

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility 48608 Service: DTV Call WPXM-TV Channel: 21 (UHF)

ID:

Sign:

File **0000028529**

Number:

FRN: **0003720042** Date **01/28**

Submitted: /2019

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 Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

Appli	cant	٩d	C	iress	P	hone	Ema	ail

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	No
download those stations' licensing information.	
Briefly describe transition plan	Relocate from

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, rechannel 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	
Manufacturer and Type	Model	Ultimate
	Year	2003
	Туре	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
	Туре	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

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	Class	Full Power
Manufacturer and Type	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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

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?	Yes
New Antenna	Class	Full Power
Manufacturer and Types	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Туре	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

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	No
	Туре	
	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

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	Class	Full Power
Manufacturer and Type	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Туре	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

Jus	stification 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 ^{Seffien}	Question	Response
Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

Primary Transmission Line

Existing Transmission Line

on 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	Manufacturer	
Line Manufacturer and Type	Туре	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 Transmis

New Transmission Line

smissio	n 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
		Туре	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	
	Justification for New Transmission Line	See attached Transmission Line Exhibit	

Other Transmission Line Expenses Not Listed Primary
Transmission bination 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	Do you have a tower registration number?	Yes
Structure Registration	ASR Number	1029604
Coordinates (NAD83 (Latitude (NAD83)	25° 57' 31.0" N-
North American Datum of 1983))	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
72984	WFLC	FM
40408	WFEZ	FM
71418	WEDR	FM
72982	WHQT	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	Are helicopter services required?	No
Required		

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	Do you have a tower registration number?	Yes
Structure Registration	ASR Number	1224225
Coordinates (NAD83 (Latitude (NAD83)	25° 59' 10.0" N-
North American Datum of 1983))	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.

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

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

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	Prepare and file Form FCC Construction Permit Application	Yes
Services	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 Expenses Not Listed
Professional Services ©qstsided.

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 Not Listed

Expenses 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	\$613,750.00	\$534,011.62		\$509,011.62	
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.	\$74,000.00	N/A
Removal of Existing Equipment	\$25,000.00	\$25,000.00	N/A	\$0.00	N/A
RF Interconnect	\$0.00	\$0.00	RF Interconnect was not required. Estimated cost updated to reflect this fact.	\$0.00	N/A

UHF - Liquid	\$494,500.00	\$418,046.62	See Rohde & Schwarz	\$418,046.62	N/A
Cooled			#9500072344,		
Solid State			#9500073022,		
Transmitter			#9500079673,		
8.2 - 13 kW			and		
			#9500087897.		
5 Ton	\$20,250.00	\$16,965.00	See attached	\$16,965.00	N/A
system			Precision Air		
			Systems		
			#88678.		
Sub-total	\$613,750.00	\$534,011.62	N/A	\$509,011.62	N/A
Total for all	\$3,403,890.00	\$1,500,300.12	N/A	\$1,034,991.56	N/A
systems					

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:	50% "deposit" payment for electrical installation. Supporting documentation corrected and attached. This invoice has been paid.
	Amount:	\$37,000.00

Component Description: 50% "final"

payment for electrical installation. Supporting documentation corrected and 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

Removal of Existing Equipment

Information not provided.

RF Interconnect

Information not provided.

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: Full cost of channel

change and final transmitter proof of performance.

performance.
Supporting
documentation
attached. This
invoice has been

paid.

Amount: \$15,836.00

Component Description: 75% "remaining

balance" payment of the Rohde &

Schwarz Transmitter, inclusive of taxes

incurred.

Supporting documentation

attached.

Amount: \$302,484.95

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

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	\$97,336.50		\$56,904.00	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See attached Dielectric Quote #700113CMZ- 1.	\$6,400.00	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$5,579.00	See attached Dielectric Quote #45322.	\$5,579.00	Actual Costs equals Estimated Costs
UHF - Lower Power Side Mount, One station antenna - medium power (50- 200 kW), horizontally polarized	\$89,400.00	\$44,925.00	See attached Dielectric Quote #45322.	\$4,492.50	N/A

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
Primary Antenna TFU-18DSC /VP-R P230	\$250,910.00	\$228,641.00		\$75,429.45	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$0.00	Pattern Scatter Analysis not required. Estimated cost adjusted to reflect this fact.	\$0.00	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$16,425.00	See attached Dielectric Quote #700511CMZ.	\$7,391.25	N/A

UHF - Lower Power Side Mount, One Station antenna . medium power (50- 200 kW), elliptically or circularly polarized	\$103,100.00	\$135,600.00	See attached Dielectric Quote #700511CMZ. Cost of Vertical Polarization is excluded from this amount.	\$0.00	Due to technical error within Form.
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See attached Dielectric Quote #700511CMZ.	\$2,880.00	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$9,196.00	See attached Dielectric Quote #700511CMZ. Inclusive of line item 3 (\$8,055) and line item 4 (\$1,141).	\$4,138.20	N/A

Total for all systems	\$3,403,890.00	\$1,500,300.12	N/A	\$1,034,991.56	N/A
Sub-total	\$446,010.00	\$325,977.50	N/A	\$132,333.45	N/A
			resolved.		
			issue is		
			technical		
			while the		
			submission		
			original		
			ties to our		
			estimate that		
			original cost		
			entered the		
			we have re-		
			procedure,		
			Per FCC		
1			LMS form.		
polarized			error with the		
circularly			technical		
or			due to a		
elliptically			re-entered		
power (50- 200 kW),			estimated cost has been		
medium			***The		
antenna.			superseded.		
Station			has been		
One			because line		
Mount,			locked		
Side			adjusted and		
Power			Estimate		
Lower			Notice:		
UHF -	\$103,100.00	\$61,020.00	***System	\$61,020.00	N/A

Components

Actual Information	
Description	File Name

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

Component Description: 10% "remaining

balance" payment for repack sweep

of interim operations.
Supporting documentation attached. This invoice has been

paid.

Amount: \$640.00

Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)

Component Description: 10% "remaining

balance" payment on interim reducer.

Supporting documentation attached. This invoice has been

paid.

Amount: \$146.30

Component Description: 10% "remaining

balance" payment on interim jumper airflex. Supporting documentation attached. This invoice has been

paid.

Amount: \$411.60

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% "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% "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

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

UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized

Component Description: 10% "remaining

balance" payment on interim antenna.

Supporting documentation attached. This invoice has been

paid.

Amount: \$4,492.50

UHF - Lower Power Side Mount, One station antenna **Component Description:** 45% "down - medium power (50-200 payment" for kW), horizontally polarized interim antenna. Supporting documentation attached. This invoice has been paid. \$20,216.25 Amount: **Component Description:** 45% "prior to ship" payment for interim antenna. Supporting documentation attached. This invoice has been paid. Amount: \$20,216.25 Pattern scatter analysis for Information not provided. side mount high/med power antennas (if not included in antenna base cost)

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:

payment" for primary antenna side mount brackets.
Explanation of variance and supporting documentation attached. This invoice has been

paid.

45% "down

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

Sweep test of	of existing
antenna	

Component Description: 45% "prior to ship"

payment for repack sweep of primary

antenna
operations.
Explanation of
variance and
supporting
documentation

attached. \$2,880.00

Component Description:

Amount:

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

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	\$119,266.00		\$119,266.00	
Rigid Transmission Line - copper, 4 1 /16" broadband	\$169,520.00	\$119,266.00	See attached Dielectric Quote #700113CMZ- 1.	\$119,266.00	N/A
Sub-total	\$169,520.00	\$119,266.00	N/A	\$119,266.00	N/A
Total for all systems	\$3,403,890.00	\$1,500,300.12	N/A	\$1,034,991.56	N/A

Components

Actual Information	
Description	File Name

Rigid Transmission Line - copper, 4 1/16" broadband

Component Description: 10% "remaining

balance" payment

for primary

transmission line.

Supporting documentation attached. This invoice has been

paid.

Amount: \$11,926.60

Component Description: 45% "prior to ship"

payment for primary

transmission line.

Supporting documentation attached. This invoice has been

paid.

Amount: \$53,669.70

Component Description: 45% "down

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 Co
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	Both rigging and de-rigging of tower included in quote.	\$0.00	N/A
Primary Tower GTOWER	\$1,485,600.00	\$277,950.00		\$265,950.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$265,950.00	See attached Worldwide Communications Quote #853 and Worldwide Communications Quote #S-18- 869.	\$265,950.00	N/A
Serious tower reinforcement /modifications	\$1,052,000.00	\$0.00	Updated estimate.	\$0.00	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
Sub-total	\$1,906,600.00	\$277,950.00	N/A	\$265,950.00	N/A

Total for all	\$3,403,890.00	\$1,500,300.12	N/A	\$1,034,991.56	N/A
systems					

Components

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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: Amount:	25% "remaining balance" payment for removal of interim antenna and final tower rigging at site. Supporting documentation attached. \$16,150.00
	Component Description: Amount:	10% "deposit" for tower service. Cost breakdown and supporting documentation attached. This invoice has been paid. \$20,135.00
	Component Description:	25% "after install" payment for tower service. Cost breakdown and supporting documentation attached. This invoice has been paid.
	Amount:	\$50,337.50

Component Description: 75% "depos	it" 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: 65% "mobilization"

payment for tower service. Cost breakdown and supporting documentation attached. This invoice has been

paid.

Amount: \$130,877.50

Serious tower reinforcement /modifications

Structural engineering tower load study for well

Information not provided.

documented tower

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	
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	\$2,365.00	\$2,250.00	N/A	N/A	N/A
File FCC Form 2100 (main), License to Cover					
Application					
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,742.99	Duplicate li item. ION only requesting reimbursem for invoice dated 5/2
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

Project management of the transition	\$28,440.00	\$18,530.00	See AT Exhibit 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
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Sub-total	\$179,130.00	\$161,280.00	N/A	\$8,430.49	N/A
Total for all systems	\$3,403,890.00	\$1,500,300.12	N/A	\$1,034,991.56	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.
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.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	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
	Amount	ψ4,007.07
	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. Hourly supporting documentation and invoice attached. \$4,742.99
		. ,

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. Cover letter, hourly supporting

documentation and invoice attached.

Amount: \$4,742.99

Prepare request for Special Temporary Authorization

Component Description: Cost of

engineering

consultant work on special temporary authority request revision. Hourly supporting documentation attached. This invoice has been

paid.

Amount: \$250.00

Component Description: Cost of

engineering

consultant work for special temporary authority request. Hourly supporting documentation attached. This invoice has been

paid.

Amount: \$1,000.00

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: Amount:	Cost of engineering consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid. \$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

Project management of the transition

Information not provided.

Prepare and or review reimbursement form	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	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
Other Expenses	\$88,880.00	\$81,815.00		\$0.00	
MVPD Notification of Channel Change	\$1,800.00	\$1,800.00	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
Equipment Storage	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$10,000.00	\$10,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Non-zoning permits	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Local Zoning	\$25,000.00	\$25,000.00	N/A	N/A	N/A

Total for all systems	\$3,403,890.00	\$1,500,300.12	N/A	\$1,034,991.56	N/A
Sub-total	\$88,880.00	\$81,815.00	N/A	\$0.00	N/A
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

Components

Information not provided.

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$3,403,890.00	\$1,500,300.12	\$1,034,991.56

Reimbursem	envestiatus	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

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 abovenamed applicant for the Authorization(s) specified above.

Mario Vasquez

Vice
President Finance,
Operations

01/28/2019

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.
- The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.
- 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 abovenamed applicant for the Authorization(s) specified above. Mario Vasquez Vice President -Finance, Operations

01/28/2019

Attachments