



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **51980** | Service: **DTV** | Call **WHPX-TV** | Channel: **28 (UHF)** |
ID: | Sign:
File **0000028444**
Number:
FRN: **0030297451** | Date **09/16**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
INYO BROADCAST LICENSES LLC Doing Business As: INYO BROADCAST LICENSES LLC	Michelle Brester 3110 W California Avenue, Suite C Salt Lake City, UT 84104 United States	+1 (435) 414- 1338	mbrester@inyotv. com	Limited Liability Company

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
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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 #1237074 to ASR #1041624. Replace non-retunable transmitter, install top mounted antenna and transmission line to operate on post-repack channel. Helicopter will be required. No interim facilities needed.

Transmitters

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

**Auxiliary
Transmitter****Add Transmitter Information**

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Auxiliary (Backup)
	Description of Use	Auxiliary (Backup)
	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	DCX
	Year	2003
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	20 kW

**Auxiliary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Auxiliary (Backup)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	HPTV- PRLX-U8
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	13 kW
	Justification for New Transmitter	See attached Transmitter Exhibits. See attached Transmitter Upgrade Disclaimer.

**Auxiliary
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	Installation of auxiliary transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	No
	Type	N/A
	Size	N/A
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold 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

Auxiliary Transmitter

Other Transmitter Cost Not Listed

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

**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	7k Series
	Year	2010
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	10 kW

**Primary
Transmitter**

New Transmitter Costs

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	HPTV-PRLX-U16
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	27.5 kW
	Justification for New Transmitter	See attached document "Nx7000 Series in Repack".

**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	Heating and Cooling
	Size	Other
	Other Size	9 tons
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	400.0 square feet
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

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

Antennas

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

**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	Top
	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)	475.0 kW

Manufacturer	
Model	TFU-31JTT- T 3BP250
Year	2002

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?	Yes
	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	TFU-21ETT /VP-R C170
Year	2019
Justification for New Antenna	Current slot antenna cannot be re-channelled

Primary Antenna

Other Antenna Costs

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

Primary Antenna	Other Antenna Cost Not Listed Information not provided.
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**Interim
Antenna**

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	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)	55.0 kW
	Manufacturer	
	Model	TFU-WB-8
	Year	2017

	Justification for New Antenna	Interim antenna needed to complete move to new channel
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Interim Antenna

Other Antenna Costs

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

Interim Antenna

Other Antenna Cost Not Listed

Information not provided.

Transmission 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	6 1/8 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1367 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?	No
	Type	Rigid
	Diameter	6 1/8 inches
	Other Diameter	N/A
	Segment Length	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1400 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?	Candelabra
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Yes
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1041624
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	41° 42' 13.0" N-
	Longitude (NAD83)	072° 49' 55.0" W-
	Overall Structure Height	1338.89 feet
	Support Structure Height	1291.98 feet
	Ground Elevation Above Mean Sea Level (AMSL)	709.97 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Communications Site Management, LLC
Date Constructed	09/01/1984

**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
147	WTIC-TV	DTV
14050	WCCT-TV	DTV
13602	WEDH	DTV
13595	WEDY	DTV
1910	WRCH	FM
1900	WZMX	FM
62175	WJMJ	FM
66465	WTIC-FM	FM

**Primary
Tower**

Tower Modification Costs

Section	Question	Response
Engineering Study	Please what type of engineering study is required, if any:	Study needed for tower with candelabra
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	Candelabra
Helicopter Services Required	Are helicopter services required?	Yes

**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

**Primary
Tower****Existing Tower**

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	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	1237074
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	41° 25' 03.7" N-
	Longitude (NAD83)	072° 11' 53.2" W-
	Overall Structure Height	1205.04 feet
	Support Structure Height	1088.90 feet
	Ground Elevation Above Mean Sea Level (AMSL)	304.79 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.
	Date Constructed	11/07/2002

**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**

Services provided.

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

Name	Description
LPTV Impact Analysis	Analysis on nearby LPTV stations.
Pickup of antenna equipment	Cost for contractor to pickup antenna equipment from vendor.

**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- U16	\$1,084,251.72	\$633,464.72		\$570,376.87	
Removal of Existing Equipment	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
RF Interconnect	<i>\$25,000.00</i>	\$25,000.00	N/A	\$11,912.15	N/A
Other -- Building Addition Size: 400.0	<i>\$27,368.92</i>	\$27,368.92	Please see D'Amato Construction Quote #03, D'Amato Core Drill Proposal WHPX, and D'Amato Snow Shield Proposal	\$27,368.92	N/A
Other -- HVAC Service Type: H Size:9 (Other)	<i>\$34,882.80</i>	\$34,882.80	Supply and install three (3) 3-ton HVAC systems. Please see attached Modern Mechanical Systems, Inc. Quote dated 11-29- 2018. Cost estimate includes sales tax.	\$34,882.80	N/A

Other Electrical Service: Electrical Installation for replacement transmitter	\$25,000.00	\$25,000.00	N/A	N/A	N/A
UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW	\$947,000.00	\$496,213.00	399 approved amount for primary transmitter. 399 approved model (U12) was subsequently changed by ION to order a U14 model and then changed again to order a U16 model. Please see attached Hitachi Comark Primary Transmitter Quotes.	\$496,213.00	N/A
Auxiliary Transmitter HPTV-PRLX- U8	\$634,754.00	\$411,825.00		\$361,825.00	
Removal of Existing Equipment	\$25,000.00	\$25,000.00	N/A	N/A	N/A
RF Interconnect	\$25,000.00	\$25,000.00	N/A	N/A	N/A

Other Electrical Service: Installation of auxiliary transmitter	\$90,254.00	\$90,254.00	Cost of electrical installation on transmitter by Eastside Electric, Inc. Please see attached Eastside Electric Quote #118093.	\$90,254.00	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$271,571.00	See attached ION - WHPX Transmitter Purchase Exhibit (Pages 1, 5-7).	\$271,571.00	N/A
Sub-total	\$1,719,005.72	\$1,045,289.72	N/A	\$932,201.87	N/A
Total for all systems	\$3,530,337.46	\$2,697,267.94	N/A	\$2,257,038.22	N/A

Components

Actual Information	
Description	File Name
Removal of Existing Equipment	Information not provided.

RF Interconnect

Component Description:

Cost to install interconnect pieces for WHPX main transmitter. Supporting documentation is attached.

Amount:

\$8,751.00

Component Description:

Parts to connect transmitter to transmitter line. Supporting documentation is attached.

Amount:

\$3,161.15

Other -- Building Addition
Size: 400.0

Component Description: Cost to cover transmission line building penetration points. Supporting documentation attached. Invoice has been paid.

Amount: \$257.36

Component Description: Cost to renovate transmitter building for enlarged space requirements. Supporting documentation is attached. This invoice has been paid.

Amount: \$20,394.66

Component Description: Cost of fencing around heat exchangers to facilitate filter cleaning. Supporting documentation is attached. This invoice has been paid.

Amount: \$2,888.90

Component Description: Cost to extend snow shield over heat exchangers. Supporting documentation is attached. This invoice has been paid.

Amount: \$3,828.00

<p>Other -- HVAC Service Type: H Size:9 (Other)</p>	<table> <tr> <td data-bbox="702 174 1114 488"> <p>Component Description:</p> </td><td data-bbox="1114 174 1426 488"> <p>Cost to supply and install three (3) 3-ton HVAC systems. Supporting documentation is attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="702 488 1114 584"> <p>Amount:</p> </td><td data-bbox="1114 488 1426 584"> <p>\$34,882.80</p> </td></tr> </table>	<p>Component Description:</p>	<p>Cost to supply and install three (3) 3-ton HVAC systems. Supporting documentation is attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$34,882.80</p>				
<p>Component Description:</p>	<p>Cost to supply and install three (3) 3-ton HVAC systems. Supporting documentation is attached. This invoice has been paid.</p>								
<p>Amount:</p>	<p>\$34,882.80</p>								
<p>Other Electrical Service: Electrical Installation for replacement transmitter</p>	<p>Information not provided.</p>								
<p>UHF - Liquid Cooled Solid State Transmitter 21 - 31 kW</p>	<table> <tr> <td data-bbox="702 815 1114 1294"> <p>Component Description:</p> </td><td data-bbox="1114 815 1426 1294"> <p>Cover letter and explanation of variance form attached. 20% Progress Payment for 20kW FCC approved reimbursable transmitter size. Supporting documentation attached.</p> </td></tr> <tr> <td data-bbox="702 1294 1114 1413"> <p>Amount:</p> </td><td data-bbox="1114 1294 1426 1413"> <p>\$99,242.60</p> </td></tr> <tr> <td data-bbox="702 1413 1114 1877"> <p>Component Description:</p> </td><td data-bbox="1114 1413 1426 1877"> <p>30% "deposit" payment for Comark Transmitter. Explanation of variance and supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="702 1877 1114 2134"> <p>Amount:</p> </td><td data-bbox="1114 1877 1426 2134"> <p>\$148,863.90</p> </td></tr> </table>	<p>Component Description:</p>	<p>Cover letter and explanation of variance form attached. 20% Progress Payment for 20kW FCC approved reimbursable transmitter size. Supporting documentation attached.</p>	<p>Amount:</p>	<p>\$99,242.60</p>	<p>Component Description:</p>	<p>30% "deposit" payment for Comark Transmitter. Explanation of variance and supporting documentation attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$148,863.90</p>
<p>Component Description:</p>	<p>Cover letter and explanation of variance form attached. 20% Progress Payment for 20kW FCC approved reimbursable transmitter size. Supporting documentation attached.</p>								
<p>Amount:</p>	<p>\$99,242.60</p>								
<p>Component Description:</p>	<p>30% "deposit" payment for Comark Transmitter. Explanation of variance and supporting documentation attached. This invoice has been paid.</p>								
<p>Amount:</p>	<p>\$148,863.90</p>								

Component Description:	Downward adjustment for previous reimbursement request.
Amount:	(\$266,030.00)

Component Description:	50% "progress" payment for Comark Transmitter. Explanation of variance and supporting documentation attached. This invoice has been paid.
Amount:	\$248,106.50

Component Description:	Downward adjustment for previous reimbursement request.
Amount:	(\$159,618.00)

Component Description:	50% "progress" payment on Comark transmitter. Supporting documentation attached.
Amount:	\$266,030.00

	<p>Component Description: 30% "deposit" payment for Comark Transmitter. Supporting documentation attached. This invoice has been paid.</p> <p>Amount: \$159,618.00</p>
Removal of Existing Equipment	Information not provided.
RF Interconnect	Information not provided.
Other Electrical Service: Installation of auxiliary transmitter	<p>Component Description: 60% payment for electrical installation for transmitter. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$54,152.40</p> <p>Component Description: 10% balance payment for electrical installation for transmitter. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$9,025.40</p>

Component Description:	30% progress payment for electrical installation for transmitter. Supporting documentation is attached. This invoice has been paid.
Amount:	\$27,076.20

Component Description:	10% balance payment for electrical installation for transmitter. Supporting documentation is attached. This invoice has been paid.
Amount:	\$9,025.40

Component Description:	10% balance payment for electrical installation for transmitter. Supporting documentation is attached. This invoice has been paid.
Amount:	\$9,025.40

UHF - Liquid Cooled Solid
State Transmitter 8.2 - 13
kW

Component Description:

20% "upon proof of performance" payment for 10kw FCC approved auxiliary transmitter. Cover letter, explanation of variance, and supporting documentation is attached. This invoice has been paid.

Amount:

\$54,314.20

Component Description:

30% "deposit due with order" and 50% "due within 60 days of order" (80% total) payment for 10kw FCC approved auxiliary transmitter. Cover letter, explanation of variance, and supporting documentation is attached.

Amount:

\$217,256.80

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Interim Antenna TFU-WB-8	\$105,700.00	\$83,593.00		\$52,726.50	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$7,193.00	N/A	\$7,801.50	Actual Cost of interim elbow complex and interim antenna transformer greater than estimated cost.
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	\$89,400.00	\$70,000.00	The estimated cost has been re-entered due to a technical error with the LMS form. Per FCC procedure, we have re-entered the original cost estimate that ties to our original submission while the technical issue is resolved.	\$44,925.00	Per reviewer's request, we are re-submitting the following invoices due to technical error within LMS.

Primary Antenna TFU-21ETT /VP-R C170	\$308,530.00	\$272,288.00		\$227,231.00	
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,700.00	N/A	\$10,298.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$6,400.00	N/A
UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized	\$289,500.00	\$254,188.00	V-Pol cost not included in reimbursement request. Please also see attached Dielectric Change Order dated 1-10-2019.	\$210,533.00	N/A
Sub-total	\$414,230.00	\$355,881.00	N/A	\$279,957.50	N/A
Total for all systems	\$3,530,337.46	\$2,697,267.94	N/A	\$2,257,038.22	N/A

Components

Actual Information	
Description	File Name
Sweep test of existing antenna	Information not provided.
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	

Component Description:

Per reviewer's request, we are re-submitting the following invoice due to technical error: 10% "after install" payment for interim antenna transformer. Supporting documentation attached. This invoice has been paid.

Amount:

\$368.55

Component Description:

Per reviewer's request, we are re-submitting the following invoice due to technical error: 45% "prior to ship" payment for interim elbow complex. Supporting documentation attached. This invoice has been paid.

Amount:

\$1,852.20

Component Description:

Per reviewer's request, we are re-submitting the following invoice due to technical error: 45% "prior to ship" payment for interim antenna transformer. Supporting documentation attached. This invoice has been paid.

Amount:

\$1,658.47

Component Description:

Per reviewer's request, we are re-submitting the following invoice due to technical error: 45% "down payment" for interim elbow complex. Supporting documentation attached. This invoice has been paid.

Amount:

\$1,852.20

Component Description:	Per reviewer's request, we are re-submitting the following invoice due to technical error: 10% "after install" payment for interim elbow complex. Supporting documentation attached. This invoice has been paid.
Amount:	\$411.60

Component Description:	Per reviewer's request, we are re-submitting the following invoice due to technical error: 45% "down payment" for interim antenna transformer. Supporting documentation attached. This invoice has been paid.
Amount:	\$1,658.48

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

Component Description:

Per reviewer's request, we are re-submitting the following invoice due to technical error: 45% "prior to ship" payment for interim antenna. Supporting documentation attached. This invoice has been paid.

Amount:

\$20,216.25

Component Description:

Per reviewer's request, we are re-submitting the following invoice due to technical error: 45% "down payment" for interim antenna. Supporting documentation attached. This invoice has been paid.

Amount:

\$20,216.25

Component Description:

Per reviewer's request, we are re-submitting the following invoice due to technical error: 10% "remaining balance" payment for interim antenna. Supporting documentation attached. This invoice has been paid.

Amount:

\$4,492.50

Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)

Component Description:

65% "prior to ship" payment for primary elbow complex. Explanation of variance form and supporting documentation attached. This invoice has been paid.

Amount:

\$6,693.70

Component Description:

10% "after repack sweep" payment for primary elbow complex. Supporting documentation attached. This invoice has been paid.

Amount:

\$1,029.80

Component Description:

25% deposit payment for primary elbow complex. Explanation of variance form & supporting documentation attached. This invoice has been paid.

Amount:

\$2,574.50

<p>Sweep test of existing antenna</p>	<table> <tr> <td data-bbox="708 174 1015 210">Component Description:</td><td data-bbox="1150 174 1377 645"> <p>65% "prior to ship" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 656 815 692">Amount:</td><td data-bbox="1150 656 1267 692">\$4,160.00</td></tr> <tr> <td data-bbox="708 792 1015 828">Component Description:</td><td data-bbox="1150 792 1377 1263"> <p>25% deposit payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 1274 815 1310">Amount:</td><td data-bbox="1150 1274 1267 1310">\$1,600.00</td></tr> <tr> <td data-bbox="708 1411 1015 1447">Component Description:</td><td data-bbox="1150 1411 1377 1800"> <p>10% "after repack sweep" payment for repack sweep of primary antenna operations. Supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 1812 815 1848">Amount:</td><td data-bbox="1150 1812 1246 1848">\$640.00</td></tr> </table>	Component Description:	<p>65% "prior to ship" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p>	Amount:	\$4,160.00	Component Description:	<p>25% deposit payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p>	Amount:	\$1,600.00	Component Description:	<p>10% "after repack sweep" payment for repack sweep of primary antenna operations. Supporting documentation attached. This invoice has been paid.</p>	Amount:	\$640.00
Component Description:	<p>65% "prior to ship" payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p>												
Amount:	\$4,160.00												
Component Description:	<p>25% deposit payment for repack sweep of primary antenna operations. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p>												
Amount:	\$1,600.00												
Component Description:	<p>10% "after repack sweep" payment for repack sweep of primary antenna operations. Supporting documentation attached. This invoice has been paid.</p>												
Amount:	\$640.00												
<p>UHF - High Power Top Mount (200-1000 kW), One station antenna , elliptically or circularly polarized</p>													

Component Description:	65% "prior to ship" payment for primary antenna. Explanation of variance form and supporting documentation attached. This invoice has been paid.
Amount:	\$123,898.45

Component Description:	10% "after repack sweep" payment for primary antenna. Explanation of variance form and supporting documentation attached. This invoice has been paid.
Amount:	\$29,061.30

Component Description:	Cost of antenna mounting adapter plate. Supporting documentation is attached. This invoice has been paid.
Amount:	\$9,920.00

Component Description:

25% deposit
payment for
primary antenna.
Explanation of
variance form and
supporting
documentation
attached. This
invoice has been
paid.

Amount:

\$47,653.25

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	\$289,200.00	\$218,763.00		\$187,887.50	
Rigid Transmission Line - copper, 6 1/8"	\$282,800.00	\$212,363.00	N/A	\$187,887.50	N/A
Sweep existing transmission line	<i>\$6,400.00</i>	\$6,400.00	N/A	N/A	N/A
Sub-total	\$289,200.00	\$218,763.00	N/A	\$187,887.50	N/A
Total for all systems	\$3,530,337.46	\$2,697,267.94	N/A	\$2,257,038.22	N/A

Components

Actual Information	
Description	File Name
Rigid Transmission Line - copper, 6 1/8"	<div><div>Component Description:</div><div>10% after sweep payment for cut pieces of transmission line. Supporting documentation attached. Invoice has been paid.</div><div>Amount:</div><div>\$130.20</div></div>

Component Description:	10% after sweep payment for cut pieces of transmission line. Supporting documentation attached. Invoice has been paid.
Amount:	\$130.20

Component Description:	Cost of additional transmission line equipment. Supporting documentation attached. Invoice has been paid.
Amount:	\$207.00

Component Description:	65% "prior to ship" payment for primary transmission line. Supporting documentation attached. This invoice has been paid.
Amount:	\$115,221.93

Component Description:	65% "prior to ship" payment for transmission line cut pieces. Supporting documentation attached. This invoice has been paid.
Amount:	\$6,770.40

Component Description:	10% after sweep payment for cut pieces of transmission line. Supporting documentation attached. Invoice has been paid.
Amount:	\$130.20

Component Description:	10% after sweep payment for cut pieces of transmission line. Supporting documentation attached. Invoice has been paid.
Amount:	\$260.40

Component Description:	10% after sweep payment for cut pieces of transmission line. Supporting documentation attached. Invoice has been paid.
Amount:	\$260.40

Component Description:	65% "prior to ship" payment for primary transmission line. Supporting documentation attached. This invoice has been paid.
Amount:	\$17,726.44

	<div data-bbox="710 159 1353 548"> <p>Component Description: 25% deposit payment for primary transmission line. Supporting documentation attached. This invoice has been paid.</p> <p>Amount: \$44,316.13</p> </div> <div data-bbox="710 658 1353 1003"> <p>Component Description: 10% after sweep payment for cut pieces of transmission line. Supporting documentation attached. Invoice has been paid.</p> <p>Amount: \$130.20</p> </div> <div data-bbox="710 1113 1353 1503"> <p>Component Description: 25% deposit payment for transmission line cut pieces. Supporting documentation attached. This invoice has been paid.</p> <p>Amount: \$2,604.00</p> </div>
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	\$599,000.00	\$524,712.50		\$524,712.50	
Tower Helicopter Lift	<i>\$0.00</i>	\$0.00	A helicopter was used to install antenna, but was not itemized in the quote from Turris Engineering.	N/A	N/A
Structural engineering tower load study for a documented tower with candelabra	\$20,000.00	\$12,800.00	Cost for structural analysis work from Turris Engineering Inc. Please see attached quote #18-0443.	\$12,800.00	N/A
Minor tower reinforcement /modifications	\$158,000.00	\$9,800.00	Please see Turris 18-1387 Plumb and Tension WHPX	\$9,800.00	N/A

Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$502,112.50	Cost for Tower Rigging services from Turris Engineering Inc. Please see attached quote #18-0780. Cost estimate also includes weather delays from Turris Engineering	\$502,112.50	N/A
Primary Tower TOWER	\$214,420.00	\$284,614.98		\$284,614.98	
Structural Study	\$3,920.00	\$3,920.00	Structural study required by tower landlord.	\$3,920.00	N/A

Tall Tower (greater than 500')	\$210,500.00	\$280,694.98	Please see GTI Antenna Removal Quote Q20- 06-019 WHPX and additional work quoted on 1/29/21 plus weather delay costs. \$50,000 deposit for NE towers was applied to tower work, but NE towers was managed by Turris Engineering as required by landlord.	\$280,694.98	N/A
Sub-total	\$813,420.00	\$809,327.48	N/A	\$809,327.48	N/A
Total for all systems	\$3,530,337.46	\$2,697,267.94	N/A	\$2,257,038.22	N/A

Components

Actual Information	
Description	File Name
Tower Helicopter Lift	Information not provided.

<p>Structural engineering tower load study for a documented tower with candelabra</p>	<table> <tr> <td data-bbox="708 98 1107 501"> <p>Component Description:</p> </td><td data-bbox="1139 98 1428 501"> <p>50% deposit payment for tower structural study. Supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 501 1107 568"> <p>Amount:</p> </td><td data-bbox="1139 501 1428 568"> <p>\$6,400.00</p> </td></tr> <tr> <td data-bbox="708 568 1107 1039"> <p>Component Description:</p> </td><td data-bbox="1139 568 1428 1039"> <p>50% remaining balance payment for tower structural study. Supporting documentation is attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 1039 1107 1106"> <p>Amount:</p> </td><td data-bbox="1139 1039 1428 1106"> <p>\$6,400.00</p> </td></tr> </table>	<p>Component Description:</p>	<p>50% deposit payment for tower structural study. Supporting documentation attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$6,400.00</p>	<p>Component Description:</p>	<p>50% remaining balance payment for tower structural study. Supporting documentation is attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$6,400.00</p>
<p>Component Description:</p>	<p>50% deposit payment for tower structural study. Supporting documentation attached. This invoice has been paid.</p>								
<p>Amount:</p>	<p>\$6,400.00</p>								
<p>Component Description:</p>	<p>50% remaining balance payment for tower structural study. Supporting documentation is attached. This invoice has been paid.</p>								
<p>Amount:</p>	<p>\$6,400.00</p>								
<p>Minor tower reinforcement /modifications</p>	<table> <tr> <td data-bbox="708 1039 1107 1487"> <p>Component Description:</p> </td><td data-bbox="1139 1039 1428 1487"> <p>Cost to plum and tension tower as a result of structural analysis. Supporting documentation is attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 1487 1107 1576"> <p>Amount:</p> </td><td data-bbox="1139 1487 1428 1576"> <p>\$9,800.00</p> </td></tr> </table>	<p>Component Description:</p>	<p>Cost to plum and tension tower as a result of structural analysis. Supporting documentation is attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$9,800.00</p>				
<p>Component Description:</p>	<p>Cost to plum and tension tower as a result of structural analysis. Supporting documentation is attached. This invoice has been paid.</p>								
<p>Amount:</p>	<p>\$9,800.00</p>								
<p>Complex Tower (includes, for example, those with candelabras and/or stacked antennas)</p>									

Component Description:	Cost for downtime for tower crew due to 7 days bad weather days during the month of February, 2019. Supporting documentation is attached. This invoice has been paid.
Amount:	\$21,850.00

Component Description:	10% "upon mobilization" plus 15% "when materials are ready to be shipped" (25% total) payment for tower service. Supporting documentation is attached. This invoice has been paid.
Amount:	\$105,825.00

Component Description:	Cost for project insurance for tower service. Supporting documentation is attached. This invoice has been paid.
Amount:	\$18,150.00

Component Description:	25% "down payment" for tower service. Supporting documentation attached. This invoice has been paid.
Amount:	\$105,825.00

Component Description:	10% "Antenna is installed" payment for tower service. Supporting documentation is attached. This invoice has been paid.
Amount:	\$42,330.00

Component Description:	ION's share of weather delays during tower services. Supporting documentation attached. Invoice has been paid.
Amount:	\$862.50

Component Description:	Cost for downtime for tower crew due to 5 days bad weather days during the month of March, 2019. Supporting documentation is attached. This invoice has been paid.
Amount:	\$14,950.00

Component Description:	10% "completion and acceptance" payment for tower services. Supporting documentation is attached.
Amount:	\$42,330.00

Component Description:	Cost of weather delays during tower services for May 2019. Supporting documentation is attached. This invoice has been paid.
Amount:	\$2,300.00

Component Description:	Cost for downtime for tower crew due to bad weather days during the month of April, 2019. Supporting documentation is attached. This invoice has been paid.
Amount:	\$20,700.00

Component Description:	Cost for downtime for tower crew due to bad weather days during the month of April, 2019. Supporting documentation is attached.
Amount:	\$20,700.00

	<p>Component Description:</p> <p>10% "upon mobilization of tower field crew" plus 20% "in progress payments during field installation" (30% total) payment for tower service. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$126,990.00</p>
Structural Study	<p>Component Description:</p> <p>Cost of tower structural study required by landlord. Supporting documentation attached. Invoice has been paid.</p> <p>Amount:</p> <p>\$3,920.00</p>
Tall Tower (greater than 500')	<p>Component Description:</p> <p>Cost of additional work and weather delays during equipment removal. Supporting documentation attached. Invoice has been paid.</p> <p>Amount:</p> <p>\$76,244.98</p>

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

Component Description:

25% "deposit" for tower services to remove pre-repack equipment. Supporting documentation and explanation of variance are attached.

Amount:

\$38,612.50

Component Description:

75% balance due payment for tower removal work. Supporting documentation attached. Invoice has been paid.

Amount:

\$115,837.50

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	\$189,650.00	\$171,280.00		\$6,305.49	
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
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	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	\$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
Sub-total	\$189,650.00	\$171,280.00	N/A	\$6,305.49	N/A
Total for all systems	\$3,530,337.46	\$2,697,267.94	N/A	\$2,257,038.22	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.

<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="710 168 1013 212">Component Description:</td><td data-bbox="1149 168 1412 448">WHPX's share of legal costs for repack work. Supporting documentation attached. Invoice has been paid.</td></tr> <tr> <td data-bbox="710 448 1013 492">Amount:</td><td data-bbox="1149 448 1412 492">\$4,742.99</td></tr> <tr> <td data-bbox="710 582 1013 627">Component Description:</td><td data-bbox="1149 582 1412 1142">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.</td></tr> <tr> <td data-bbox="710 1142 1013 1187">Amount:</td><td data-bbox="1149 1142 1412 1187">\$4,837.97</td></tr> </table>	Component Description:	WHPX's share of legal costs for repack work. Supporting documentation attached. Invoice has been paid.	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:	WHPX's share of legal costs for repack work. Supporting documentation attached. Invoice has been paid.								
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								
<p>Prepare request for Special Temporary Authorization</p>	<p>Information not provided.</p>								
<p>Prepare engineering section of FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>								

Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<p>Component Description:</p> <p>Cost of engineering consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$1,500.00</p>
Perform engineering study for new channel assignment and antenna development	<p>Component Description:</p> <p>Cost of engineering study for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$62.50</p>
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.

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 Cost Justification
Other Expenses	\$104,831.74	\$96,726.74		\$41,358.38	
Equipment Delivery and Handling Charges	<i>\$16,184.09</i>	\$16,184.09	Actual cost paid to vendors to ship and deliver repack equipment.	\$16,184.09	Sub-total and estimated costs are equal.
Pickup of antenna equipment	<i>\$6,658.76</i>	\$6,658.76	Cost for contractor to pickup antenna equipment from vendor warehouse.	\$6,658.76	N/A
LPTV Impact Analysis	<i>\$500.00</i>	\$500.00	Engineering study for impact on nearby LPTV stations.	\$500.00	N/A
MVPD Notification of Channel Change	<i>\$1,400.00</i>	\$1,400.00	N/A	\$1,400.00	N/A
Develop and air announcement of upcoming channel change	<i>\$0.00</i>	\$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	\$11,898.89	\$11,898.89	Cost to store equipment before installation.	\$11,898.89	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	\$3,500.00	N/A	\$3,500.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$15,000.00	\$15,000.00	N/A	\$1,216.64	N/A
Sub-total	\$104,831.74	\$96,726.74	N/A	\$41,358.38	N/A
Total for all systems	\$3,530,337.46	\$2,697,267.94	N/A	\$2,257,038.22	N/A

Components

Actual Information Description	File Name
Equipment Delivery and Handling Charges	

Component Description:	Cost of freight for transmission line equipment. Supporting documentation attached. Invoice has been paid.
Amount:	\$533.41

Component Description:	Cost of freight for transmission line equipment. Supporting documentation attached. Invoice has been paid.
Amount:	\$483.98

Component Description:	Cost of freight for transmission line equipment. Supporting documentation attached. Invoice has been paid.
Amount:	\$2,073.28

Component Description:	Per FCC instruction, this invoice is being submitted in another cost section.
Amount:	N/A

Component Description:	Cost of labor to deliver antenna equipment. Supporting documentation attached. Invoice has been paid.
Amount:	\$1,580.93

Component Description:	Cost of freight for transmission line equipment. Supporting documentation attached. Invoice has been paid.
Amount:	\$6,500.85

Component Description:	WHPX's share of toll during equipment delivery. Supporting documentation attached. Invoice has been paid.
Amount:	\$25.40

Component Description:	Cost of labor to unload truck at transmitter site. Supporting documentation attached. Invoice has been paid.
Amount:	\$953.42

	<table> <tr> <td data-bbox="708 98 1114 383"> Component Description: </td><td data-bbox="1114 98 1426 383"> Cost of freight for interim antenna. Supporting documentation attached. Invoice has been paid. </td></tr> <tr> <td data-bbox="708 383 1114 472"> Amount: </td><td data-bbox="1114 383 1426 472"> \$2,367.32 </td></tr> <tr> <td data-bbox="708 472 1114 808"> Component Description: </td><td data-bbox="1114 472 1426 808"> Cost of freight for transmission line equipment. Supporting documentation attached. Invoice has been paid. </td></tr> <tr> <td data-bbox="708 808 1114 898"> Amount: </td><td data-bbox="1114 808 1426 898"> \$1,003.08 </td></tr> <tr> <td data-bbox="708 898 1114 1245"> Component Description: </td><td data-bbox="1114 898 1426 1245"> Cost of freight for antenna parts. Supporting documentation is attached. </td></tr> <tr> <td data-bbox="708 1245 1114 1335"> Amount: </td><td data-bbox="1114 1245 1426 1335"> \$662.42 </td></tr> </table>	Component Description:	Cost of freight for interim antenna. Supporting documentation attached. Invoice has been paid.	Amount:	\$2,367.32	Component Description:	Cost of freight for transmission line equipment. Supporting documentation attached. Invoice has been paid.	Amount:	\$1,003.08	Component Description:	Cost of freight for antenna parts. Supporting documentation is attached.	Amount:	\$662.42
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Amount:	\$1,003.08												
Component Description:	Cost of freight for antenna parts. Supporting documentation is attached.												
Amount:	\$662.42												
Pickup of antenna equipment	<table> <tr> <td data-bbox="708 1245 1114 1637"> Component Description: </td><td data-bbox="1114 1245 1426 1637"> Cost for contractor to pickup equipment at vendor site. Supporting documentation attached. Invoice has been paid. </td></tr> <tr> <td data-bbox="708 1637 1114 1731"> Amount: </td><td data-bbox="1114 1637 1426 1731"> \$6,658.76 </td></tr> </table>	Component Description:	Cost for contractor to pickup equipment at vendor site. Supporting documentation attached. Invoice has been paid.	Amount:	\$6,658.76								
Component Description:	Cost for contractor to pickup equipment at vendor site. Supporting documentation attached. Invoice has been paid.												
Amount:	\$6,658.76												

LPTV Impact Analysis	<p>Component Description: Cost of engineering study for impact on nearby LPTV stations. Supporting documentation attached. Invoice has been paid.</p> <p>Amount: \$500.00</p>
MVPD Notification of Channel Change	<p>Component Description: Cost of MVPD notifications of channel change through Widelity Inc. Supporting documentation attached. This invoice has been paid.</p> <p>Amount: \$1,400.00</p> <p>Component Description: Cost of MVPD notifications for channel change. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$1,400.00</p>
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	

Component Description:	Cost to store interim antenna equipment before installation on tower. Supporting documentation attached. Invoice has been paid.
Amount:	\$8,160.00

Component Description:	Cost of onsite storage container rental during repack work. Supporting documentation attached. Invoice has been paid.
Amount:	\$1,016.66

Component Description:	Cost to store main antenna equipment before installation. Supporting documentation attached.
Amount:	\$600.00

Component Description:	Cost of onsite storage container rental during repack work. Supporting documentation attached. Invoice has been paid.
Amount:	\$1,355.55

	<p>Component Description: Cost of onsite storage container rental during repack work. Supporting documentation attached. Invoice has been paid.</p> <p>Amount: \$766.68</p>
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	<p>Component Description: Cost of medical notifications for channel change. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$3,500.00</p> <p>Component Description: Cost of medical notifications through Widelity Inc. Supporting documentation attached. This invoice has been paid.</p> <p>Amount: \$3,500.00</p>

Disposal Costs (for equipment and other waste, net of any salvage value)		
	Component Description:	Cost of dumpster rental during repack work. Supporting documentation attached. Invoice has been paid.
	Amount:	\$467.94
	Component Description:	Cost to remove old glycol fluid from transmitter. Supporting documentation attached. Invoice has been paid.
	Amount:	\$748.70

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,530,337.46	\$2,697,267.94	\$2,257,038.22

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.	Yes
	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	<p>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.</p>	
		<ol style="list-style-type: none"> 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.

<p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Grant Boren <i>Chief Financial Officer</i></p> <p>09/16/2021</p>

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 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 AND/OR FRAUDULENT STATEMENTS COULD SUBJECT THIS ENTITY TO LIABILITY UNDER THE FALSE CLAIMS ACT (U.S. CODE, TITLE 31, SECTIONS 3729-3733).	
		<ol style="list-style-type: none"> 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.

<p>8. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.</p> <p>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.</p>	
<p>I declare, under penalty of perjury, that I am an authorized representative of the above-named applicant for the Authorization(s) specified above.</p>	<p>Grant Boren <i>Chief Financial Officer</i></p> <p>09/16/2021</p>

Certification	Section	Question	Response
	Submission of Final Allocation or Accounting Information Statements	<p>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.</p>	
		<ol style="list-style-type: none"> 1. The Authorized Person signing below certifies and represents that he /she is authorized to submit this TV Broadcaster Relocation Fund Reimbursement Form on behalf of the above-named entity. The above-named entity acknowledges that all certifications and attached documentation are considered material representations. 2. The above-named entity acknowledges the submission of the information herein creates no obligation on the part of the government to pay any amount. 	

3. The above-named entity certifies that all costs identified as "actual costs" herein accurately represent the costs actually paid by the above-named entity, including any discounts, refunds, or rebates.
4. 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.
5. The above-named entity acknowledges that overpayments or payments in error must be promptly refunded to the Commission.
6. 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.

**Grant
Boren**
*Chief
Financial
Officer*

09/16/2021

Attachments