

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

			-			
Facility	2325	Service: DTV	Call	WPXJ-TV	Channel: 24 (UHF)	
ID:			Sign:			
File	0000	028307				
Number:						
FRN: 003	30297451	Date	10/29			
		Submitted:	/2020			

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 #1059111 to ASR #1045315. Replace non-retunable transmitter, install top mounted antenna and transmission line to operate on post-repack channel.

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

Primary	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	1999			
		Туре	Inductive Output Tube			
		IOT Power Type	Single			
		Power Capacity	20 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	HPTV- PRLX-U14		
		Transmitter Type	Solid State		
		Solid State Cooling	Liquid Cooled		
		Solid State Power capacity	22.7 kW		
		Justification for New Transmitter	See attached Transmitter Exhibits. See attached Transmitter Upgrade Disclaimer		

Other Transmitter Costs

Primary	Other Transmitter Costs	ò		
Transmitter	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	Other
	Other Size	12 tons
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

Other Transmitter Cost Not Listed

Transmitter	Name	Description	
	Removal of existing equipment	Removal of existing transmitters and equipment / Site prep	
	RF interconnect	Interconnect between RF System and transmission line	

Antennas Section		Question	Response
Antenna 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 Manufacturer and Type	Class	Full Power	
		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)	455.0 kW	

Manufacturer	
Model	ATW 18HS2- HTPX-23S
Year	2009

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?	No	
		Will antenna be located on or in close proximity to an antenna farm?	No	
	New Antenna Manufacturer and Types	Class	Full Power	
		Mounting	Top Mount	
		Antenna position in stack	Not in Stack	
		Polarization	Elliptical	
		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)	500.0 kW	
	-	Manufacturer		
			1	

Model	ATW23H3- ETO10-24H
Year	2019
Justification for New Antenna	Current slot antenna can not be re- channeled

Primary	Other Antenna Costs			
Antenna	Section	Question	Response	
	Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?		
		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?		
	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	4 1/16 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	1121 feet per run

Primary Existing Transmission Line

Primary Transmissio	New Transmission Line			
	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	19 3/4 inches	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	1060 feet per run	
		Justification for New Transmission Line	See attached Transmission Line 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 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?		
		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	Do you have a tower registration number?	Yes	
	Registration	ASR Number	1045315	
	Coordinates (NAD83 (North American Datum of	Latitude (NAD83)	42° 46' 58.0" N-	
	1983))	Longitude (NAD83)	078° 27' 27.0" W-	
		Overall Structure Height	1048.87 feet	
		Support Structure Height	997.04 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	1399.92 feet	

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	ION Media Television, Inc.
Date Constructed	06/01/1987

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
67784	WNYO-TV	DTV

Primary Tower Modification Costs

Tower

Tower

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for undocumented /poorly documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

Primary Tower Rigging Costs

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

Primary Tower	Other Tower Expenses Not Listed	
	Name	Description
	Structural analysis	Structural analysis

Primary Tower	Existing Tower			
	Section	Question	Response	
	Existing Tower Description	Type of change	Move Equipment	
		Tower Use	Primary (Main)	
		Description of Use	N/A	
		Ownership	Leased	
		Is this tower consider Complex?	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	1059111	
	Coordinates (<u>NAD83</u> (North American Datum of 1983))	Latitude (NAD83)	42° 53' 42.1" N-	
		Longitude (NAD83)	078° 00' 55.0" W-	
		Overall Structure Height	1001.96 feet	
		Support Structure Height	949.79 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	943.89 feet	
		Structure Type	TOWER - Free Standing or Guyed Structure	
		Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.	
		Date Constructed	06/25/1999	

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

PrimaryOther Tower ExpensTowerInformation 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 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 Professiona	Other Professional Services Expenses	Not Listed
	Services Costs	Description
	Impact Study	Cost of 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	Yes
		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).

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter HPTV-PRLX- U14	\$1,216,744.00	\$923,861.00		\$784,851.00	
RF interconnect	\$25,000.00	\$25,000.00	N/A	\$13,747.00	N/A
Removal of existing equipment	\$27,500.00	\$27,500.00	Please see Skyline Equipment Removal EST21351	\$27,500.00	N/A
Other HVAC Service Type: C Size:12 (Other)	\$47,880.00	\$47,880.00	Please see attached Mollenberg- Betz Quote #SS19- 0017.	\$47,880.00	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$654,117.00	N/A	\$526,360.00	N/A
Other Electrical Service: Electrical Installation for replacement transmitter	\$169,364.00	\$169,364.00	Please see attached Ferguson Electric Quote #PD19930 and Ferguson Electric Quote #PD20224.	\$169,364.00	N/A
Sub-total	\$1,216,744.00	\$923,861.00	N/A	\$784,851.00	N/A

Total for all	\$2,875,231.26	\$2,228,700.07	N/A	\$1,562,865.68	N/A
systems					

Components

Actual Information Description	File Name	
RF interconnect		
	Component Description:	Cost of pieces for interconnect to transmission line. Supporting documentation is attached.
	Amount:	\$13,747.00
Removal of existing		
equipment	Component Description:	Cost to remove old transmitter equipment. Supporting documentation is attached and
	Amount:	explanation of variance attached. \$27,500.00

Other HVAC Service Type: C Size:12 (Other)	Component Description:	Progress payment for labor and installation for HVAC. Supporting documentation is attached.
	Amount:	\$45,486.00
	Component Description:	Balance payment for labor and installation for HVAC. Supporting documentation is attached. This invoice has been paid. \$2,394.00

UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	Component Description: Amount:	50% "progress" payment on Comark transmitter. Supporting documentation attached. \$263,180.00
	Component Description: Amount:	30% "deposit" payment for Comark Transmitter. Supporting documentation attached. \$157,908.00
	Component Description:	20% "due upon proof of performance" payment for new transmitter. Supporting documentation is attached. \$105,272.00
	Component Description: Amount:	Cost of surge suppressor for new transmitter package. Supporting documentation is attached. \$10,915.00

Other Electrical Service: Electrical Installation for		
replacement transmitter	Component Description:	Cost of transmitter
		building interior
		electrical work for
		transmitter
		installation.
		Supporting
		documentation is
		attached.
	Amount:	\$135,600.00
	Component Description:	Cost of installation
		and connection of
		surge suppressor.
		Supporting
		documentation is
		attached.
	Amount:	\$33,764.00

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 ATW23H3- ETO10-24H	\$308,530.00	\$231,742.00		\$165,982.90	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,250.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	\$9,829.40	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$213,642.00	V-Pol cost not included in reimbursement request	\$149,903.50	N/A
Sub-total	\$308,530.00	\$231,742.00	N/A	\$165,982.90	N/A
Total for all systems	\$2,875,231.26	\$2,228,700.07	N/A	\$1,562,865.68	N/A

35% payment "upon manufacturing" for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid. \$2,187.50
\$2,187.50
40% "invoiced prior to shipment" for repack sweep operations. Explanation of variance form and supporting documentation is attached. \$2,500.00
15% "payment with order" for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid.

	Component Description:	35% payment "upon manufacturing" for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid. \$2,187.50
	Component Description:	10% "net invoice after proof of performance" for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation is attached. \$625.00
	Component Description:	15% "payment with order" for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid. \$937.50
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if		

needed)

Component Description:	40% "invoiced prior to shipment" for primary elbow complex. Explanation of variance form and supporting documentation is attached. \$3,931.76
Component Description:	15% "payment with order" for primary antenna elbow complex. Explanation of variance form and supporting documentation attached. This invoice has been paid. \$1,474.41
Component Description:	35% payment "upon manufacturing" for primary antenna elbow complex. Explanation of variance form and supporting documentation attached. This invoice has been paid. \$3,440.29

	Component Description:	10% "net invoice after proof of performance" for primary elbow complex. Explanation of variance form and supporting documentation is attached. \$982.94
	Component Description:	15% "payment with order" for primary antenna elbow complex. Explanation of variance form and supporting documentation attached. This invoice has been paid. \$1,474.41
	Component Description:	35% payment "upon manufacturing" for primary antenna elbow complex. Explanation of variance form and supporting documentation attached. This invoice has been paid. \$3,440.29
Top W), One		

UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized

Component Description:	35% payment "upon manufacturing" for primary antenna.
	Explanation of variance form and supporting documentation attached. This
Amount:	invoice has been paid. \$51,143.22
	40., 1 10.LL
Component Description:	40% "invoiced prior
	to shipment" of
	primary antenna.
	Explanation of variance form and
	supporting
	documentation is
Amount:	attached. \$58,449.40
Amount.	<i>4</i> 00,449.40
Component Description:	15% "payment with
	order" for primary antenna.
	Explanation of
	variance form and
	supporting
	documentation attached. This
	invoice has been
	paid.
Amount:	\$21,918.53

Component Description:	15% "payment with order" for primary antenna. Explanation of variance form and supporting documentation attached. This invoice has been paid. \$21,918.53
Component Description:	35% payment "upon manufacturing" for primary antenna. Explanation of variance form and supporting documentation attached. This invoice has been paid. \$51,143.22
Component Description: Amount:	Cost to supply and install new LED beacon on top of antenna. Supporting documentation is attached. \$3,780.00
Component Description:	10% "net invoice after proof of performance" of primary antenna. Explanation of variance form and supporting documentation is attached. \$14,612.35

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	\$220,520.00	\$144,924.80		\$96,595.69	
Sweep existing transmission line	\$6,400.00	\$6,400.00	N/A	N/A	N/A
Rigid Transmission Line - copper, 6 1/8"	\$214,120.00	\$138,524.80	Please see attached Electronics Research, Inc. Quote #20180613- 434 Rev B.	\$96,595.69	N/A
Sub-total	\$220,520.00	\$144,924.80	N/A	\$96,595.69	N/A
Total for all systems	\$2,875,231.26	\$2,228,700.07	N/A	\$1,562,865.68	N/A

Actual Information Description	File Name
Sweep existing transmission line	Information not provided.
Rigid Transmission Line - copper, 6 1/8"	

Component Description:	10% "net invoice after proof of performance" for primary transmission line. Explanation of variance and supporting documentation is attached. Amount is based on 4 inch line baseline quote. \$9,240.78
Component Description:	40% "invoiced prior to shipment" for primary transmission line. Explanation of variance and supporting documentation is attached. Amount is based on 4 inch line baseline quote. \$36,963.10
Component Description: Amount:	50% "deposit with order" for air dryer. Supporting documentation is attached. \$2,093.97

Component Description:	15% "payment with order" for primary transmission line. Explanation of variance and supporting documentation is attached. This invoice has been paid. Amount is based on 4 inch line baseline quote \$13,861.16
Component Description: Amount:	"Balance due prior to shipping" payment for air dryer. Supporting documentation is attached. \$2,093.97
Component Description:	35% payment "upon manufacturing" for primary transmission line. Explanation of variance and supporting documentation is attached. This invoice has been paid. Amount is based on 4 inch
Amount:	line baseline quote \$32,342.71

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	\$210,500.00	\$274,750.00		\$199,833.33	
Tall Tower (greater than 500')	\$210,500.00	\$274,750.00	Please see attached WPXJ Northeast Tower Quote and Helicopter Justification. \$50k deposit invoice was used to secure services on other tower	\$199,833.33	N/A
Primary Tower TOWER	\$625,800.00	\$387,760.01		\$281,500.01	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$13,410.00	N/A	\$7,150.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$100,000.00	N/A	N/A	N/A

Total for all systems	\$2,875,231.26	\$2,228,700.07	N/A	\$1,562,865.68	N/A
Sub-total	\$836,300.00	\$662,510.01	N/A	\$481,333.34	N/A
example, those with candelabras and/or stacked antennas)			Please see attached Northeast Towers Quote #SSJR-19- 0410-02B. One penny adjustment for rounding.		
Complex Tower (includes, for	\$421,000.00	\$253,850.01	Cost for tower services.	\$253,850.01	N/A
			attached Elevated Structural Consultants Quote dated 8-2- 2018, Elevated Structural Consultants Quote dated 8-13- 2018, and Elevated Structural Consultants Quote dated 05-30- 2019.		
Structural analysis	\$20,500.00	\$20,500.00	Cost for structural analysis. Please see	\$20,500.00	N/A

Actual Information	
Description	File Name

Tall Tower (greater than		
500')	Component Description:	1/3rd "due with signed order" payment for tower services to remove old antenna equipment. Supporting documentation and justification for helicopter use attached.
	Amount:	\$74,916.67
	Component Description:	1/3rd "due at Project Start" payment for tower services to remove old antenna equipment. Supporting documentation and justification for helicopter use attached. \$74,916.66
	Component Description:	Down payment associated with securing tower service. Note that amount is not additional to cost of tower rigging and will be deducted from total cost of tower rigging at the time it is quoted. Supporting documentation attached.
	Amount:	\$50,000.00

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Component Description:	50% "deposit with order" for tower mapping. Supporting documentation is attached. This
	Amount:	invoice has been paid. \$3,500.00
	Component Description:	Cost of tower mapping. Supporting
	Amount:	documentation is attached. \$3,650.00
Minor tower reinforcement /modifications	Information not provided.	

Structural analysis		
	Component Description:	Cost of structural re-analysis. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$4,000.00
	Component Description:	Cost for structural analysis. Supporting documentation is attached.
	Amount:	\$3,000.00
	Component Description:	Cost for structural analysis. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$13,500.00

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description:	1/3 "due antenna set" payment for tower services. Supporting documentation is attached. \$84,616.67
	Component Description:	"Balance due upon
	component Description:	completion"
		payment for tower
		services.
		Supporting
		documentation is
		attached.
	Amount:	\$84,616.67
	Component Description:	1/3 "due when
		mobilize to job site"
		payment for tower
		services.
		Supporting
		documentation is
		attached.
	Amount:	\$84,616.67

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	\$190,150.00	\$171,780.00		\$6,805.49	
Impact Study	\$500.00	\$500.00	Please see du Treil invoice #243221 with hourly rates for LPTV impact study	\$500.00	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 li item. ION only requesting reimbursem for Invoice Dated 5/* /2018.

Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/ <i>i</i>
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,500.00	N/J
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$62.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/#
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/#
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	N/A	N/#
Sub-total	\$190,150.00	\$171,780.00	N/A	\$6,805.49	N//

Total for all	\$2,875,231.26	\$2,228,700.07	N/A	\$1,562,865.68	N/A
systems					

Actual Information Description	File Name	
Impact Study	Component Description: Amount:	Cost of LPTV impact study. Supporting documentation is attached. This invoice has been paid. \$500.00
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 WPXJ'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 WPXJ'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

	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
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.

Perform engineering study for new channel assignment and antenna development	Component Description:	Cost of engineering consultant work for new channel assignment ad 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.	
Prepare request for Special Temporary Authorization	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 \$102,987.26	Estimated Cost \$93,882.26	Estimated Cost Justification	Actual Cost \$27,297.26	Actual Cos Justificatio
Expenses	ψ102,307.20	¥33,002.20		<i>¥17,237.20</i>	
Equipment Delivery and Handling Charges	\$23,797.26	\$23,797.26	Please see attached ERI Invoice #WPXJ- 53915, WPXJ- 53726-1. And Comark invoices #12968-A, #12968-C	\$23,797.26	Estimatec cost and sub-total are same amount
MVPD Notification of Channel Change	\$1,000.00	\$1,000.00	N/A	\$1,000.00	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	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
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
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$2,500.00	N/A	\$2,500.00	N/A
Non-zoning permits	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Sub-total	\$102,987.26	\$93,882.26	N/A	\$27,297.26	N/A
Total for all systems	\$2,875,231.26	\$2,228,700.07	N/A	\$1,562,865.68	N/A

Actual Information Description	File Name	
Equipment Delivery and Handling Charges	Component Description:	Freight charges for TFU-8WB antenna. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$5,675.00

Component Description:	Cost of "ship /handle" for main transmitter package. Supporting documentation is attached. \$8,289.14
Component Description:	Cost of "ship /handle" for surge suppressor. Supporting documentation is attached. \$167.51
Component Description: Amount:	Freight associated with air dryer. Supporting documentation is attached. \$371.84
Component Description:	Cost of freight associated with main antenna package. Supporting documentation is attached. \$9,293.77

	Component Description:	Freight and shipping for antenna package components. Supporting documentation and justification of expedited freight is attached. This invoice has been paid. \$1,132.12
	Component Description: Amount:	Freight and shipping for antenna package components. Supporting documentation is attached. \$1,132.12
MVPD Notification of Channel Change	Component Description: Amount:	Cost of MVPD notifications of channel change through Widelity Inc. Supporting documentation attached. \$1,000.00
Develop and air announcement of upcoming channel change	Information not provided.	
Equipment Storage	Information not provided.	
Disposal Costs (for equipment and other waste, net of any salvage value)	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.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
DTV Medical Facility Notification	Component Description:	Cost of medical notifications through Widelity Inc. Supporting documentation attached. \$2,500.00
Non-zoning permits	Information not provided.	

Cost	Grand Total			
Information		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$2,875,231.26	\$2,228,700.07	\$1,562,865.68

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

Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR 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 10/29/2020

Attachments
