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

Federal Communications Commission

(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility ID: **2325** | Service: **DTV** | Call Sign: **WPXJ-TV** | Channel: **24 (UHF)**

File Number: **0000028307**

FRN: **0030297451** | Date Submitted: **11/30/2020**

Applicant Information

Applicant Name, Type, and Contact 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 Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

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

Broadcaster Information and Transition Plan

Question	Response

Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	Relocate from 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 Transmitter

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Millennium
	Year	1999
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	20 kW

Primary Transmitter

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	HPTV-PRLX-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

Primary Transmitter

Other Transmitter Costs

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

	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical Installation for replacement transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	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 Transmitter

Other Transmitter Cost Not Listed

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

Antennas

Section	Question	Response
Antenna Related Expenses	Do you have antenna related expenses?	Yes

Primary Antenna

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	Yes
	Is antenna in operating condition?	Yes
	Is antenna located on or in close proximity to an antenna farm?	No
Existing Antenna Manufacturer and Type	Class	Full Power
	Mounting	Top Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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 Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	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
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels/Bays	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Design power capacity in use	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	500.0 kW
	Manufacturer	

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

Primary Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	
	Type	
	Number of channels supported	N/A
	Frequencies of channels supported	N/A
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	N/A
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	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

Primary Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission Line

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

Primary Transmission Line

Existing Transmission Line

Section	Question	Response
Existing Transmission Line Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing transmission line shared with another station or stations?	No
	Is Transmission Line in operating condition?	Yes
Existing Transmission Line Manufacturer and Type	Manufacturer	
	Type	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1121 feet per run

Primary Transmission Line

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Type	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 Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sweep existing transmission line	Sweep existing transmission line

Tower Equipment And Rigging Costs

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

Primary Tower

Add Tower

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	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 Registration	Do you have a tower registration number?	Yes
	ASR Number	1045315
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	42° 46' 58.0" N-
	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

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	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 (NAD83 (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 Tower

Other Tower Expenses Not Listed

Name	Description
Structural Study	Structural study required by landlord

Outside Professional Services Costs

Section	Question	Response
Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	180
	Explanation	Required by tower landlord
Outside RF consulting Engineering Services	Perform engineering study for new channel assignment and antenna development	Yes
	Prepare engineering section of Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare engineering section of Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	Do you have Distributed Transmission System engineering services?	N/A
	Critical Facility	N/A
	Terrain-Shielded Facility	N/A
Attorney and Other Outside Consulting Services	Prepare and file Form FCC Construction Permit Application	Yes
	For Auxiliary Facility	No
	For Main Facility	Yes
	Prepare and file Form FCC License to Cover Application	Yes
	For Auxiliary Facility	No

	For Main Facility	Yes
	Prepare request for Special Temporary Authority	Yes
	Quantity	1
	NEPA Section 106 environmental review	Yes
	Environmental Assessment	Yes
	ASR Modification	Yes
	FAA Consultation (including preparation of FAA Form 7460)	Yes
	Negotiation of Lease and other Matter for Shared Locations	Yes
	Prepare or Review FCC Form 399 for Reimbursement	Yes
	Address transition timing and coordination issues w/ other stations and wireless providers	Yes
RF Field Engineering Services	Comprehensive coverage verification via field study	Yes
	RF exposure measurements	Yes
	Additional Field Engineering Service	No
	Number of Days	N/A
	Justification	N/A

Outside Professional Services Costs

Other Professional Services Expenses Not Listed

Name	Description
Impact Study	Cost of LPTV Impact Analysis

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	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

Other Expenses Not Listed

Information not provided.

Cost Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter 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 systems	$2,879,151.26	$2,232,620.07	N/A	$1,641,702.35	N/A

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 explanation of variance attached.
	Amount:	$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.
	Amount:	$2,394.00

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

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

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
Primary Antenna ATW23H3-ETO10-24H	**$308,530.00**	**$231,742.00**		**$165,982.90**	
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
Sweep test of existing antenna	$6,730.00	$6,400.00	N/A	$6,250.00	N/A
Sub-total	$308,530.00	$231,742.00	N/A	$165,982.90	N/A
Total for all systems	$2,879,151.26	$2,232,620.07	N/A	$1,641,702.35	N/A

Components

Actual Information Description	File Name	
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.
	Amount:	$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.
	Amount:	$1,474.41
	Component Description:	15% "payment with order" for primary antenna elbow complex. Explanation of variance form and supporting documentation attached. This invoice has been paid.
	Amount:	$1,474.41

	Component Description:	10% "net invoice after proof of performance" for primary elbow complex. Explanation of variance form and supporting documentation is attached.
	Amount:	$982.94
	Component Description:	35% payment "upon manufacturing" for primary antenna elbow complex. Explanation of variance form and supporting documentation attached. This invoice has been paid.
	Amount:	$3,440.29
	Component Description:	35% payment "upon manufacturing" for primary antenna elbow complex. Explanation of variance form and supporting documentation attached. This invoice has been paid.
	Amount:	$3,440.29
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 invoice has been paid.
Amount:	$51,143.22
Component Description:	40% "invoiced prior to shipment" of primary antenna. Explanation of variance form and supporting documentation is attached.
Amount:	$58,449.40
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:	35% payment "upon manufacturing" for primary antenna. Explanation of variance form and supporting documentation attached. This invoice has been paid.
Amount:	$51,143.22
Component Description:	Cost to supply and install new LED beacon on top of antenna. Supporting documentation is attached.
Amount:	$3,780.00
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:	10% "net invoice after proof of performance" of primary antenna. Explanation of variance form and supporting documentation is attached.
Amount:	$14,612.35

Sweep test of existing antenna	**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.
	Amount:	$2,187.50
	Component Description:	40% "invoiced prior to shipment" for repack sweep operations. Explanation of variance form and supporting documentation is attached.
	Amount:	$2,500.00
	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.
	Amount:	$937.50

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.
Amount:	$625.00
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.
Amount:	$2,187.50
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.
Amount:	$937.50

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	**$220,520.00**	**$144,924.80**		**$96,595.69**	
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
Sweep existing transmission line	***$6,400.00***	$6,400.00	N/A	N/A	N/A
Sub-total	$220,520.00	$144,924.80	N/A	$96,595.69	N/A
Total for all systems	$2,879,151.26	$2,232,620.07	N/A	$1,641,702.35	N/A

Components

Actual Information Description	File Name
Rigid Transmission Line - copper, 6 1/8"	

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.
Amount:	$36,963.10
Component Description:	50% "deposit with order" for air dryer. Supporting documentation is attached.
Amount:	$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.
Amount:	$13,861.16

	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 line baseline quote.
	Amount:	$32,342.71
	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.
	Amount:	$9,240.78
	Component Description:	"Balance due prior to shipping" payment for air dryer. Supporting documentation is attached.
	Amount:	$2,093.97
Sweep existing transmission line	Information not provided.	

Cost Information

Tower Equipment and Rigging Costs

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Tower TOWER	**$625,800.00**	**$387,760.01**		**$281,500.01**	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	$421,000.00	$253,850.01	Cost for tower services. Please see attached Northeast Towers Quote #SSJR-19-0410-02B. One penny adjustment for rounding.	$253,850.01	N/A
Structural analysis	***$20,500.00***	$20,500.00	Cost for structural analysis. Please see 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.	$20,500.00	N/A

Minor tower reinforcement /modifications	$158,000.00	$100,000.00	N/A	N/A	N/A
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
Primary Tower TOWER	**$214,420.00**	**$278,670.00**		**$278,670.00**	
Structural Study	***$3,920.00***	$3,920.00	Amount charged by landlord for structural study	$3,920.00	N/A
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	$274,750.00	N/A
Sub-total	$840,220.00	$666,430.01	N/A	$560,170.01	N/A
Total for all systems	$2,879,151.26	$2,232,620.07	N/A	$1,641,702.35	N/A

Components

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

Structural analysis	**Component Description:**	Cost for structural analysis. Supporting documentation is attached. This invoice has been paid.
	Amount:	$13,500.00
	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
Minor tower reinforcement /modifications	Information not provided.	

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 invoice has been paid.
	Amount:	$3,500.00
	Component Description:	Cost of tower mapping. Supporting documentation is attached.
	Amount:	$3,650.00
Structural Study	**Component Description:**	Cost of structural study required by landlord. Supporting documentation is attached.
	Amount:	$3,920.00
Tall Tower (greater than 500')	**Component Description:**	Balance 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 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.
Amount:	$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

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	**$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
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
Prepare request for Special Temporary Authorization	$2,050.00	$1,500.00	N/A	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	$3,155.00	$3,000.00	N/A	$1,500.00	N/A
Perform engineering study for new channel assignment and antenna development	$7,360.00	$7,000.00	N/A	$62.50	N/A
Address transition timing and coordination issues w/ other stations and wireless	$2,630.00	$2,500.00	N/A	N/A	N/A
Prepare and or review reimbursement form	$2,630.00	$2,500.00	N/A	N/A	N/A

Project management of the transition	$28,440.00	$18,530.00	See AT Exhibit for more information.	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 lin item. ION is only requesting reimburseme for Invoice Dated 5/1 /2018.
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	$1,580.00	$1,500.00	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
Comprehensive coverage verification via field study, if needed	$84,200.00	$80,000.00	N/A	N/A	N/A
RF Exposure Measurements	$21,050.00	$20,000.00	N/A	N/A	N/A
Sub-total	$190,150.00	$171,780.00	N/A	$6,805.49	N/A
Total for all systems	$2,879,151.26	$2,232,620.07	N/A	$1,641,702.35	N/A

Components

Actual Information Description	File Name
Impact Study	**Component Description:** Cost of LPTV impact study. Supporting documentation is attached. This invoice has been paid. **Amount:** $500.00
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.
Prepare request for Special Temporary Authorization	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. $1,500.00
Perform engineering study for new channel assignment and antenna development	**Component Description:** **Amount:**	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.	
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
Amount:	$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.
Amount:	$4,837.97

	Component Description: **Amount:**	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
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.	
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.	
Comprehensive coverage verification via field study, if needed	Information not provided.	
RF Exposure Measurements	Information not provided.	

Cost Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cos Justificati
Other Expenses	**$102,987.26**	**$93,882.26**		**$27,297.26**	
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
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

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
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
Sub-total	$102,987.26	$93,882.26	N/A	$27,297.26	N/A
Total for all systems	$2,879,151.26	$2,232,620.07	N/A	$1,641,702.35	N/A

Components

Actual Information Description	File Name
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.
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.	
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
DTV Medical Facility Notification	**Component Description:** **Amount:**	Cost of medical notifications through Widelity Inc. Supporting documentation attached. $2,500.00
Equipment Delivery and Handling Charges	**Component Description:** **Amount:** **Component Description:** **Amount:**	Freight charges for TFU-8WB antenna. Supporting documentation is attached. This invoice has been paid. $5,675.00 Cost of "ship /handle" for main transmitter package. Supporting documentation is attached. $8,289.14

Component Description:	Freight associated with air dryer. Supporting documentation is attached.
Amount:	$371.84
Component Description:	Cost of freight associated with main antenna package. Supporting documentation is attached.
Amount:	$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.
Amount:	$1,132.12
Component Description:	Freight and shipping for antenna package components. Supporting documentation is attached.
Amount:	$1,132.12

	Component Description:	Cost of "ship /handle" for surge suppressor. Supporting documentation is attached.
	Amount:	$167.51
MVPD Notification of Channel Change	**Component Description:**	Cost of MVPD notifications of channel change through Widelity Inc. Supporting documentation attached.
	Amount:	$1,000.00

Cost Information

Grand Total

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	$2,879,151.26	$2,232,620.07	$1,641,702.35

Reimbursement Status

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

Certification

Section	Question	Response
Submission of Estimated Expenses Statements	WILLFUL FALSE STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT.	
	1. The Authorized Person signing below certifies that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 3. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.	

4. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (broadcasters) or to continue to carry the signal of a broadcaster that changes channels (MVPD).
5. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
6. The above-named entity certifies that it will maintain and provide to the Commission detailed records, including receipts, of all costs eligible for reimbursement actually incurred.
7. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.

	8. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a pre-requisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Mario Vasquez** *Vice President - Finance, Operations* 11/30/2020

Certification

Section	Question	Response
Submission of Actual Cost Documentation Statements	WILLFUL FALSE, FRAUDULENT, OR FICTITIOUS STATEMENTS ON THIS FORM ARE PUNISHABLE BY FINE AND /OR IMPRISIONMENT (U.S. CODE, TITLE 18, SECTION 1001), AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. CODE, TITLE 47, SECTION 312(a)(1), AND/OR FORFEITURE (U.S. CODE, TITLE 47, SECTION 503), AND ANY FALSE AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
	1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. 2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct. 3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.	

4. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount.
5. The above-named entity certifies that the equipment and services paid for with money from the TV Broadcaster Relocation Fund are necessary to change channels (full power and Class A stations) and/or otherwise modify a television station’s facility as a result of the spectrum repack (LPTV/TV Translator stations); or to minimize service disruption resulting from a repacked television station (FM stations); or to continue to carry the signal of a broadcaster that changes channels (MVPD) .
6. The above-named entity certifies that all payments from the TV Broadcaster Relocation Fund (Fund) received by the entity listed on this form will be used only for expenses that are eligible for reimbursement from the Fund.
7. The above-named entity certifies that the cost information /documents submitted reflect costs actually incurred.

	8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission. 9. The above-named entity certifies that it is in full compliance with all statutes, rules, regulations and governmental requirements for which compliance is a prerequisite for obtaining the payments herein requested.	
	I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.	**Mario Vasquez** *Vice President - Finance, Operations* 11/30/2020

Attachments