

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

F	acility	73189	Service: DTV	Call	WLPX-TV	Channel: 18 (UHF)	
I	D:			Sign:			
F	File	00000	28315				
١	Number:						
FRN: 0001808468		Date	03/04				
			Submitted:	/2021			

Applicant Name, Type, and Contact Information

Applicant Information

Applicant	Address	Phone	Email	Applicant Type
ION TELEVISION LICENSE, LLC Doing Business As: ION TELEVISION LICENSE, LLC	601 CLEARWATER PARK ROAD WEST PALM BEACH, FL 33401 United States	+1 (561) 682- 4110	BIANCAFRYE@IONMEDIA. COM	Corporation

Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer	Preparer Contact Name and Information				
Contact Information	Applicant	Address	Phone	Email	
	The Preparer is same as the reimbursement contact.				

Broadcaster	Question	Response
Information		
and		
Transition		
Plan		

Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	Relocate from ASR #1050615 to ASR #1234025. Install interim antenna to make repack deadline. Replace non-retunable transmitter, install side mount antenna and transmission line to operate on post-repack channel.

Transmitters	Section	Question	Response
	Transmitter Related Expenses	Do you have transmitter related expenses?	Yes

Primary	Existing Transmitter Information				
Transmitter	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	Millennium		
		Year	2002		
		Туре	Inductive Output Tube		
		IOT Power Type	Тwo		
		Power Capacity	40 kW		

Existing Transmitter Information

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

Other Transmitter Costs

Primary	Other Transmitter Costs			
Transmitter	Section	Question	Response	
	Electrical Service	Service Entrance (3 phases 800A 208V)	No	
		Switchgear (industrial 800 amp)	No	
		Transformer (480V)	Yes	
		Power	300 kVA	
		Rigid Conduit and Wiring	No	
		Size	N/A	

	Length	N/A
	Other Electrical Service	Yes
	Description	Additional electric work needed for transmitter installation
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?	Yes
	Size	500.0 square feet
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	Other Transmitter Cost Not Listed			
Transmitter	Name	Description		
	Removal of Existing Equipment	Removal of existing transmitters and equipment / Site Prep		
	Additional Installation Costs	Additional installation labor and materials for transmitter		
	RF Interconnect	Interconnect between RF System and transmission line		

Antennas Section		Question	Response
Antenna Rela	ated Expenses	Do you have antenna related expenses?	Yes

Primary	Existing Antenna Information			
Antenna	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	Class	Full Power	
	Manufacturer and Type	Mounting	Side 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)	1000.0 kW	

Manufacturer	
Model	TFU- 24DSC-R C170
Year	2002

Primary	New Antenna Costs			
Antenna	Section	Question	Response	
	New Antenna Description	Use	Primary (Main)	
		Description of Use	N/A	
		Change Type	Purchase New	
		Is this a request for upgraded equipment?	Yes	
		Ownership	Owned	
		Owner	N/A	
		Is antenna shared?	No	
		Is antenna directional?	Yes	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Types	Class	Full Power	
		Mounting	Side Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		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)	765.0 kW	
		Manufacturer		
			1	

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

Primary	Other Antenna Costs		
Antenna	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	6 1/8 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?	No
	Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes

Other Antenna Costs

PrimaryOther Antenna Cost Not ListedAntennaInformation not provided.

Transmissior	n Seffien	Question	Response
	Transmission Line Related Expenses	Do you have transmission line related expenses?	Yes

ransmissio	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	
		Туре	Rigid
		Diameter	6 1/8 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1000 feet per run

Primary Existing Transmission Line

Primary	New Transmission Line			
Transmissio	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?	Yes	
		Туре	Rigid	
		Diameter	6 1/8 inches	
		Other Diameter	N/A	
		Segment Length	20 inches	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	1000 feet per run	
		Justification for New Transmission Line	See attached Antenna Exhibit	

Primary	Other Transmission Line Expenses Not Listed		
Transmissio	n Line	Description	
	Sweep existing transmission line	Sweep existing transmission line	

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

Primary	Add Tower			
Tower	Section	Question	Response	
	Existing Tower Description	Type of change	Modify Existing	
	-	Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Leased	
		Is this tower consider Complex?	No	
		Is this tower currently shared with any other stations?	Yes	
		One or more FM, AM or TV radio broadcaster(s)	Yes	
		Others Types of Users	No	
		Is tower documented for structural analysis?	Yes	
		Is tower compliant with Rev G?	Unknown	
	Existing Tower Structure Registration	Do you have a tower registration number?	No	
		ASR Number		
	Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	38° 30' 21.1" N-	
		Longitude (NAD83)	082° 12' 32.3" W-	
		Overall Structure Height	1159.11 feet	
		Support Structure Height	1154.84 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	971.77 feet	

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

FM, AM or TV radio broadcasters. Facility ID's, Call Signs and Services of other broadcast stations with whom the tower is shared

Facility ID	Call Sign	Service
65130	WQCW	DTV
23342	WOWK-TV	DTV

Primary Tower Modification Costs

Tower

Tower

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	No study needed
Tower Reinforcements	Please select whether tower reinforcements are needed:	No reinforcements needed

Primary Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A
Helicopter Services Required	Are helicopter services required?	No

Other Tower Expenses Not Listed

Primary Tower

Name	Description
Remove Interim Antenna	Cost to remove interim antenna
Structural analysis	Structural analysis

Primary	Existing Tower			
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?	No	
		Is this tower currently shared with any other stations?	No	
		One or more FM, AM or TV radio broadcaster(s)	N/A	
		Others Types of Users	N/A	
		Is tower documented for structural analysis?	Unknown	
		Is tower compliant with Rev G?	No	
	Existing Tower Structure Registration	Do you have a tower registration number?	Yes	
		ASR Number	1050615	
	Coordinates (<u>NAD83</u> (North American Datum of 1983))	Latitude (NAD83)	38° 28' 11.8" N-	
		Longitude (NAD83)	081° 46' 35.2" W-	
		Overall Structure Height	982.93 feet	
		Support Structure Height	912.72 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	1001.96 feet	
		Structure Type	TOWER - Free Standing or Guyed Structure	
		Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.	
		Date Constructed	02/21/2008	

Primary Tower	Tower Rigging Costs			
	Section	Question	Response	
	Tower Rigging Costs	Complex Tower	N/A	
	Helicopter Services Required	Are helicopter services required?	No	

Primary	Other Tower Expenses Not Listed	
Tower	Name	Description
	Structural Study	Structural Studies and Engineering Review

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	Other Professional Services Expenses	Not Listed
Professional	Services Costs	Description
	Impact Study	LPTV Impact Analysis

Other	Section	Question	Response
Expenses	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.

Transmitters

Cost Information

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

	Predetermined	Estimated	Estimated Cost		Actual Cos
Description	Cost Estimate	Cost	Justification	Actual Cost	Justificatio
Primary Transmitter THU9-20 EVO	\$1,195,745.00	\$1,055,335.00		\$1,032,118.42	
Additional Installation Costs	\$53,653.00	\$53,653.00	Please see Rohde & Schwarz Quotes #268497.1 and #400446.0	\$53,653.00	N/A
Other Building Addition Size: 500.0	\$34,132.00	\$34,132.00	Please see BPI Quote Ice Bridge 6-5- 19_Rev.1.1 and IDS, LLC Quote for Heat Exchanger Pad	\$34,132.00	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	\$2,000.00	N/A
Other Electrical Service: Additional electric work needed for transmitter installation	\$51,410.00	\$51,410.00	Please see IDS LLC Quote ION Media inside work plus applicable sales tax	\$51,410.00	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$809,390.00	Please see attached Rohde & Schwarz quotes #114344. 0 and #316129.2	\$809,390.00	N/A
RF Interconnect	\$25,000.00	\$25,000.00	N/A	\$20,808.30	N/A

Removal of Existing Equipment	\$27,500.00	\$27,500.00	Please see Skyline Communications Quote EST21272	\$27,500.00	N/A
Transformer 3 phase /480v - 300 KVA	\$36,800.00	\$35,000.00	N/A	\$33,225.12	N/A
Sub-total	\$1,195,745.00	\$1,055,335.00	N/A	\$1,032,118.42	N/A
Total for all systems	\$2,316,203.51	\$2,303,417.99	N/A	\$2,048,798.05	N/A

Components

Actual Information Description	File Name	
Additional Installation Costs		
	Component Description:	Cost of additional equipment for transmitter installation. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$17,160.00
	Component Description:	Additional installation costs
		for main transmitter. Supporting
		documentation is attached. This
	Amount:	invoice has been paid. \$36,493.00
		430, 4 33.00

Other Building Addition Size: 500.0		
JIZG. JUU.U	Component Description:	Cost of ice shield
		over heat
		exchangers and
		HVAC. Supporting
		documentation is
		attached. This
		invoice has been
		paid.
	Amount:	\$31,800.00
	Component Description:	Cost of concrete
		pad for heat
		exchangers.
		Supporting
		documentation is
		attached. This
		invoice has been
		paid.
	Amount:	\$2,332.00
5 Ton system		
	Component Description:	Cost of removing
		old ductwork from
		transmitter building.
		Supporting
		documentation is
		attached. This
		invoice has been
		paid.
	Amount:	\$2,000.00
Other Electrical Service:		
Additional electric work	Component Description	Cost of electrical
needed for transmitter	Component Description:	work needed for
installation		installation of main
		transmitter.
		Supporting documentation is
		attached. This
		invoice has been
	A	paid.
	Amount:	\$51,410.00

Component Description:	\$1,000 deposit payment for Rohde & Schwarz transmitter. Supporting documentation is attached. This invoice has been paid. \$1,000.00
Component Description:	2nd "milestone" (30%) payment for Rohde & Schwarz transmitter. Supporting documentation is attached. This invoice has been paid. \$238,167.00
Component Description:	3rd "milestone" (35%) payment for Rohde & Schwarz transmitter. Supporting documentation is attached. This invoice has been paid. \$277,861.50

	Component Description:	Cost to take line
		measurements,
		increase power to
		full operation, and
		proof transmitter
		performance.
		Supporting
		documentation is
		attached. This
		invoice has been
		paid.
	Amount:	\$15,500.00
	Component Description:	35% "payment
		upon proof of
		performance" for
		transmitter and
		accessories.
		Supporting
		documentation is
		attached.
	Amount:	\$276,861.50
		,
RF Interconnect		
	Component Description:	Cost of additional
		RF Interconnect
		equipment.
		Supporting
		documentation is
		attached.
	Amount:	\$7,325.30
	Component Description:	Cost of additional
		equipment needed
		for transmitter
		installation.
		Supporting
		documentation is
		attached. This
		invoice has been
		paid.
	Amount:	\$13,483.00

Component Description:	Cost for removal of
	old transmitter
	equipment.
	Supporting
	documentation is
	attached. This
	invoice has been
	paid.
Amount:	\$27,500.00
Component Description:	Cost to install
	electric equipment
	for main
	transmitter.
	Supporting
	documentation is
	attached.
Amount:	\$33,225.12
	Amount: Component Description:

Antennas

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna ATW26H3- ESC170- 18H	\$175,468.51	\$167,367.86		\$167,367.86	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,719.35	Cost of primary elbow complex. Please see attached Electronics Research, Inc. Quote #20180821- 040 Rev A.	\$10,719.35	N/A
Sweep test of existing antenna	\$6,730.00	\$12,500.00	See attached Electronics Research, Inc. Quote #20180821- 040 Rev A. ERI did not perform "transmission line layout" and "site survey" on quote that had previously bee included in this section. 2nd sweep was needed after new cut section was installed.	\$12,500.00	N/A

UHF - High Power, Side Mount, basic slot antenna, 765 kW input, directional,, elliptically or circularly polarized	\$133,288.51	\$133,288.51	Cost of primary side mount antenna. Estimate does not include elliptical polarization upgrade. Please see attached Electronics Research, Inc. Quote #20180821- 040 Rev A. Final billing is \$.01 higher than quote.	\$133,288.51	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$10,860.00	Cost of antenna side mount brackets. Please see attached Electronics Research, Inc. Quote #20180821- 040 Rev A.	\$10,860.00	N/A
Sub-total	\$175,468.51	\$167,367.86	N/A	\$167,367.86	N/A
Total for all systems	\$2,316,203.51	\$2,303,417.99	N/A	\$2,048,798.05	N/A

Components

Actual Information Description	File Name
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	

Component Description:	35% "upon mfg" payment for primary elbow complex. Explanation of variance and supporting documentation is attached. \$3,751.77
Component Description:	40% "invoiced prior to shipment" payment for primary elbow complex. Explanation of variance and supporting documentation is attached. This invoice has been paid. \$4,287.74
Component Description:	10% "after proof of performance" payment for primary elbow complex. Explanation of variance and supporting documentation is attached. This invoice has been paid. \$1,071.94

	Component Description: Amount:	15% "payment with order" for primary elbow complex. Explanation of variance and supporting documentation is attached. \$1,607.90
Sweep test of existing antenna	Component Description:	Cost of antenna system sweep. A second sweep was required after installation of new cut section. Supporting documentation is attached. This invoice has been paid. \$6,250.00
	Component Description: Amount:	35% "upon mfg" payment for repack sweep of primary antenna operations. Explanation of variance and supporting documentation is attached. \$7,350.00

	Component Description:	40% "invoiced prior to shipment" payment for repack sweep of primary antenna operations. Explanation of variance and supporting documentation is attached. This invoice has been paid. \$8,400.00
	Component Description:	10% "after proof of performance" payment for repack sweep of primary antenna operations. Explanation of variance and supporting documentation is attached. This invoice has been paid. (\$12,650.00)
	Component Description:	15% "payment with order" for repack sweep of primary antenna operations. Explanation of variance and supporting documentation is attached. \$3,150.00
UHF - High Power, Side Mount, basic slot antenna,		

Component Description:	35% "upon mfg" payment for primary antenna. Explanation of variance and supporting documentation is attached. \$46,650.98
Component Description:	40% "invoiced prior to shipment" payment for primary antenna. Explanation of variance and supporting documentation is attached. This invoice has been paid. \$53,315.40
Component Description: Amount:	15% "payment with order" for primary antenna. Explanation of variance and supporting documentation is attached. \$19,993.28
	Amount: Component Description: Amount: Component Description:

escription: 35% "upon mfg" payment for antenna side mount brackets. Explanation of variance and supporting
documentation is attached. \$3,801.00
escription: 40% "invoiced prior to shipment" payment for antenna side mount brackets. Explanation of variance and supporting documentation is attached. This invoice has been paid. \$4,344.00

Component Description:	10% "after proof of performance" payment for antenna side mount brackets. Explanation of variance and supporting documentation is attached. This invoice has been paid. \$1,086.00
Component Description:	15% "payment with order" for antenna side mount brackets. Explanation of variance and supporting documentation is attached. \$1,629.00

Transmission Line

Cost Information

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmission Line	\$208,400.00	\$141,572.85		\$135,847.85	
Sweep existing transmission line	\$6,400.00	\$6,400.00	N/A	\$675.00	N/A
Rigid Transmission Line - copper, 6 1/8"	\$202,000.00	\$135,172.85	Cost of primary transmission line. Please see attached Electronics Research, Inc. Quote #20180821- 040 Rev A. and ERI Quote for Change Order 37559B (WLPX). And Early Co proposal dated 5/26 /20	\$135,172.85	N/A
Sub-total	\$208,400.00	\$141,572.85	N/A	\$135,847.85	N/A
Total for all systems	\$2,316,203.51	\$2,303,417.99	N/A	\$2,048,798.05	N/A

Components

Actual Information	
Description	File Name

Sweep existing transmission line	Component Description:	Cost to sweep existing transmission line, instead of purchasing new interim line. Supporting documentation is attached. This invoice has been paid. \$675.00
Rigid Transmission Line -		
copper, 6 1/8"	Component Description:	Cost to install an electrical outlet to power main transmission line compressor /dehydrator. Supporting documentation is attached. This invoice has been paid. \$600.00
	Component Description:	Cost of additional pieces for main transmission line. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$4,753.20

Component Description:	Cost of additional pieces for main transmission line. Supporting documentation is attached. This invoice has been paid. \$6,056.25
Component Description:	35% "upon mfg" payment for primary transmission line. Explanation of variance and supporting documentation is attached. \$42,837.32
Component Description:	40% "invoiced prior to shipment" payment for primary transmission line. Explanation of variance and supporting documentation is attached. This invoice has been paid. \$48,956.94

Component Description:	10% "after proof of performance" payment for primary transmission line. Explanation of variance and supporting documentation is attached. This invoice has been paid.
Amount:	\$12,239.24
Component Description:	Cost of additional transmission line equipment for installation inside building. Supporting documentation is attached. This invoice has been paid. \$1,371.05
Amount:	\$1,371.05
Component Description:	15% "payment with order" for primary transmission line. Explanation of variance and supporting documentation is attached.
Amount:	\$18,358

Tower Equipment and Rigging Costs

Cost Information

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 TOWER	\$217,500.00	\$403,750.00		\$403,750.00	
Structural Study	\$7,000.00	\$7,000.00	Please see American Tower Quote #310926_POR and Elevated Structural Quote WLPX Charleston	\$7,000.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$396,750.00	Please see attached Worldwide Communications Quote S-19-973 WLPX. Plus weather delay costs.	\$396,750.00	N/A
Primary Tower TOWER	\$240,510.00	\$284,747.28		\$284,747.28	
Structural analysis	\$21,000.00	\$21,000.00	Cost for site visit (tower mapping), structural analysis, and structural re- aalysis. Please see attached Elevated Structural Consultants Quote #1158 and Elevated Structural Consultants Quote dated 5-2- 2019.	\$21,000.00	N/A

Tall Tower (greater than 500')	\$210,500.00	\$254,737.28	Cost for tower services. Please see attached Worldwide Communications Quote #S-18- 927. Estimate includes weather delay charges and estimated tax. Precision Communication Quote #20420-5	\$254,737.28	N/A
Remove Interim Antenna	\$9,010.00	\$9,010.00	Please see Precision Communications - Interim Antenna Removal. Plus tax	\$9,010.00	N/A
Sub-total	\$458,010.00	\$688,497.28	N/A	\$688,497.28	N/A
Total for all systems	\$2,316,203.51	\$2,303,417.99	N/A	\$2,048,798.05	N/A

Components

Actual Information	
Description	File Name

Structural Study		
	Component Description:	Cost of engineer to review tower rigging plan. Supporting documentation is attached. This invoice has been paid. \$3,000.00
	Amount.	\$5,000.00
	Component Description:	Cost of structural study required by landlord. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$4,000.00
Tall Tower (greater than 500')	Component Description:	Cost of weather delays during tower services. Supporting documentation is attached. This invoice has been paid. \$3,900.00
		φ0,000.00
	Component Description:	75% "deposit" to remove antenna, transmission line and additional components. Supporting documentation is attached.
	Amount:	\$248,325.00

Component Description:	Cost of weather delays during tower services. Supporting documentation is attached. \$9,100.00
Component Description:	Cost of weather delays during tower services. Supporting documentation is attached. This invoice has been paid. \$13,650.00
Component Description: Amount:	25% "balance due" to remove antenna, transmission line and additional components. Supporting documentation is attached. \$82,775.00
Component Description: Amount:	Cost of weather delays during tower services. Supporting documentation is attached. \$19,500.00

	Component Description:	Cost of weather
		delays during
		tower services.
		Supporting
		documentation is
		attached.
	Amount:	\$19,500.00
Structural analysis		
	Component Description:	Cost for tower
		analysis.
		Supporting
		documentation is
		attached. This
		invoice has been
		paid.
	Amount:	\$7,000.00
	Component Description:	Cost for structural
		re-analysis.
		Supporting
		documentation is
	_	attached.
	Amount:	\$4,000.00
	Component Description:	Cost for site visit
		(tower mapping).
		Supporting
		documentation is
		attached. This
		invoice has been
		paid.
	Amount:	\$10,000.00
Tall Tower (greater than 500')		

Component Description:	Cost of additional tower work to install additional cut pieces and correct input complex. Supporting documentation is attached. This invoice has been paid. \$6,877.28
Component Description:	Cost for 3 days of weather delays during tower services. Supporting documentation is attached. \$13,000.00
Component Description:	Cost for 6 days of weather delays during tower services. Supporting documentation is attached. This invoice has been paid. \$26,650.00
Component Description: Amount:	75% "deposit" for tower services. Supporting documentation is attached. \$122,032.50

Component Description:	Cost for 5 days of weather delays during tower services. Supporting documentation is attached. \$28,600.00
Component Description:	25% "balance" payment for tower services and tax. Supporting documentation is attached. This invoice has been paid. \$40,677.50
Component Description:	Cost for 3 days of weather delays during tower services. Supporting documentation is attached. This invoice has been paid. \$16,900.00

Remove Interim Antenna		
	Component Description:	50% "upon proposal acceptance" payment to remove interim antenna. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$4,505.00
	Component Description: Amount:	50% "due on completion" payment to remove interim antenna. Supporting documentation is attached. This invoice has been paid. \$4,505.00

Outside Professional Services

Cost Information

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	\$189,900.00	\$171,530.00		\$7,117.99	
Impact Study	\$250.00	\$250.00	Cost of LPTV impact analysis to check impact on surrounding low impact TV stations	\$250.00	N/A
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A

Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	\$10,520.00	\$10,000.00	N/A	N/A	N/A
NEPA Section 106 environmental review, if needed	\$6,310.00	\$6,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	N/A	N/A
Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), License to Cover Application	\$2,365.00	\$2,250.00	N/A	N/A	N/A
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,742.99	Duplicate lir item. ION is only requesting reimburseme for Invoice Dated 5/1 /2018.
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/A

Total for all systems	\$2,316,203.51	\$2,303,417.99	N/A	\$2,048,798.05	N/A
Sub-total	\$189,900.00	\$171,530.00	information. N/A	\$7,117.99	N/A
Project management of the transition	\$28,440.00	\$18,530.00	See AT Exhibits for more	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
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$125.00	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
engineering section of FCC Form 2100 (main), License to Cover Application					

Components

Actual Information Description	File Name	
Impact Study	Component Description:	Cost of impact analysis for channel change of surrounding LPT stations. This invoice has been paid.
	Amount:	\$250.00
RF Exposure Measurements	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
ASR modification (prepare FCC Form 854)	Information not provided.	
Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.	
NEPA Section 106 environmental review, if needed	Information not provided.	
Attorney Fees - Prepare and File request for Special Temporary Authorization	Information not provided.	
Attorney Fees - Negotiation of lease and other matters for shared locations	Information not provided.	

Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application	Information not provided.	
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	Component Description:	Invoice for station's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff and has provided corrected supporting documentation. \$4,837.97
	Component Description:	Invoice for WLPX's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached. \$4,742.99

	Component Description:	Invoice for WLPX' portion of general repack legal expenses incurred for 42 of the ION repack stations fo period 2/1/2017 - 12/15/2017. Paye has corresponded with FCC staff. Cover letter, hourd supporting documentation an invoice attached. \$4,742.99
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	Component Description:	Cost of engineering consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid. \$2,000.00

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. \$62.50
	Component Description:	Cost of engineering consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid. \$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.	

Other Expenses

Cost Information

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 Justificatio
Other Expenses	\$88,680.00	\$79,115.00		\$17,848.65	
MVPD Notification of Channel Change	\$1,600.00	\$1,600.00	A second MVPD notification was needed because of a timing change due to dependencies	\$1,600.00	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	\$9,462.72	N/A
Equipment Delivery and Handling Charges	\$10,000.00	\$10,000.00	N/A	\$4,785.93	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

FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	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
DTV Medical Facility Notification	\$11,550.00	\$2,000.00	N/A	\$2,000.00	N/A
Sub-total	\$88,680.00	\$79,115.00	N/A	\$17,848.65	N/A
Total for all systems	\$2,316,203.51	\$2,303,417.99	N/A	\$2,048,798.05	N/A

Components

Actual Information Description

File Name

Component Description:	Cost of MVPD notification for channel change. A second notice was needed because of a timing change due to dependencies. Supporting documentation is attached. This invoice has been paid.
Amount:	\$800.00
Component Description:	Cost of MVPD notifications for repack channel change. Supporting documentation is attached. This invoice has been paid. \$800.00
Information not provided.	
Component Description:	Cost of storage rental during repack transition. Supporting documentation is attached.
Amount:	\$1,170.66
	Amount: Component Description: Amount: Information not provided. Component Description:

Component Description: Amount:	Cost of rental for 1 month of storage container. Supporting documentation is attached. \$170.02
Component Description: Amount:	Cost of storage rental during repack transition. Supporting documentation is attached. \$1,170.66
Component Description:	Cost of rental for 1 month of storage container. Supporting documentation is attached. \$170.02
Component Description:	Cost of rental for 1 month of storage container. Supporting documentation is attached. \$170.02
Component Description: Amount:	Cost for equipment storage. Supporting documentation is attached. \$4,100.00

	Component Description: Amount:	Cost of storage rental during repack transition. Supporting documentation is attached. This invoice has been paid. \$1,170.66
	Component Description:	Cost of rental for 1 month of storage container. Supporting documentation is attached.
	Amount:	\$170.02
	Component Description:	Cost of storage rental during repack transition. Supporting documentation is attached. This invoice has been paid. \$1,170.66
Equipment Delivery and Handling Charges	Component Description:	Cost of freight for additional transmission line pieces. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$287.78

Component Description: Amount:	Cost of freight for additional RF interconnect equipment. Supporting documentation is attached. \$247.63
Component Description:	Cost of freight for main antenna package. Explanation of variance and supporting documentation are attached. This invoice has been paid. \$3,662.75
Component Description: Amount:	Cost of freight for additional transmission line pieces. Supporting documentation is attached. This invoice has been paid. \$287.78
Component Description:	Cost of freight for additional transmission line component. Supporting documentation is attached. This invoice has been paid. \$299.99

Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.	
Non-zoning permits	Information not provided.	
Local Zoning	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	
DTV Medical Facility Notification	Component Description:	Cost of medical notifications for repack channel change. Supporting documentation is attached. This invoice has been paid.
	Amount:	βαία. \$2,000.00

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,316,203.51	\$2,303,417.99	\$2,048,798.05

Reimbursem	entestiatus	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	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.	
		 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. 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).
- 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.	
an aut namee	are, under penalty of perjury, that I am horized representative of the above- d applicant for the Authorization(s) ied above.	Mario Vasquez Vice President - Finance, Operations 03/04/2021

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).	
		 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).
- 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 03/04/2021

Attachments