 12' 43.0" W-
	Overall Structure Height	1042.97 feet
	Support Structure Height	981.62 feet
	Ground Elevation Above Mean Sea Level (AMSL)	6.23 feet

Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
Tower Owner	IWG Miami
Date Constructed	11/25/1977

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
13456	WPBT	DTV
40408	WFEZ	FM
71418	WEDR	FM
72982	WHQT	FM
72984	WFLC	FM

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:	Serious Reinforcements needed

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra

Helicopter Services Required	Are helicopter services required?	No

Primary Tower

Other Tower Expenses Not Listed

Information not provided.

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?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1224225
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	25° 59' 10.0" N-
	Longitude (NAD83)	080° 11' 36.3" W-
	Overall Structure Height	1019.02 feet
	Support Structure Height	942.90 feet
	Ground Elevation Above Mean Sea Level (AMSL)	11.15 feet
	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes
	Tower Owner	American Towers, LLC.

	Date Constructed	10/12/2001

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
60536	WAMI-DT	DTV
64971	WSCV	DTV
11965	WBGG-FM	FM
29547	WSBS-CD	DTV
29567	WSFS	FM
51349	WBEC-TV	DTV
4366	WIMP-CD	DTV
41381	WHYI-FM	FM
67193	WMIB	FM
51978	WMIA-FM	FM

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra
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	No
	Environmental Assessment	Yes
	ASR Modification	No
	FAA Consultation (including preparation of FAA Form 7460)	No
	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 not 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 THU9-8 EVO	**$638,750.00**	**$551,700.00**		**$495,851.95**	
Other Electrical Service: Electrical Installation for replacement transmitter	***$74,000.00***	$74,000.00	Per FCC Request, ION is revising the estimate for electrical installation with updated quote from Eagle 1 Electric, Inc. Please see attached "Eagle 1 Electric, Inc. #190 (Revised)" for scope of work.	$76,676.33	Actual cost of electrical installation greater than pre-determined estimate. In addition, Eagle 1 Electric Inc #191 is meant to replace Eagle 1 Electric Inc. #190Final.
Removal of Existing Equipment	***$25,000.00***	$25,000.00	N/A	N/A	N/A
RF Interconnect	***$25,000.00***	$25,000.00	N/A	N/A	N/A
5 Ton system	$20,250.00	$19,250.00	N/A	$16,965.00	N/A

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	$494,500.00	$408,450.00	See attached Explanation of Request for Transmitters and Antenna Information Exhibit.	$402,210.62	N/A
Sub-total	$638,750.00	$551,700.00	N/A	$495,851.95	N/A
Total for all systems	$3,428,890.00	$1,606,228.50	N/A	$1,063,494.34	N/A

Components

Actual Information Description	File Name	
Other Electrical Service: Electrical Installation for replacement transmitter	**Component Description:**	50% "final" payment for electrical installation. Supporting documentation attached. This invoice has been paid.
	Amount:	$37,000.00
	Component Description:	Cost of additional components/labor inside and outside of transmitter building to protect electrical components and finalize transmitter installation. This invoice has been paid.
	Amount:	$2,676.33

	Component Description:	50% "final" payment for electrical installation. Supporting documentation corrected and attached. This invoice has been paid.
	Amount:	$37,000.00
	Component Description:	50% "deposit" payment for electrical installation. Supporting documentation corrected and attached. This invoice has been paid.
	Amount:	$37,000.00
Removal of Existing Equipment	Information not provided.	
RF Interconnect	Information not provided.	
5 Ton system		
	Component Description:	Cost of labor and materials to install one (10 ton) HVAC system. Supporting documentation attached. This invoice has been paid.
	Amount:	$16,965.00

UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	**Component Description:**	25% "down payment" for Rohde & Schwarz transmitter. Cost breakdown & supporting documentation attached. This invoice has been paid.
	Amount:	$92,992.50
	Component Description:	Cost of cable management tray to secure all transmitter wiring. Supporting documentation attached. This invoice has been paid.
	Amount:	$6,733.17
	Component Description:	75% "remaining balance" payment of the Rohde & Schwarz Transmitter, inclusive of taxes incurred. Supporting documentation attached.
	Amount:	$302,484.95

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	**$195,100.00**	**$124,025.50**		**$51,213.60**	
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	$89,400.00	$40,432.50	***System Notice: Estimate adjusted and locked because line has been superseded. ***	$40,432.50	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	$9,570.00	$7,193.00	N/A	$5,021.10	N/A

UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	$89,400.00	$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
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$5,760.00	N/A
Primary Antenna TFU-18DSC /VP-R P230	**$250,910.00**	**$100,408.00**		**$150,858.90**	
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$5,760.00	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	$9,570.00	$9,100.00	N/A	$8,276.40	N/A

Side mount brackets for high power antennas (if not included in antenna base cost)	$23,150.00	$18,888.00	N/A	$14,782.50	N/A
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	$103,100.00	$0.00	N/A	$61,020.00	Due to technical error within Form.
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	$5,260.00	$5,000.00	N/A	N/A	N/A

UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	$103,100.00	$61,020.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***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.	$61,020.00	N/A
Sub-total	$446,010.00	$224,433.50	N/A	$202,072.50	N/A
Total for all systems	$3,428,890.00	$1,606,228.50	N/A	$1,063,494.34	N/A

Components

Actual Information Description	File Name

UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	**Component Description:**	45% "down payment" for interim antenna. Supporting documentation attached. This invoice has been paid.
	Amount:	$20,216.25
	Component Description:	45% "prior to ship" payment for interim antenna. Supporting documentation attached. This invoice has been paid.
	Amount:	$20,216.25
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	**Component Description:**	45% "down payment" for interim reducer. In filing the Form 399, ION assumed the cost of the interim reducer would be included in this category. Supporting documentation attached. This invoice has been paid.
	Amount:	$658.35

Component Description:	45% "prior to ship" payment for interim jumper air flex. In filing the Form 399, ION assumed the cost of interim jumper air flex would be included in this category. Supporting documentation attached. This invoice has been paid.
Amount:	$1,852.20
Component Description:	45% "prior to ship" payment for interim reducer. In filing the Form 399, ION assumed the cost of interim reducer would be included in this category. Supporting documentation attached. This invoice has been paid.
Amount:	$658.35

	Component Description:	45% "down payment" for interim jumper air flex. In filing the Form 399, ION assumed the cost for interim jumper air flex would be included in this category. Supporting documentation attached. This invoice has been paid.
	Amount:	$1,852.20
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Information not provided.	
Sweep test of existing antenna	**Component Description:**	45% "down payment" for repack sweep of interim operations. Supporting documentation attached. This invoice has been paid.
	Amount:	$2,880.00
	Component Description:	45% "prior to ship" payment for repack sweep of interim operations. Supporting documentation attached. This invoice has been paid.
	Amount:	$2,880.00

Sweep test of existing antenna	**Component Description:**	45% "prior to ship" payment for repack sweep of primary antenna operations. Explanation of variance and supporting documentation attached.
	Amount:	$2,880.00
	Component Description:	45% "down payment" for repack sweep of primary antenna operations. Explanation of variance and supporting documentation attached. This invoice has been paid.
	Amount:	$2,880.00
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	**Component Description:**	45% "prior to ship" payment for primary antenna elbow complex. Explanation of variance and supporting documentation attached.
	Amount:	$3,624.75

Component Description:	45% "prior to ship" payment for flanges. In filing the Form 399, ION assumed the cost of this item would be included in this category. Explanation of variance and supporting documentation attached.
Amount:	$513.45
Component Description:	45% "down payment" for flanges. In filing the Form 399, ION assumed the cost of this item would be included in this category. Explanation of variance and supporting documentation attached. This invoice has been paid.
Amount:	$513.45
Component Description:	45% "down payment" for primary antenna elbow complex. Explanation of variance and supporting documentation attached. This invoice has been paid.
Amount:	$3,624.75

Side mount brackets for high power antennas (if not included in antenna base cost)	**Component Description:**	45% "prior to ship" payment for primary antenna side mount brackets. Explanation of variance and supporting documentation attached.
	Amount:	$7,391.25
	Component Description:	45% "down payment" for primary antenna side mount brackets. Explanation of variance and supporting documentation attached. This invoice has been paid.
	Amount:	$7,391.25
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	**Component Description:**	45% "prior to ship" payment for primary antenna. Explanation of variance and supporting documentation attached.
	Amount:	$61,020.00
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	Information not provided.	

UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	**Component Description:**	45% "down payment" for primary antenna. Explanation of variance and supporting documentation attached. This invoice has been paid.
	Amount:	$61,020.00

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	**$169,520.00**	**$140,000.00**		**$107,339.40**	
Rigid Transmission Line - copper, 4 1 /16" broadband	$169,520.00	$140,000.00	N/A	$107,339.40	N/A
Sub-total	$169,520.00	$140,000.00	N/A	$107,339.40	N/A
Total for all systems	$3,428,890.00	$1,606,228.50	N/A	$1,063,494.34	N/A

Components

Actual Information Description	File Name

Rigid Transmission Line - copper, 4 1/16" broadband	**Component Description:**	45% "down payment" for primary transmission line. Supporting documentation attached. This invoice has been paid.
	Amount:	$53,669.70
	Component Description:	45% "prior to ship" payment for primary transmission line. Supporting documentation attached. This invoice has been paid.
	Amount:	$53,669.70

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	**$421,000.00**	**$0.00**		**$0.00**	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$0.00	N/A	N/A	N/A
Primary Tower GTOWER	**$1,485,600.00**	**$447,000.00**		**$249,800.00**	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$400,000.00	See Shared Equipment Exhibit for more information.	$249,800.00	N/A
Structural engineering tower load study for well documented tower	$12,600.00	$12,000.00	See Shared Equipment Exhibit for more information.	N/A	N/A

Serious tower reinforcement /modifications	$1,052,000.00	$35,000.00	See the attached Shared Equipment and Explanation of Request for Tower Expense Information Exhibits.	N/A	N/A
Sub-total	$1,906,600.00	$447,000.00	N/A	$249,800.00	N/A
Total for all systems	$3,428,890.00	$1,606,228.50	N/A	$1,063,494.34	N/A

Components

Actual Information Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	**Component Description:**	75% "deposit" for removal of interim antenna and final tower rigging at site. Supporting documentation attached. This invoice has been paid.
	Amount:	$48,450.00
	Component Description:	10% "deposit" for tower service. Cost breakdown and supporting documentation attached. This invoice has been paid.
	Amount:	$20,135.00
	Component Description:	65% "mobilization" payment for tower service. Cost breakdown and supporting documentation attached. This invoice has been paid.
	Amount:	$130,877.50
	Component Description:	25% "after install" payment for tower service. Cost breakdown and supporting documentation attached. This invoice has been paid.
	Amount:	$50,337.50

Structural engineering tower load study for well documented tower	Information not provided.
Serious tower reinforcement /modifications	Information not provided.

Cost Information

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Outside Professional Services	**$179,130.00**	**$161,280.00**		**$8,430.49**	
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.
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
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
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
Prepare request for Special Temporary Authorization	$2,050.00	$1,500.00	N/A	$1,250.00	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
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	$2,000.00	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	$437.50	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 Exhibit for more information.	N/A	N/A
Sub-total	$179,130.00	$161,280.00	N/A	$8,430.49	N/A
Total for all systems	$3,428,890.00	$1,606,228.50	N/A	$1,063,494.34	N/A

Components

Actual Information Description	File Name	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	**Component Description:**	Invoice for WPXM'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.
	Amount:	$4,742.99

	Component Description: **Amount:**	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. $4,837.97
	Component Description: **Amount:**	Invoice for WPXM'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. $4,742.99
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	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.	
Prepare request for Special Temporary Authorization	**Component Description:** **Amount:** **Component Description:** **Amount:**	Cost of engineering consultant work for special temporary authority request. Hourly supporting documentation attached. This invoice has been paid. $1,000.00 Cost of engineering consultant work on special temporary authority request revision. Hourly supporting documentation attached. This invoice has been paid. $250.00
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	**Component Description:**	Cost of engineering consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid.
	Amount:	$2,000.00

Perform engineering study for new channel assignment and antenna development	**Component Description:**	Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.
	Amount:	$125.00
	Component Description:	Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.
	Amount:	$250.00
	Component Description:	Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.
	Amount:	$62.50
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 Cos Justificati
Other Expenses	**$88,880.00**	**$81,815.00**		**$0.00**	
DTV Medical Facility Notification	$11,550.00	$4,500.00	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
Equipment Delivery and Handling Charges	***$10,000.00***	$10,000.00	N/A	N/A	N/A
Equipment Storage	***$10,000.00***	$10,000.00	N/A	N/A	N/A

Develop and air announcement of upcoming channel change	***$0.00***	$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	***$1,800.00***	$1,800.00	N/A	N/A	N/A
Sub-total	$88,880.00	$81,815.00	N/A	$0.00	N/A
Total for all systems	$3,428,890.00	$1,606,228.50	N/A	$1,063,494.34	N/A

Components

Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$3,428,890.00	$1,606,228.50	$1,063,494.34

Reimbursement Status

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

Certification

Section	Question	Response
Submission of Estimated Expenses Statements	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.	
	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* 09/17/2018

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 IMPRISIONMENT (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).	
	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 must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Mario Vasquez** *Vice President - Finance, Operations* 09/17/2018

Attachments