



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **51984** | Service: **DTV** | Call **WPPX-TV** | Channel: **34 (UHF)** |
ID: | Sign:
File **0000028672**
Number:
FRN: **0001808468** | Date **10/12**
Submitted: **/2021**

Applicant Information

Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
ION TELEVISION LICENSE, LLC	601 Clearwater Park Road West Palm Beach, FL 33401 United States	+1 (561) 682- 4110	biancafry@ionmedia. com	Corporation

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

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

Broadcaster Information and Transition Plan

Question	Response
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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 operations from ASR# 1231524 to ASR# 1023152. Install and operate from shared-interim antenna utilizing new transmitter. Build Post-Repack facilities utilizing new side-mount antenna, transmission line, and transmitter.

Transmitters

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

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	Ultimate
	Year	2003
	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?	No
	Manufacturer	
	Model	THU9-10 EVO
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	15.5 kW
	Justification for New Transmitter	See attached Ultimate and Optimum Transmitter Exhibit.

**Primary
Transmitter**

Other Transmitter Costs

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

	Other Electrical Service	Yes
	Description	Electrical Installation for replacement transmitter
HVAC Service	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A
Transmitter Building Addition/Modification or Leasehold Improvement	Does the Transmitter Building require an addition, modification, other leasehold improvement?	Yes
	Size	144.0 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
Removal of Existing Equipment	Removal of existing transmitters and equipment / Site Prep
Main Transmitter - Retune	Rechannel transmitter and installation of mask filter on post transition channel
RF Interconnect	Interconnect between RF System and transmission line
Site Preparation	Cost to prepare site for secure offloading of equipment and vehicle access
Mask Filter	New mask filter

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	Bottom
	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)	200.0 kW

Manufacturer	
Model	TFU- 20DSC-R P230
Year	2004

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?	Yes
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	Side 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)	213.0 kW
	Manufacturer	

Model	TFU-20DSC /VP-R P230
Year	2018
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?	Yes
Pattern Scatter Analysis	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
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?	Yes
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	Yes
New Antenna Manufacturer and Type	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Elliptical
	Type	Broadband Slot
	Number of Stations Supported	2
	Number of Panels/Bays	24
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	95.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	210.0 kW
	Manufacturer	
	Model	TFU-WB-24
	Year	2018

	Justification for New Antenna	Shared-interim antenna needed to complete move to new channel.
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Interim Antenna

Other Antenna Costs

Section	Question	Response
Combiner for Shared Antenna	Do you need a Combiner for a Shared Antenna?	Yes
	Type	New
	Number of channels supported	2
	Frequencies of channels supported	RF channel
	Frequency	N/A
	Do you need a combiner output splitter /switcher for dual feed lines?	No
Elbow Complex	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	B
	Feed Line Size	6 1/8 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

Enter a list of RF channel numbers.

RF Channel Number

32

33

34

31

**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	20 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1261 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	1250 feet per run
	Justification for New Transmission Line	See attached Transmission Line Exhibit.

Primary
Transmission Line

Other Transmission Line Expenses Not Listed

Information not provided.

**Interim
Transmission Line**

New Transmission Line

Section	Question	Response
New Transmission Line Costs	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Type	Rigid
	Diameter	6 1/8 inches
	Segment Length	Broadband
	Other Segment Length	
	Number of parallel runs	1
	Length	1225 feet per run
	Justification for New Transmission Line	Broadband Interim Transmission Line needed to combine channels into Shared-Interim Broadband Antenna.

**Interim
Transmission Line**

Other Transmission Line Expenses Not Listed

Name	Description
Troubleshoot and Document Existing Line	Troubleshoot and document existing transmission line between tower and transmitter room

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?	No
	Is this tower currently shared with any other stations?	Yes
	One or more FM, AM or TV radio broadcaster(s)	Yes
	Others Types of Users	No
	Is tower documented for structural analysis?	Unknown
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1023152
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	40° 02' 39.0" N-
	Longitude (NAD83)	075° 14' 25.0" W-
	Overall Structure Height	1116.13 feet
	Support Structure Height	1112.85 feet
	Ground Elevation Above Mean Sea Level (AMSL)	252.29 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	ABC INC DBA = WPVI-TV
	Date Constructed	01/01/1957

**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
8616	WPVI-TV	DTV
12499	WPSG	DTV
25453	KYW-TV	DTV

Primary Tower

Tower Modification Costs

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

Primary Tower

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A

Helicopter Services Required	Are helicopter services required?	No
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**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?	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?	Unknown
	Is tower compliant with Rev G?	No
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1231524
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	40° 02' 30.1" N-
	Longitude (NAD83)	075° 14' 10.1" W-
	Overall Structure Height	1254.91 feet
	Support Structure Height	1124.00 feet
	Ground Elevation Above Mean Sea Level (AMSL)	292.98 feet
	Structure Type	GTOWER - Guyed Structure Used for Communication Purposes

	Tower Owner	Global Tower, LLC. through American Towers, LLC
	Date Constructed	11/02/2011

**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
1283	WDPN-TV	DTV
55305	WTVE	DTV
12211	WPPZ-FM	FM
72278	WPHA-CD	DTV
7623	WGTW-TV	DTV
63153	WCAU	DTV
65190	WRTI	FM
12499	WPSG	DTV
28628	WIP-FM	FM
30572	WPHI-FM	FM
74216	WFPA-CD	DTV
74213	WXTU	FM
9622	WOGL	FM
60560	WUVP-DT	DTV

**Primary
Tower**

Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	Candelabra

Helicopter Services Required	Are helicopter services required?	No
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**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

**Outside
Professional**

Section	Question	Response
Services Costs Outside Project Management Services	Do you require outside project management services?	Yes
	Number of Hours	80
	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	No
	Environmental Assessment	No
	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?	Yes
	Is Remediation needed?	No
Facility Expenses	Name	N/A
	Other Distributed Transmission System Expenses Not listed	N/A
	Name	N/A
	Is Notification of a Medical Facility required as a result of DTV broadcasting?	Yes
Permit and Filing Costs	Local Zoning	Yes
	Non-zoning permits	Yes
	BLM or NFS Coordination	No
	FCC Construction Permit Minor Change	No
	FCC License to Cover Application	Yes
	FCC Special Temporary Authority Application	Yes
Other Miscellaneous Expenses	Does this relocation require paying Disposal Costs (for equipment and other waste, net of any salvage value)?	Yes
	Does this relocation require Equipment Delivery or Handling Charges not otherwise included in individual item costs?	Yes
	Does this relocation require Equipment Storage?	Yes
	Does this relocation require the Development and Airing of an Announcement regarding an upcoming channel change?	Yes
	Does this relocation require MVPD Notification of a Channel Change?	Yes

**Other
Expenses**

Other Expenses Not Listed

Name	Description
Obtain building permits from local zoning authorities	The cost of preparation and submission of the needed forms for permits, on behalf of the three broadcasters for jurisdictional permits, required for electrical, building and required tasks assoc with the install of the the equip in the transmitter spaces
Filing Fee	Cost of filing fee for CP Minor Modification

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 THU9-10 EVO	\$859,433.28	\$560,667.82		\$513,803.59	
Mask Filter	<i>\$37,900.00</i>	\$37,900.00	Please see attached ERI Quote #20190410-185 Rev A Filter WPPX.	\$37,900.00	N/A
Site Preparation	<i>\$3,500.00</i>	\$3,500.00	Cost to prepare site for secure offloading of equipment and vehicle access. Please see Krystopa estimate #6232	\$3,500.00	N/A
RF Interconnect	<i>\$25,000.00</i>	\$25,000.00	N/A	\$14,731.77	N/A
Main Transmitter - Retune	<i>\$18,800.00</i>	\$18,800.00	Please see attached SJ Ramer Associates Quote #1816R and SJ Ramer Filter and TX Retune Quote #19022R.1.	\$18,800.00	N/A

Removal of Existing Equipment	\$25,000.00	\$25,000.00	N/A	\$0.00	N/A
Other -- Building Addition Size: 144.0	\$13,830.00	\$13,830.00	See attached APCON Quote #01 for 12' x 12' (144 sq ft) building addition. And Albarell Electric quotes dated 6/6/19 and 11/8/19	\$13,830.00	N/A
5 Ton system	\$20,250.00	\$19,250.00	N/A	\$7,654.00	N/A
Other Electrical Service: Electrical Installation for replacement transmitter	\$31,153.28	\$31,153.28	Costs for electrical installation for new transmitter in Philadelphia. Please see invoice package Shoreline Electric #2018-T9-1 (Revised) for details.	\$31,153.28	Estimated cost was based on pre-determined cost estimate. Actual cost for transmitter electrical installation greater than estimated cost. In addition, ION is only requesting reimbursement for Shoreline Electric #2018-T9-1 (Revised)
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$386,234.54	See attached Rohde & Schwarz Transmitter Quotes & Breakdown #01	\$386,234.54	Cost of additional components needed for transmitter operation greater than estimated costs.

Sub-total	\$859,433.28	\$560,667.82	N/A	\$513,803.59	N/A
Total for all systems	\$3,335,636.59	\$2,650,167.38	N/A	\$1,693,691.74	N/A

Components

Actual Information	
Description	File Name
Mask Filter	<p>Component Description: 50% deposit payment for mask filter for transmitter. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$18,950.00</p> <p>Component Description: 50% balance payment for mask filter for transmitter. Supporting documentation and explanation of variance attached. This invoice has been paid.</p> <p>Amount: \$18,950.00</p>
Site Preperation	<p>Component Description: Cost to prepare site for secure offloading of equipment and vehicle access. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$3,500.00</p>

RF Interconnect

Component Description:

Cost of switch control cable. Supporting documentation is attached. This invoice has been paid.

Amount:

\$895.00

Component Description:

Cost of Interconnect kit for connection from transmitter to combiner. Supporting documentation attached. This invoice has been paid.

Amount:

\$13,556.77

Component Description:

Cost of RF switch control cable for transmitter. Supporting documentation is attached. This invoice has been paid.

Amount:

\$280.00

Main Transmitter - Retune	<div data-bbox="710 174 1377 526"> <p>Component Description: Cost to rechannel transmitter and installation of mask filter. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$17,050.00</p> </div> <div data-bbox="710 633 1377 1025"> <p>Component Description: Cost to perform site visit to determine scope of work for retune. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$1,750.00</p> </div>
Removal of Existing Equipment	<div data-bbox="710 1167 1377 1556"> <p>Component Description: Full cost of repairing, leveling, and filling entryway at base of tower for secure vehicle entrance. Supporting documentation attached.</p> <p>Amount: \$3,500.00</p> </div>

<p>Other -- Building Addition Size: 144.0</p>	<table> <tr> <td data-bbox="708 174 1018 208">Component Description:</td><td data-bbox="1150 174 1366 483">Cost to install new electric wiring in transmitter suite. Supporting documentation is attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 495 818 528">Amount:</td><td data-bbox="1150 495 1267 528">\$2,075.00</td></tr> <tr> <td data-bbox="708 633 1018 667">Component Description:</td><td data-bbox="1150 633 1374 1021">Cost of concrete pads for placement of heat exchangers next to transmitter building. Supporting documentation attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 1032 818 1066">Amount:</td><td data-bbox="1150 1032 1267 1066">\$9,275.00</td></tr> <tr> <td data-bbox="708 1171 1018 1205">Component Description:</td><td data-bbox="1150 1171 1350 1480">Cost to install lighting in transmitter suite. Supporting documentation is attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 1491 818 1525">Amount:</td><td data-bbox="1150 1491 1267 1525">\$2,480.00</td></tr> </table>	Component Description:	Cost to install new electric wiring in transmitter suite. Supporting documentation is attached. This invoice has been paid.	Amount:	\$2,075.00	Component Description:	Cost of concrete pads for placement of heat exchangers next to transmitter building. Supporting documentation attached. This invoice has been paid.	Amount:	\$9,275.00	Component Description:	Cost to install lighting in transmitter suite. Supporting documentation is attached. This invoice has been paid.	Amount:	\$2,480.00
Component Description:	Cost to install new electric wiring in transmitter suite. Supporting documentation is attached. This invoice has been paid.												
Amount:	\$2,075.00												
Component Description:	Cost of concrete pads for placement of heat exchangers next to transmitter building. Supporting documentation attached. This invoice has been paid.												
Amount:	\$9,275.00												
Component Description:	Cost to install lighting in transmitter suite. Supporting documentation is attached. This invoice has been paid.												
Amount:	\$2,480.00												
<p>5 Ton system</p>	<table> <tr> <td data-bbox="708 1664 1018 1697">Component Description:</td><td data-bbox="1150 1664 1366 1895">Cost to remove HVAC. Supporting documentation is attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 1906 818 1939">Amount:</td><td data-bbox="1150 1906 1267 1939">\$7,654.00</td></tr> </table>	Component Description:	Cost to remove HVAC. Supporting documentation is attached. This invoice has been paid.	Amount:	\$7,654.00								
Component Description:	Cost to remove HVAC. Supporting documentation is attached. This invoice has been paid.												
Amount:	\$7,654.00												

Other Electrical Service: Electrical Installation for replacement transmitter	<div> <div>Component Description:</div> <div>Cost of electrical installation of primary transmitter. Supporting documentation attached. This invoice has been paid. Per reviewer's request, corrected supporting documentation attached.</div> </div> <div> <div>Amount:</div> <div>\$31,153.28</div> </div>
	<div> <div>Component Description:</div> <div>Cost of electrical installation of primary transmitter. Supporting documentation attached. This invoice has been paid. Cost estimate has been updated to reflect actual costs.</div> </div> <div> <div>Amount:</div> <div>\$31,153.28</div> </div>
	<div> <div>Component Description:</div> <div>Cost of electrical installation of primary transmitter. Supporting documentation attached. This invoice has been paid.</div> </div> <div> <div>Amount:</div> <div>\$31,153.28</div> </div>
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	

Component Description:	Cots of additional requested installation material or services and Dielectric parts for the antenna line after switch. Supporting documentation attached. This invoice has been paid.
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Amount:	\$17,804.04
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Component Description:	75% "remaining balance" payment on Rohde & Schwarz transmitter. Supporting documentation attached.
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Amount:	\$268,575.38
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Component Description:	25% "down payment" for Rohde & Schwarz transmitter. Supporting documentation attached. This invoice has been paid.
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Amount:	\$89,525.12
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Component Description:

Cost of expedited
heat exchanger
solution and
installation.
Supporting
documentation
attached. This
invoice has been
paid.
\$10,330.00

Amount:

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-24	\$277,648.00	\$260,258.00		\$184,882.00	
Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)	\$13,700.00	\$10,780.00	See attached Dielectric Quote #700481CMZ.	\$10,374.00	N/A
New combiner, cost per channel (without antenna)	\$84,200.00	\$63,660.00	See attached Dielectric Quote #800055CMZ.	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$12,800.00	See attached Dielectric Quote #700481CMZ.	\$3,520.00	N/A
UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 210 kW input, directional,, elliptically or circularly polarized	<i>\$173,018.00</i>	\$173,018.00	See attached Dielectric Quote #700481CMZ.	\$170,988.00	N/A

Primary Antenna TFU-20DSC /VP-R P230	\$274,440.00	\$193,714.25		\$182,325.50	
Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)	\$5,260.00	\$5,000.00	N/A	N/A	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$16,425.00	See attached Dielectric Quote #45098.	\$10,676.25	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$10,298.00	See attached Dielectric Quote #45098.	\$10,298.00	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	See attached Dielectric Quote #45098.	\$5,760.00	N/A

UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	\$227,000.00	\$155,591.25	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.	\$155,591.25	N/A
Sub-total	\$552,088.00	\$453,972.25	N/A	\$367,207.50	N/A
Total for all systems	\$3,335,636.59	\$2,650,167.38	N/A	\$1,693,691.74	N/A

Components

Actual Information
Description

File Name

<p>Elbow complex, broadband, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="708 98 1107 560"> <p>Component Description:</p> </td><td data-bbox="1107 98 1426 560"> <p>Balance payment for interim elbow complex. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 560 1107 627"> <p>Amount:</p> </td><td data-bbox="1107 560 1426 627"> <p>\$672.00</p> </td></tr> <tr> <td data-bbox="708 694 1107 1052"> <p>Component Description:</p> </td><td data-bbox="1107 694 1426 1052"> <p>45% "down payment" for interim elbow complex. Supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 1052 1107 1120"> <p>Amount:</p> </td><td data-bbox="1107 1052 1426 1120"> <p>\$4,851.00</p> </td></tr> <tr> <td data-bbox="708 1187 1107 1523"> <p>Component Description:</p> </td><td data-bbox="1107 1187 1426 1523"> <p>45% "prior to ship" payment for interim elbow complex. Supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="708 1523 1107 1624"> <p>Amount:</p> </td><td data-bbox="1107 1523 1426 1624"> <p>\$4,851.00</p> </td></tr> </table>	<p>Component Description:</p>	<p>Balance payment for interim elbow complex. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$672.00</p>	<p>Component Description:</p>	<p>45% "down payment" for interim elbow complex. Supporting documentation attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$4,851.00</p>	<p>Component Description:</p>	<p>45% "prior to ship" payment for interim elbow complex. Supporting documentation attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$4,851.00</p>
<p>Component Description:</p>	<p>Balance payment for interim elbow complex. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p>												
<p>Amount:</p>	<p>\$672.00</p>												
<p>Component Description:</p>	<p>45% "down payment" for interim elbow complex. Supporting documentation attached. This invoice has been paid.</p>												
<p>Amount:</p>	<p>\$4,851.00</p>												
<p>Component Description:</p>	<p>45% "prior to ship" payment for interim elbow complex. Supporting documentation attached. This invoice has been paid.</p>												
<p>Amount:</p>	<p>\$4,851.00</p>												
<p>New combiner, cost per channel (without antenna)</p>	<p>Information not provided.</p>												
<p>Sweep test of existing antenna</p>													

Component Description:	Credit for interim antenna sweep. The first 90% of the sweep was paid for on invoices #MAN00105 and #MAN00275.
Amount:	(\$5,760.00)

Component Description:	Credit for 45% of repack sweep. This was previously billed on invoice #MAN00093 but removed on the change order dated 11/15/17.
Amount:	(\$2,880.00)

Component Description:	45% "down payment" for repack sweep of interim operations. Supporting documentation attached. This invoice has been paid.
Amount:	\$2,880.00

Component Description:	This is being submitted in another cost section per FCC instruction.
Amount:	N/A

Component Description:	Cost of repack sweep for interim antenna operation. Supporting documentation is attached. This invoice has been paid.
Amount:	\$6,400.00

Component Description:	45% "prior to ship" payment for repack sweep of interim operations. Supporting documentation attached. This invoice has been paid.
Amount:	\$2,880.00

<p>UHF - High Power, Side Mount, basic slot antenna, 24 bay,, 210 kW input, directional,, elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="703 114 1109 526"> <p>Component Description:</p> </td><td data-bbox="1109 114 1428 526"> <p>Balance payment for interim antenna. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="703 526 1109 593"> <p>Amount:</p> </td><td data-bbox="1109 526 1428 593"> <p>\$15,271.80</p> </td></tr> <tr> <td data-bbox="703 660 1109 974"> <p>Component Description:</p> </td><td data-bbox="1109 660 1428 974"> <p>45% "prior to ship" payment for interim antenna. Supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="703 974 1109 1041"> <p>Amount:</p> </td><td data-bbox="1109 974 1428 1041"> <p>\$77,858.10</p> </td></tr> <tr> <td data-bbox="703 1108 1109 1422"> <p>Component Description:</p> </td><td data-bbox="1109 1108 1428 1422"> <p>45% "down payment" for interim antenna. Supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="703 1422 1109 1489"> <p>Amount:</p> </td><td data-bbox="1109 1422 1428 1489"> <p>\$77,858.10</p> </td></tr> </table>	<p>Component Description:</p>	<p>Balance payment for interim antenna. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$15,271.80</p>	<p>Component Description:</p>	<p>45% "prior to ship" payment for interim antenna. Supporting documentation attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$77,858.10</p>	<p>Component Description:</p>	<p>45% "down payment" for interim antenna. Supporting documentation attached. This invoice has been paid.</p>	<p>Amount:</p>	<p>\$77,858.10</p>
<p>Component Description:</p>	<p>Balance payment for interim antenna. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p>												
<p>Amount:</p>	<p>\$15,271.80</p>												
<p>Component Description:</p>	<p>45% "prior to ship" payment for interim antenna. Supporting documentation attached. This invoice has been paid.</p>												
<p>Amount:</p>	<p>\$77,858.10</p>												
<p>Component Description:</p>	<p>45% "down payment" for interim antenna. Supporting documentation attached. This invoice has been paid.</p>												
<p>Amount:</p>	<p>\$77,858.10</p>												
<p>Pattern scatter analysis for side mount high/med power antennas (if not included in antenna base cost)</p>	<p>Information not provided.</p>												

Side mount brackets for high power antennas (if not included in antenna base cost)	<div><div>Component Description:</div><div>65% "prior to shipment" payment for primary antenna side mount brackets. Explanation of variance form and supporting documentation attached. this invoice has been paid.</div></div> <div><div>Amount:</div><div>\$10,676.25</div></div>
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Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)

Component Description:

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

Amount:

\$2,574.50

Component Description:

65% "prior to shipment" 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 sweep" payment for primary elbow complex. Supporting documentation is attached. This invoice has been paid.

Amount:

\$1,029.80

Sweep test of existing antenna	<div data-bbox="708 174 1426 607"> <p>Component Description: 65% "prior to shipment" payment for repack sweep. Explanation of variance form and supporting documentation attached. this invoice has been paid.</p> <p>Amount: \$4,160.00</p> </div> <div data-bbox="708 712 1426 1144"> <p>Component Description: 25% "deposit" payment for repack sweep. Explanation of variance form and supporting documentation attached. this invoice has been paid.</p> <p>Amount: \$1,600.00</p> </div>
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	<div data-bbox="708 1288 1426 1794"> <p>Component Description: 25% "deposit" payment for primary antenna side mount brackets. Explanation of variance form and supporting documentation attached. this invoice has been paid.</p> <p>Amount: \$4,106.25</p> </div>

Component Description:	25% "deposit" payment for primary antenna. Explanation of variance form and supporting documentation attached. this invoice has been paid.
Amount:	\$37,871.25

Component Description:	10% "after repack sweep" payment for main antenna. Explanation of variance and supporting documentation is attached. This invoice has been paid.
Amount:	\$15,148.50

Component Description:	65% "prior to shipment" payment for primary antenna. Explanation of variance form and supporting documentation attached. this invoice has been paid.
Amount:	\$98,465.25

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
Interim Transmission Line	\$287,182.00	\$198,410.80		\$196,621.89	
Troubleshoot and Document Existing Line	<i>\$2,982.00</i>	\$2,982.00	Cost to document existing line between tower and transmitter to potentially save money purchasing new line	\$2,982.00	N/A
Rigid Transmission Line - copper, 6 1/8" broadband	\$284,200.00	\$195,428.80	See attached Dielectric Quote #700467CMZ.	\$193,639.89	N/A
Primary Transmission Line	\$252,500.00	\$177,575.80		\$142,041.35	
Rigid Transmission Line - copper, 6 1/8"	\$252,500.00	\$177,575.80	See attached Dielectric Quote #45098 (Line Items 4 and 5).	\$142,041.35	N/A
Sub-total	\$539,682.00	\$375,986.60	N/A	\$338,663.24	N/A
Total for all systems	\$3,335,636.59	\$2,650,167.38	N/A	\$1,693,691.74	N/A

Components

Actual Information Description	File Name
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<p>Troubleshoot and Document Existing Line</p>	<table> <tr> <td data-bbox="707 98 1114 600">Component Description:</td><td data-bbox="1145 98 1426 600">Cost to document and troubleshoot existing transmission line for interim operation. Supporting documentation is attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="707 600 1114 703">Amount:</td><td data-bbox="1145 600 1426 703">\$2,982.00</td></tr> </table>	Component Description:	Cost to document and troubleshoot existing transmission line for interim operation. Supporting documentation is attached. This invoice has been paid.	Amount:	\$2,982.00								
Component Description:	Cost to document and troubleshoot existing transmission line for interim operation. Supporting documentation is attached. This invoice has been paid.												
Amount:	\$2,982.00												
<p>Rigid Transmission Line - copper, 6 1/8" broadband</p>	<table> <tr> <td data-bbox="707 703 1114 1070">Component Description:</td><td data-bbox="1145 703 1426 1070">Cost for cut piece of transmission line. Supporting documentation is attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="707 1070 1114 1160">Amount:</td><td data-bbox="1145 1070 1426 1160">\$2,030.00</td></tr> <tr> <td data-bbox="707 1160 1114 1496">Component Description:</td><td data-bbox="1145 1160 1426 1496">Credit for interim transmission line. Supporting documentation is attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="707 1496 1114 1585">Amount:</td><td data-bbox="1145 1496 1426 1585">(\$1,624.00)</td></tr> <tr> <td data-bbox="707 1585 1114 1944">Component Description:</td><td data-bbox="1145 1585 1426 1944">Cost of interim transmission line. Supporting documentation is attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="707 1944 1114 2134">Amount:</td><td data-bbox="1145 1944 1426 2134">\$4,381.48</td></tr> </table>	Component Description:	Cost for cut piece of transmission line. Supporting documentation is attached. This invoice has been paid.	Amount:	\$2,030.00	Component Description:	Credit for interim transmission line. Supporting documentation is attached. This invoice has been paid.	Amount:	(\$1,624.00)	Component Description:	Cost of interim transmission line. Supporting documentation is attached. This invoice has been paid.	Amount:	\$4,381.48
Component Description:	Cost for cut piece of transmission line. Supporting documentation is attached. This invoice has been paid.												
Amount:	\$2,030.00												
Component Description:	Credit for interim transmission line. Supporting documentation is attached. This invoice has been paid.												
Amount:	(\$1,624.00)												
Component Description:	Cost of interim transmission line. Supporting documentation is attached. This invoice has been paid.												
Amount:	\$4,381.48												

	<p>Component Description:</p> <p>45% "prior to ship" payment for interim transmission line. Detailed invoice breakdown and supporting documentation attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$93,969.45</p>	
	<p>Component Description:</p> <p>45% "down payment" for interim transmission line. Detailed invoice breakdown and supporting documentation attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$90,822.96</p>	
	<p>Component Description:</p> <p>Cost for additional pieces of transmission line. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$4,060.00</p>	
Rigid Transmission Line - copper, 6 1/8"	<p>Component Description:</p> <p>10% "after repack sweep" payment for primary transmission line. Supporting documentation attached.</p> <p>Amount:</p> <p>\$15,604.69</p>	

Component Description:	Cost of additional pieces of transmission line. Supporting documentation is attached. This invoice has been paid.
Amount:	\$6,536.90

Component Description:	65% "prior to shipment" payment for primary transmission line cut pieces. Explanation of variance form and supporting documentation attached. this invoice has been paid.
Amount:	\$5,984.06

Component Description:	Credit memo for over-reimbursement due to vendor over-invoicing. Supporting documentation is attached.
Amount:	(\$28,828.12)

Component Description:	25% "deposit" payment for primary transmission line cut pieces. Explanation of variance form and supporting documentation attached. this invoice has been paid.
Amount:	\$2,301.56

Component Description:	65% "prior to shipment" payment for primary transmission line. Explanation of variance form and supporting documentation attached. this invoice has been paid.
Amount:	\$101,430.52

Component Description:	25% "deposit" payment for primary transmission line. Explanation of variance form and supporting documentation attached. this invoice has been paid.
Amount:	\$39,011.74

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 Justification
Primary Tower GTOWER	\$421,000.00	\$92,400.00		\$82,400.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$92,400.00	See attached Vertical Technology Services Quote #17455-PA-REV-1 (Line Item C)	\$82,400.00	
Primary Tower TOWER	\$657,800.00	\$857,350.00		\$293,650.00	
Major tower reinforcement /modifications	\$421,000.00	\$538,700.00	Please see WPVI-KYW Joint Venture Budgetary Estimate_Scripps_RevA	N/A	
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$25,000.00	N/A	N/A	

Tall Tower (greater than 500')	\$210,500.00	\$293,650.00	See attached Vertical Technology Services Quote #17455-PA-REV- 1 (Line Item B) and ESC quote for engineering review. And VTS quote #21097- PA-090121-REV1 for main antenna installation	\$293,650.00
Sub-total	\$1,078,800.00	\$949,750.00	N/A	\$376,050.00
Total for all systems	\$3,335,636.59	\$2,650,167.38	N/A	\$1,693,691.74

Components

Actual Information	
Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Component Description:
	Final progress payment for tower service at ATC Tower. Supporting documentation attached. This invoice has been paid.
	Amount:
	\$52,400.00
	Component Description:
	Progress payment for tower service at ATC Tower. Supporting documentation attached. This invoice has been paid.
	Amount:
	\$30,000.00
Major tower reinforcement /modifications	Information not provided.

Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	Information not provided.	
Tall Tower (greater than 500')	Component Description:	Final progress payment for tower service at ABC Joint Venture tower. Supporting documentation attached.
	Amount:	\$62,800.00
	Component Description:	Cost of engineering review for design drawings. Supporting documentation is attached. This invoice has been paid.
	Amount:	\$850.00
	Component Description:	Down payment for installation of main antenna and transmission line. Supporting documentation is attached.
	Amount:	\$175,000.00

Component Description:	Progress payment for tower service at ABC Joint Venture Tower. Supporting documentation attached. This invoice has been paid.
Amount:	\$5,000.00

Component Description:	Progress payment for tower service at ABC Joint Venture tower. Supporting documentation attached. This invoice has been paid.
Amount:	\$50,000.00

**Cost
Information**

Outside Professional Services

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	A J
Outside Professional Services	\$157,020.00	\$161,750.00		\$11,070.59	
Project management of the transition	\$12,640.00	\$25,000.00	Please see WPVI-KYW Joint Venture Budgetary Estimate_Scripps_RevA	N/A	
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	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	
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	
Attorney Fees - Prepare and File request for Special Temporary Authorization	\$3,680.00	\$3,500.00	N/A	\$1,632.60	

Attorney Fees - Negotiation of lease and other matters for shared locations	\$4,210.00	\$4,000.00	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
Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application	\$5,260.00	\$5,000.00	N/A	\$4,742.99
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	N/A	\$750.00
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	\$1,580.00	\$1,500.00	N/A	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$2,000.00
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	See AT exhibit for more information.	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$1,945.00
Sub-total	\$157,020.00	\$161,750.00	N/A	\$11,070.59
Total for all systems	\$3,335,636.59	\$2,650,167.38	N/A	\$1,693,691.74

Components

Actual Information	
Description	File Name
Project management of the transition	Information not provided.
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.

<p>Attorney Fees - Prepare and File request for Special Temporary Authorization</p>	<table> <tr> <td data-bbox="710 174 1013 212">Component Description:</td><td data-bbox="1149 174 1380 604"> <p>Cost of legal fees related to tolling waivers for repack transition. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="710 616 821 654">Amount:</td><td data-bbox="1149 616 1236 654">\$31.95</td></tr> <tr> <td data-bbox="710 757 1013 795">Component Description:</td><td data-bbox="1149 757 1380 1187"> <p>Cost of legal fees related to filing of modification and tolling applications. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="710 1198 821 1236">Amount:</td><td data-bbox="1149 1198 1252 1236">\$223.65</td></tr> <tr> <td data-bbox="710 1339 1013 1377">Component Description:</td><td data-bbox="1149 1339 1364 1601"> <p>Cost of legal fees related to WPPX's STA. Supporting documentation is attached. These fees have been paid.</p> </td></tr> <tr> <td data-bbox="710 1612 821 1650">Amount:</td><td data-bbox="1149 1612 1268 1650">\$1,377.00</td></tr> </table>	Component Description:	<p>Cost of legal fees related to tolling waivers for repack transition. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p>	Amount:	\$31.95	Component Description:	<p>Cost of legal fees related to filing of modification and tolling applications. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p>	Amount:	\$223.65	Component Description:	<p>Cost of legal fees related to WPPX's STA. Supporting documentation is attached. These fees have been paid.</p>	Amount:	\$1,377.00
Component Description:	<p>Cost of legal fees related to tolling waivers for repack transition. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p>												
Amount:	\$31.95												
Component Description:	<p>Cost of legal fees related to filing of modification and tolling applications. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p>												
Amount:	\$223.65												
Component Description:	<p>Cost of legal fees related to WPPX's STA. Supporting documentation is attached. These fees have been paid.</p>												
Amount:	\$1,377.00												
<p>Attorney Fees - Negotiation of lease and other matters for shared locations</p>	<p>Information not provided.</p>												
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>												

<p>Attorney Fees - Prepare and File FCC Form 2100 (main), Construction Permit Application</p>	<table> <tr> <td data-bbox="711 176 1015 208">Component Description:</td><td data-bbox="1150 176 1374 680"> <p>Invoice for WPPX's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached.</p> </td></tr> <tr> <td data-bbox="711 696 815 723">Amount:</td><td data-bbox="1150 696 1267 723">\$4,742.99</td></tr> </table>	Component Description:	<p>Invoice for WPPX's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached.</p>	Amount:	\$4,742.99
Component Description:	<p>Invoice for WPPX's portion of general repack legal expenses incurred for 42 of the ION repack stations for period 2/1/2017 - 12/15/2017. Payee has corresponded with FCC staff. Hourly supporting documentation and invoice attached.</p>				
Amount:	\$4,742.99				
<p>Prepare request for Special Temporary Authorization</p>	<table> <tr> <td data-bbox="711 835 1015 866">Component Description:</td><td data-bbox="1150 835 1374 1379"> <p>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.</p> </td></tr> <tr> <td data-bbox="711 1395 815 1422">Amount:</td><td data-bbox="1150 1395 1267 1422">\$4,837.97</td></tr> </table>	Component Description:	<p>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.</p>	Amount:	\$4,837.97
Component Description:	<p>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.</p>				
Amount:	\$4,837.97				
<p>Prepare request for Special Temporary Authorization</p>	<table> <tr> <td data-bbox="711 1565 1015 1597">Component Description:</td><td data-bbox="1150 1565 1358 1951"> <p>Cost of RF consultant preparation for special temporary authorization. Hourly supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="711 1966 815 1993">Amount:</td><td data-bbox="1150 1966 1246 1993">\$750.00</td></tr> </table>	Component Description:	<p>Cost of RF consultant preparation for special temporary authorization. Hourly supporting documentation attached. This invoice has been paid.</p>	Amount:	\$750.00
Component Description:	<p>Cost of RF consultant preparation for special temporary authorization. Hourly supporting documentation attached. This invoice has been paid.</p>				
Amount:	\$750.00				

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	<div> <div> Component Description: </div> <div> Cost of RF consultant preparation of engineering section of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$2,000.00 </div>
Prepare and or review reimbursement form	Information not provided.
Address transition timing and coordination issues w/ other stations and wireless	Information not provided.
Perform engineering study for new channel assignment and antenna development	<div> <div> Component Description: </div> <div> Cost of engineering study searching for repack channel alternatives. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$1,500.00 </div> <div> <div> Component Description: </div> <div> Cost of engineering reports for new channel assignment. Line item details included on invoice. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$320.00 </div>

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

Component Description:	Cost of engineering reports for new channel assignment. Line item details included on invoice. This invoice has been paid.
Amount:	\$320.00

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

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	\$148,613.31	\$148,040.71		\$86,896.82	
Filing Fee	<i>\$1,335.00</i>	\$1,335.00	Cost of filing fee for Minor CP Modification	\$1,335.00	N/A
Obtain building permits from local zoning authorities	<i>\$750.00</i>	\$750.00	See AT exhibit for more information.	N/A	N/A
MVPD Notification of Channel Change	<i>\$4,000.00</i>	\$4,000.00	N/A	\$4,000.00	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	<i>\$52,237.77</i>	\$52,237.77	This is the cost WPPX has incurred to store repack equipment before installation	\$52,237.77	Sub-total and estimated cost are equal

Equipment Delivery and Handling Charges	\$15,320.54	\$15,320.54	This is what WPPX has been charged by vendors to deliver repack equipment	\$15,241.65	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Non-zoning permits	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Local Zoning	\$25,000.00	\$25,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
DTV Medical Facility Notification	\$11,550.00	\$11,382.40	N/A	\$11,382.40	N/A

AM Pattern Disturbance -- Impact study	\$7,890.00	\$7,500.00	As required per the Construction Permit Authorization's Waivers /Special Conditions, a proof of performance study shall be conducted to establish that the AM array (WNWR) has not been adversely affected.	\$2,700.00	N/A
Sub-total	\$148,613.31	\$148,040.71	N/A	\$86,896.82	N/A
Total for all systems	\$3,335,636.59	\$2,650,167.38	N/A	\$1,693,691.74	N/A

Components

Actual Information	
Description	File Name
Filing Fee	<p>Component Description: Cost of filing fee for Minor CP Modification. Proof of payment is attached.</p> <p>Amount: \$1,335.00</p>
Obtain building permits from local zoning authorities	Information not provided.

MVPD Notification of Channel Change	<div> <div> Component Description: </div> <div> Cost of MVPD notifications after STA for different power level. Supporting documentation is attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$1,500.00 </div> <div> Component Description: </div> <div> Cost of MVPD notifications for channel change. Supporting documentation is attached. This invoice has been paid. </div> <div> Amount: </div> <div> \$2,500.00 </div>
Develop and air announcement of upcoming channel change	Information not provided.
Equipment Storage	<div> <div> Component Description: </div> <div> Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid. </div> </div> <div> Amount: </div> <div> \$95.18 </div>

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$113.75

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$113.75

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$95.18

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$141.61

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$95.18

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$113.75

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$81.21

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$113.75

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$95.18

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$81.21

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$141.61

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$81.21

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$113.75

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$81.21

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$96.97

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$113.75

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$141.61

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$113.75

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$96.97

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$96.97

Component Description:	Cost of weather delays charges during delivery of onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$275.40

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$113.75

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$141.61

Component Description:	Cost to relocate storage container at transmitter site. Supporting documentation is attached. This invoice has been paid.
Amount:	\$2,000.00

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$81.21

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$113.75

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$95.18

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$113.75

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$81.21

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$81.21

Component Description:	Cost to store main antenna package before tower was ready for installation. Supporting documentation is attached.
Amount:	\$44,970.00

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$81.21

Component Description:	Cost of first month rental, delivery, and return for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$522.66

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$113.75

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$95.18

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$81.21

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$141.61

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$96.97

Component Description:	Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$95.18

Component Description:	Cost of first month rental, delivery, and return for onsite storage unit. Supporting documentation is attached. This invoice has been paid.
Amount:	\$520.08

	<p>Component Description:</p> <p>Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$113.75</p>	
	<p>Component Description:</p> <p>Credit for return of storage container before end of billing period. Supporting documentation is attached.</p> <p>Amount:</p> <p>(\$5.42)</p>	
	<p>Component Description:</p> <p>Cost of one month rental for onsite storage unit. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$96.97</p>	
Equipment Delivery and Handling Charges	<p>Component Description:</p> <p>Cost of freight for additional pieces of interim transmission line. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$521.29</p>	

Component Description:	Cost of freight for interim antenna. Supporting documentation and explanation of variance are attached. This invoice has been paid.
Amount:	\$2,835.00

Component Description:	Balance billing for freight charges. Supporting documentation is attached. This invoice has been paid.
Amount:	\$1,409.21

Component Description:	Cost of freight for additional transmission line equipment. Supporting documentation is attached. This invoice has been paid.
Amount:	\$654.46

Component Description:	Freight charge for cut piece of transmission line. Supporting documentation is attached. This invoice has been paid.
Amount:	\$552.76

	<p>Component Description:</p> <p>Cost of freight and sales tax for delivery of main antenna package. Supporting documentation is attached.</p> <p>Amount:</p> <p>\$8,441.77</p>
	<p>Component Description:</p> <p>Cost of freight for mask filter. Supporting documentation and explanation of variance are attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$827.16</p>
	<p>Component Description:</p> <p>Cost of freight for interim and post operations. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$521.29</p>
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.
Non-zoning permits	Information not provided.
Local Zoning	Information not provided.
FCC Filing Fees - Special Temporary Authorization request	Information not provided.
FCC Filing Fees - Form 2100 license to cover application	Information not provided.

DTV Medical Facility Notification	<div data-bbox="708 174 1426 533"> <p>Component Description: Cost of medical notifications for channel change. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$6,500.00</p> </div> <div data-bbox="708 633 1426 1037"> <p>Component Description: Cost of medical notifications for STA on pre-repack channel. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$4,882.40</p> </div>
AM Pattern Disturbance -- Impact study	<div data-bbox="708 1160 1426 1597"> <p>Component Description: Cost of RF consultant AM Pattern Disturbance - Impact Study. Hourly supporting documentation attached. This invoice has been paid.</p> <p>Amount: \$2,700.00</p> </div>

Cost Information	Grand Total			
		Predetermined Cost Estimate	Estimated Cost	Actual Cost
	Total for all systems	\$3,335,636.59	\$2,650,167.38	\$1,693,691.74

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

Certification	Section	Question	Response
	Submission of Estimated Expenses Statements	<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>Mario Vasquez <i>Vice President - Finance, Operations</i></p> <p>10/12/2021</p>

Attachments