

Federal Communications Commission

# (REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility	136750	Service: DTV	Call	WZRB	Channel: 25 (UHF)
ID:			Sign:		
File	000002	8354			
Number:					
FRN: <b>00</b>	03720042	Date	06/05		
		Submitted:	/2020		

### Applicant Name, Type, and Contact Information

### Applicant Information

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

#### Reimbursement Contact Name and Information Reimbursement Contact Information

Applicant	Address	Phone	Email
[Confidential]			

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

Broadcaster	Question
Information	
and	
Transition	
Plan	

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.	No
Briefly describe transition plan	Install and operate from interim antenna on pre repack channel utilizing current non retunable transmitter. Replace current top mount antenna, transmission line and transmitter for operation on post repack channel.

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

Primary	Existing Transmitter Infor	sting 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	DCX			
		Year	1997			
		Туре	Inductive Output Tube			
		IOT Power Type	Two			
		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	MPTV- PRLX-U4
		Transmitter Type	Solid State
		Solid State Cooling	Liquid Cooled
		Solid State Power capacity	6.5 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	
	Switc Trans Powe	Service Entrance (3 phases 800A 208V)	No	
		Switchgear (industrial 800 amp)	No	
		Transformer (480V)	No	
		Power	N/A	
		Rigid Conduit and Wiring	No	
		Size	N/A	

	Length	N/A
	Other Electrical Service	Yes
	Description	Electrical Installation for replacement transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Туре	Cooling Only
	Size	5 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leashold improvement?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

# Primary Other Transmitter Cost Not Listed

Transmitter	Name	Description	
	RF Interconnect	Interconnect between RF System and transmission line	
	Removal of Existing Equipment	Removal of existing transmitters and equipment / Site Prep	

Antennas Section		Question	Response
Antenna 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	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)	240.0 kW	

Manufacturer	
Model	TFU- 22GTH-R 4BP300
Year	1997

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
New Antenna Manufacturer and Types		Will antenna be located on or in close proximity to an antenna farm?	No
		Class	Full Power
	Manufacturer and Types	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)	155.0 kW
		Manufacturer	
			1

Model	ATW16H3- ETPX-25H
Year	2018
Justification for New Antenna	Current slot antenna cannot be re- channeled

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	4 1/16 inches inches	
	Side Mount Brackets	Do you require the separate purchase of side mount brackets for a high power antenna?	No	
	Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No	
	Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes	

### **Other Antenna Costs**

# PrimaryOther Antenna Cost Not ListedAntennaInformation not provided.

Interim	New Antenna Costs		
Antenna	Section	Question	Response
	New Antenna Description	Use	Interim
		Description of Use	N/A
		Change Type	Purchase New
		Ownership	Owned
		Owner	N/A
		Is antenna shared?	No
		Is antenna directional?	Yes
		Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type		Class	Full Power
	Mounting	Side Mount	
	Antenna position in stack	Not in Stack	
		Polarization	Horizontal
		Туре	Broadband Slot
		Number of Stations Supported	1
		Number of Panels/Bays	8
		Lower Limit	470.00 MHz
		Upper Limit	698.00 MHz
		Design power capacity in use	25.0 %
		Other Antenna Type	N/A
		ERP: (Effective Radiated Power)	31.0 kW
		Manufacturer	
		Model	TFU-8WB- 1-R
		Year	2017

to complete move to new
new

Interim	Other Antenna Costs			
Antenna	Section	Question	Response	
	Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes	
		Broadband or Single Channel?	S	
		Feed Line Size	4 1/16 inches	
	Side Mount Brackets	Do you require the separate purchase of side mount brackets for an antenna?	No	
	Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	No	
	Sweep Test	Do you require the sweep testing of transmission line and antenna?	Yes	

# Interim Other Antenna Cost Not Listed

Antenna

Name	Description
Interim Antenna Rent	Amount charged by tower landlord for placing interim antenna

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
	Existing Transmission	Is the existing transmission line shared with another station or stations?	No
		Is Transmission Line in operating condition?	Yes
		Manufacturer	
Type	Line Manufacturer and Type	Туре	Rigid
		Diameter	4 1/16 inches
		Other Diameter	N/A
		Segment Length	20 inches
		Other Segment Length	N/A
		Number of parallel runs	1
		Length	570 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?	No	
		Туре	Rigid	
		Diameter	4 1/16 inches	
		Other Diameter	N/A	
		Segment Length	19 1/2 inches	
		Other Segment Length	N/A	
		Number of parallel runs	1	
		Length	590 feet per run	
		Justification for New Transmission Line	See attached Transmission Line Exhibit	

Primary	Other Transmission Line Expenses Not Listed	
Transmissic	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

marv	Existing	Tower
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Primary Tower	Existing 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?	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	1044529	
	Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	34° 02' 39.0" N-	
		Longitude (NAD83)	080° 59' 50.0" W-	
		Overall Structure Height	550.19 feet	
		Support Structure Height	501.96 feet	
		Ground Elevation Above Mean Sea Level (AMSL)	379.92 feet	

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Roberts Tower Company II, LLC
Date Constructed	04/20/1988

# 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?	Yes

Primary Tower	Other Tower Expenses Not Listed		
	Name	Description	
	Structural Study	Structural analysis required after tower mapping completed	

Outside Professional	Section	Question	Response
	Services Costs Outside Project Management Services	Do you require outside project management services?	No
		Number of Hours	N/A
		Explanation	N/A
	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

Other Professional Services Expenses Not Listed Professional Services roopstsided.

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

Other Expenses	Name	Description
	Sales Tax paid directly to State	Sales tax for repack purchases not charged by vendors, that ION paid directly to S.C. Department of Revenue

### 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 Cost
Description	Cost Estimate	Cost	Justification	Actual Cost	Justification
Primary Transmitter MPTV-PRLX- U4	\$368,750.00	\$332,251.76		\$246,016.76	
Other Electrical Service: Electrical Installation for replacement transmitter	\$25,000.00	\$25,000.00	N/A	\$8,015.00	N/A
RF Interconnect	\$25,000.00	\$25,000.00	N/A	\$0.00	N/A
Removal of Existing Equipment	\$25,000.00	\$25,000.00	N/A	\$0.00	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	\$273,500.00	\$238,001.76	See attached Hitachi Comark Quote #P3488PRLXU4- 020118-R1. See attached Hitachi Comark Quote #P3488R3- WZRB	\$238,001.76	N/A
Sub-total	\$368,750.00	\$332,251.76	N/A	\$246,016.76	N/A
Total for all systems	\$1,447,982.11	\$1,374,747.77	N/A	\$994,707.88	N/A

# Components

Description	File Name	
Other Electrical Service: Electrical Installation for replacement transmitter	Component Description:	Cost to install new breakers and electrical equipment for transmitter installation. Supporting documentation is attached. \$8,015.00
RF Interconnect	Information not provided.	
Removal of Existing Equipment	Information not provided.	
5 Ton system	Information not provided.	

UHF - Liquid Cooled Solid State Transmitter 4.9 . 6.5 kW	Component Description: Amount:	30% "deposit" payment for Comark Transmitter. Supporting documentation attached. \$66,212.64
	Component Description:	Cost of additional equipment for transmitter. Supporting documentation is attached. This invoice has been paid. \$17,292.96
	Component Description:	20% "due upon proof of performance" payment for transmitter. Supporting documentation is attached. \$44,141.76
	Component Description: Amount:	50% "progress" payment on Comark transmitter. Supporting documentation attached. \$110,354.40

# 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
Interim Antenna TFU-8WB-1- R	\$91,225.00	\$90,988.00		\$90,988.00	
Interim Antenna Rent	\$30,000.00	\$30,000.00	Please see EIP Communications 632439 (Roberts 2)_FE ION Temporary Site License_8. 20.19	\$30,000.00	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$9,663.00	Please see attached Dielectric Quote #900069CMZ WZRB ION INTERIM.	\$9,663.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 31 kW input, directional,, horizontally polarized	\$44,925.00	\$44,925.00	Please see attached Dielectric Quote #900069CMZ WZRB ION INTERIM.	\$44,925.00	N/A
Primary Antenna ATW16H3- ETPX-25H	\$305,800.00	\$184,188.00		\$121,745.46	

Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$9,100.00	N/A	\$5,794.46	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,250.00	N/A
UHF - High Power Top Mount (200- 1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$168,688.00	V-Pol cost not included in reimbursement request	\$109,701.00	N/A
Sub-total	\$397,025.00	\$275,176.00	N/A	\$212,733.46	N/A
Total for all systems	\$1,447,982.11	\$1,374,747.77	N/A	\$994,707.88	N/A

# Components

Actual Information	
Description	File Name

Interim Antenna Rent		
	Component Description:	Cost charged by landlord for placement of interim antenna on broadcast tower. Supporting documentation and cover letter attached. This one time payment has been made.
	Amount:	\$30,000.00
Elbow complex, single channel, at antenna input,		
per 4 1/16. feedline (if needed)	Component Description:	Cost of reducer for interim antenna package. Supporting documentation is attached.
	Amount:	\$1,463.00
	Component Description:	Cost of interim elbow complex. Supporting documentation is attached.
	Amount:	\$8,200.00
Sweep test of existing antenna		
	Component Description:	Cost of sweep for interim operations. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$6,400.00

UHF - High Power, Side Mount, basic slot antenna, 8 bay,, 31 kW input, directional,, horizontally polarized	Component Description: Amount:	Cost of interim antenna. Supporting documentation is attached. \$44,925.00
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Component Description:	10% "invoice after proof of performance" payment for primary elbow complex. Explanation of variance form and supporting documentation is attached. \$579.45
	Component Description:	35% "upon mfg" payment for primary elbow complex. Explanation of variance form and supporting documentation is attached. This invoice has been paid. \$2,028.06

	Component Description:	40% "invoiced prior to shipment"
		payment for
		primary elbow
		complex.
		Explanation of
		variance form and
		supporting documentation is
		attached.
	Amount:	\$2,317.78
	Component Description:	15% "payment with
		order" payment for primary elbow
		complex.
		Explanation of
		variance form and
		supporting
		documentation
		attached. This invoice has been
		paid.
	Amount:	
	Amount:	\$869.17
Sweep test of existing	Amount:	\$869.17
Sweep test of existing antenna	Amount: Component Description:	\$869.17 10% "invoice after
		\$869.17 10% "invoice after proof of
		\$869.17 10% "invoice after proof of performance"
		\$869.17 10% "invoice after proof of
		\$869.17 10% "invoice after proof of performance" payment for repack
		\$869.17 10% "invoice after proof of performance" payment for repack sweep of primary antenna operations.
		\$869.17 10% "invoice after proof of performance" payment for repack sweep of primary antenna operations. Explanation of
		\$869.17 10% "invoice after proof of performance" payment for repack sweep of primary antenna operations. Explanation of variance form and
		\$869.17 10% "invoice after proof of performance" payment for repack sweep of primary antenna operations. Explanation of
		\$869.17 10% "invoice after proof of performance" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting
		\$869.17 10% "invoice after proof of performance" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation is
	Component Description:	\$869.17 10% "invoice after proof of performance" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation is attached.
	Component Description:	\$869.17 10% "invoice after proof of performance" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation is attached.
	Component Description:	\$869.17 10% "invoice after proof of performance" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation is attached.
	Component Description:	\$869.17 10% "invoice after proof of performance" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation is attached.

	Component Description:	35% "upon mfg" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation is attached. This invoice has been paid. \$2,187.50
	Component Description:	40% "invoiced prior to shipment" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation is attached. \$2,500.00
	Component Description:	15% "payment with order" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid. \$937.50
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically		

station anten or circularly polarized

Component Description:	10% "invoice after proof of performance" payment for primary antenna and mounts. Explanation of variance form and supporting documentation is attached. \$10,970.10
Component Description:	35% "upon mfg" payment for primary antenna and mounts. Explanation of variance form and supporting documentation is attached. This invoice has been paid. \$38,395.35
Component Description:	40% "invoiced prior to shipment" payment for primary antenna and mounts. Explanation of variance form and supporting documentation is attached. \$43,880.40

Component Description:	15% "payment with order" payment for primary antenna. Explanation of variance form and supporting documentation attached. This invoice has been paid.
Amount:	\$16,455.15

# **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	\$90,180.00	\$83,672.90		\$72,790.24	
Sweep existing transmission line	\$6,400.00	\$6,400.00	N/A	N/A	N/A
Rigid Transmission Line - copper, 4 1 /16"	\$83,780.00	\$77,272.90	N/A	\$72,790.24	N/A
Sub-total	\$90,180.00	\$83,672.90	N/A	\$72,790.24	N/A
Total for all systems	\$1,447,982.11	\$1,374,747.77	N/A	\$994,707.88	N/A

### Components

Actual Information Description	File Name	
Sweep existing transmission line	Information not provided.	
Rigid Transmission Line - copper, 4 1/16"	Component Description:	50% "payment with order" for air dryer. Supporting documentation is attached.
	Amount:	\$1,127.95

Component Description: Amount:	Cost of Flanged Step Reducer. Supporting documentation is attached. This invoice has been paid. \$579.40
Component Description:	10% "invoice after proof of performance" payment for primary transmission line. Explanation of variance form and supporting documentation is attached. \$6,995.49
Component Description:	35% "upon mfg" payment for primary transmission line. Explanation of variance form and supporting documentation is attached. This invoice has been paid. \$24,484.23
Component Description: Amount:	"Balance due prior to shipment" payment for air dryer. Supporting documentation is attached. \$1,127.95

Component Description:	40% "invoiced prior to shipment" payment for primary transmission line. Explanation of variance form and supporting documentation is
Amount:	attached. \$27,981.98
Component Description:	15% "payment with order" payment for primary
	transmission line. Explanation of variance form and supporting
	Explanation of variance form and

## **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 Cos Justificatio
Primary Tower TOWER	\$319,300.00	\$428,985.00		\$428,985.00	
Structural Study	\$22,500.00	\$22,500.00	Please see attached Vertical Bridge Quote #051818 and Elevated Structural Quote WZRB. Please also see attached Elevated Structural Invoice #274 for additional stress ratio analysis.	\$22,500.00	N/A
Tall Tower (greater than 500')	\$210,500.00	\$342,485.00	Proposed cost for tower service. Please see attached Worldwide Communications Quote #S-19- 937. Please see attached Worldwide Communications Quote #S-19- 966.	\$342,485.00	N/A
Tower Helicopter Lift	\$60,000.00	\$60,000.00	Please see attached Worldwide Communications Quote S-19-955 WZRB.	\$60,000.00	N/A

Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$4,000.00	***System Notice: Estimate adjusted and locked because line has been superseded.***	\$4,000.00	N/A
Sub-total	\$319,300.00	\$428,985.00	N/A	\$428,985.00	N/A
Total for all systems	\$1,447,982.11	\$1,374,747.77	N/A	\$994,707.88	N/A

## Components

Actual Information Description	File Name	
Structural Study		
	Component Description:	Cost to perform additional stress ratio analysis. Supporting documentation is attached. This invoice has been paid. \$1,000.00
	Component Description:	Cost to review rigging plan. Supporting documentation is attached.
	Amount:	\$4,000.00

Component Description:	Cost of structural analysis. Supporting documentation is attached. This invoice has been paid. \$2,500.00
Component Description:	Cost of tower mapping analysis. Supporting documentation attached. This invoice has been paid. \$4,000.00
Component Description:	Cost of tower structural study. Supporting documentation attached. This invoice has been paid. \$7,000.00
Component Description:	Cost of structural study. Supporting documentation attached. This invoice has been paid. \$4,000.00

500')	Component Description:	75% "deposit" fo
		tower service.
		Supporting
		documentation
		attached. This
		invoice has beer
		paid.
	Amount:	\$229,113.75
	Component Description:	Cost to Plumb a
		Tension 500 foo
		tower for tower
		rigging. Supporti
		documentation is
		attached. This
		invoice has beer paid.
	Amount:	\$17,000.00
	Component Description:	25% "balance du
		for tower service
		Supporting documentation
		attached. This
		invoice has beer
		paid.
	Amount:	\$76,371.25
	Component Description:	Security Deposit
	Component Booonprioni	for Future Towe
		Service.
		Supporting
		documentation
		attached.
	Amount:	\$20,000.00

Component Description:	Cost of helicopter services to remove TV antenna from top of tower and install a new antenna. Supporting documentation is attached. \$60,000.00
Component Description:	Cost of tower mapping analysis. Supporting documentation attached. This invoice has been paid.
	Amount:

## **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	\$161,210.00	\$152,750.00		\$1,500.00	
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	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), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A	N/A

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,500.00	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	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
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Sub-total	\$161,210.00	\$152,750.00	N/A	\$1,500.00	N/A
Total for all systems	\$1,447,982.11	\$1,374,747.77	N/A	\$994,707.88	N/A

# Components

Actual Information Description	File Name
RF Exposure Measurements	Information not provided.
Comprehensive coverage verification via field study, if needed	Information not provided.

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	Information not provided.
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 RF consultant preparation of engineering section of FCC
	Amount:	Form 2100. Hour supporting documentation attached. This invoice has been paid. \$1,500.00
Perform engineering study for new channel assignment and antenna development	Information not provided.	
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.	
Prepare and or review reimbursement form	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 Cost Justification
Other Expenses	\$111,517.11	\$101,912.11		\$32,682.42	
Sales Tax paid directly to State	\$20,657.81	\$20,657.81	Please see Columbia WZRB Sales Tax Repack Spreadsheet	\$18,013.12	N/A
MVPD Notification of Channel Change	\$500.00	\$500.00	N/A	\$500.00	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
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
DTV Medical Facility Notification	\$11,550.00	\$2,000.00	N/A	\$2,000.00	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	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
Equipment Delivery and Handling Charges	\$12,169.30	\$12,169.30	This is what ION was billed for delivery of interim and main antennas by the antenna manufacturers.	\$12,169.30	N/A
Sub-total	\$111,517.11	\$101,912.11	N/A	\$32,682.42	N/A
Total for all systems	\$1,447,982.11	\$1,374,747.77	N/A	\$994,707.88	N/A

# Components

Actual Information	
Description	File Name

Component Description:	Sales tax paid directly to SC Department of Revenue for repack equipment. Supporting documentation, explanation of variance, and cove letter attached. This one time payment has been made.
Amount:	\$2,300.40
Component Description:	Sales tax paid directly to SC Department of Revenue for repact equipment. Supporting documentation, explanation of variance, and cove letter attached. This one time payment has been made. \$5,252.87
Component Description:	Sales tax paid directly to SC Department of Revenue for repack equipment. Supporting documentation, explanation of variance, and cove letter attached. This one time payment has been made. \$10,459.85

Sales Tax paid directly to

State

Channel Change	Component Description:	Cost of MVPD notifications for channel change. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$500.00
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.	
Non-zoning permits	Information not provided.	
Local Zoning	Information not provided.	
FCC Filing Fees - Special Temporary Authorization request	Information not provided.	
DTV Medical Facility Notification	Component Description:	Cost of medical notifications for channel change. Supporting documentation is attached. This invoice has been paid. \$2,000.00
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.	
FCC Filing Fees - Form 2100 license to cover application	Information not provided.	

Component Description:	Cost of freight for main antenna package. Supporting documentation is attached. This invoice has been paid. \$9,473.05
Amount.	φ9,473.00
Component Description:	Cost of freight for
	interim antenna package.
	Supporting
	documentation is
	attached.
Amount:	\$2,696.25
	Amount: Component Description:

Cost Information	Grand Total				
		Predetermined Cost Estimate	Estimated Cost	Actual Cost	
	Total for all systems	\$1,447,982.11	\$1,374,747.77	\$994,707.88	

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.	
		<ol> <li>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.</li> <li>The above-named entity acknowledges that all certifications and attached documentation are</li> </ol>	
		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 nameo	are, under penalty of perjury, that I am horized representative of the above- d applicant for the Authorization(s) red above.	Mario Vasquez Vice President - Finance, Operations 06/05/2020

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).	
		<ol> <li>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.</li> </ol>	
		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 06/05/2020

## Attachments

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