



(REFERENCE COPY - Not for submission)

FCC Form 399: Reimbursement Request

Facility **65074** | Service: **DTV** | Call **WGPX-TV** | Channel: **26 (UHF)** |
ID: | Sign:
File **0000028423**
Number:
FRN: **0030297451** | Date **10/30**
Submitted: **/2019**

Applicant Information

Applicant Name, Type, and Contact Information

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

Reimbursement Contact Information

Reimbursement Contact Name and Information

Applicant	Address	Phone	Email
[Confidential]			

Preparer Contact Information

Preparer Contact Name and Information

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

**Broadcaster
Information
and
Transition
Plan**

Question	Response
Will the station be sharing equipment with another broadcast television station or stations (e.g., a shared antenna, co-location on a tower, use of the same transmitter room, multiple transmitters feeding a combiner, etc.)? If yes, enter the facility ID's of the other stations and click 'prefill' to download those stations' licensing information.	Yes
Briefly describe transition plan	Relocate from ASR #1062557 to ASR #1001558. Replace non-retunable transmitter, install side mounted antenna and transmission line to operate on post-repack channel.

Transmitters

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

**Primary
Transmitter**

Existing Transmitter Information

Section	Question	Response
Existing Transmitter Description	Type of change	Purchase New
	Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is this transmitter currently shared with another station?	No
	Is this transmitter currently in operating condition?	Yes
Existing Transmitter Manufacturer and Type	Manufacturer	
	Model	NV-7500
	Year	2010
	Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power Capacity	7.8 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	MPTV-PRLX-U6
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	10 kW
	Justification for New Transmitter	Rohde & Schwarz 7000 series transmitters are no longer supported. 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	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?	No
	Size	N/A
Channel 14 Costs	Is an RF Consulting Engineer needed?	N/A
	Is a channel 14 Mask Filer needed?	N/A
	Is additional field engineering time needed?	N/A
	Number of Days	N/A

Primary Transmitter

Other Transmitter Cost Not Listed

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

Antennas

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

**Primary
Antenna**

Existing Antenna Information

Section	Question	Response
Existing Antenna Description	Type of change	Purchase New
	Antenna Use	Primary (Main)
	Description of Use	N/A
	Ownership	Owned
	Owner	N/A
	Site	N/A
	Is the existing antenna shared with another station or stations?	No
	Is the existing antenna directional?	No
	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	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Slotted Coaxial
	Number of Stations Supported	N/A
	Number of Panels	N/A
	Design power capacity in use	N/A
	Lower Limit	N/A
	Upper Limit	N/A
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power)	95.0 kW

Manufacturer	
Model	TLP-32A
Year	2006

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	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)	125.0 kW
	Manufacturer	

Model	TFU-18DSC /VP-R C170
Year	2019
Justification for New Antenna	See attached Antenna Exhibit

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.

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	840 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	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	1800 feet per run
	Justification for New Transmission Line	See attached Dielectric Quote #DMS039-2

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?	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?	Yes
	Is tower compliant with Rev G?	Unknown
Existing Tower Structure Registration	Do you have a tower registration number?	Yes
	ASR Number	1001558
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	35° 52' 13.5" N-
	Longitude (NAD83)	079° 50' 24.0" W-
	Overall Structure Height	1889.41 feet
	Support Structure Height	1769.99 feet
	Ground Elevation Above Mean Sea Level (AMSL)	734.90 feet

	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	WFMY Television, LLC
	Date Constructed	02/01/2002

**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
72064	WFMY-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 documented tower
Tower Reinforcements	Please select whether tower reinforcements are needed:	Minor Reinforcements needed

Primary Tower

Tower Rigging Costs

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

Primary
Tower

Other Tower Expenses Not Listed

Name	Description
Structural analysis	Structural analysis

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

Section	Question	Response
Existing Tower Description	Type of change	Move Equipment
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	
	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	1062557
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	36° 14' 54.8" N-
	Longitude (NAD83)	079° 39' 20.1" W-
	Overall Structure Height	809.05 feet
	Support Structure Height	734.90 feet
	Ground Elevation Above Mean Sea Level (AMSL)	740.15 feet
	Structure Type	TOWER - Free Standing or Guyed Structure
	Tower Owner	SpectraSite Communications, LLC. through American Towers, LLC.
	Date Constructed	08/11/2009

**Primary
Tower**

Tower Rigging Costs

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

**Primary
Tower**

Other Tower Expenses Not Listed

Information not provided.

**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 Information not provided.
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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 MPTV-PRLX-U6	\$660,329.16	\$432,637.16		\$329,165.16	
5 Ton system	\$20,250.00	\$19,698.00	Please see attached Piedmont Services Group Quote #Q-07-2019-161919	\$19,698.00	N/A
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	\$494,500.00	\$267,360.00	See attached Hitachi Comark Quote #P3458PRLXU6-011818-R1	\$213,888.00	N/A
RF Interconnect	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Removal of Existing Equipment	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Other Electrical Service: Electrical Installation for replacement transmitter	<i>\$95,579.16</i>	\$95,579.16	Please see attached Custom Electrical Service Quotes for 6-12-2019, 8-2-2019, and 9-17-2019.	\$95,579.16	N/A
Sub-total	\$660,329.16	\$432,637.16	N/A	\$329,165.16	N/A
Total for all systems	\$2,550,168.00	\$1,897,469.31	N/A	\$1,160,901.59	N/A

Components

Actual Information	
Description	File Name
5 Ton system	<p>Component Description: Cost of HVAC installation at transmitter site. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$19,698.00</p>
UHF - Liquid Cooled Solid State Transmitter 8.2 - 13 kW	<p>Component Description: 50% "progress" payment on Comark transmitter. Supporting documentation attached.</p> <p>Amount: \$133,680.00</p> <p>Component Description: 30% "deposit" payment for Comark Transmitter. Supporting documentation attached.</p> <p>Amount: \$80,208.00</p>
RF Interconnect	Information not provided.
Removal of Existing Equipment	Information not provided.

Other Electrical Service:
Electrical Installation for
replacement transmitter

Component Description:

Cost of electrical
work for transmitter
installation.
Supporting
documentation is
attached.

Amount:

\$3,780.56

Component Description:

Cost to furnish and
install electrical for
transmitter.
Supporting
documentation is
attached.

Amount:

\$71,148.88

Component Description:

Cost to furnish and
install surge
protector.
Supporting
documentation is
attached.

Amount:

\$6,665.47

Component Description:

Cost of additional
electrical
installation work.
Supporting
documentation is
attached.

Amount:

\$13,984.25

Cost Information

Antennas

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Antenna TFU-18DSC /VP-R C170	\$122,130.00	\$160,559.50		\$159,919.50	
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$5,760.00	N/A
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	\$103,100.00	\$142,527.00	Cost of UHF-Side Mount Antenna. Cost of VPOL not included. Please see Dielectric Quote #DMS039-2.	\$142,527.00	N/A
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$11,632.50	Cost of Elbow Complex Kit. Please see Dielectric Quote #DMS039-2 and Dielectric Change Order 1697549 7.23.2019.	\$11,632.50	N/A

Sub-total	\$122,130.00	\$160,559.50	N/A	\$159,919.50	N/A
Total for all systems	\$2,550,168.00	\$1,897,469.31	N/A	\$1,160,901.59	N/A

Components

Actual Information	
Description	File Name
Sweep test of existing antenna	Component Description:
	25% "deposit" payment for repack sweep. Explanation of variance form and supporting documentation attached. This invoice has been paid.
	Amount:
	\$1,600.00
	Component Description:
	65% "prior to shipment" payment for repack sweep. Explanation of variance form and supporting documentation attached. This invoice has been paid.
	Amount:
	\$4,160.00
UHF - Lower Power Side Mount, One Station antenna . medium power (50-200 kW), elliptically or circularly polarized	

Component Description:	10% "after repack sweep" for primary main antenna. Explanation of variance and supporting documentation is attached. This invoice has been paid.
Amount:	\$12,610.20

Component Description:	10% "after repack sweep" for antenna mounting brackets. Explanation of variance and supporting documentation is attached. This invoice has been paid.
Amount:	\$1,642.50

Component Description:	25% "deposit" payment for primary antenna. Explanation of variance form and supporting documentation attached. This invoice has been paid.
Amount:	\$31,525.50

	<table> <tr> <td data-bbox="710 98 1109 750"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1109 98 1428 750"> <p>25% "deposit" payment for primary antenna side mount brackets. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> <p>\$4,106.25</p> </td></tr> <tr> <td data-bbox="710 750 1109 1400"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1109 750 1428 1400"> <p>65% "prior to shipment" payment for primary antenna side mount brackets. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> <p>\$10,676.25</p> </td></tr> <tr> <td data-bbox="710 1400 1109 1921"> <p>Component Description:</p> <p>Amount:</p> </td><td data-bbox="1109 1400 1428 1921"> <p>65% "prior to shipment" payment for primary antenna. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> <p>\$81,966.30</p> </td></tr> </table>	<p>Component Description:</p> <p>Amount:</p>	<p>25% "deposit" payment for primary antenna side mount brackets. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> <p>\$4,106.25</p>	<p>Component Description:</p> <p>Amount:</p>	<p>65% "prior to shipment" payment for primary antenna side mount brackets. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> <p>\$10,676.25</p>	<p>Component Description:</p> <p>Amount:</p>	<p>65% "prior to shipment" payment for primary antenna. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> <p>\$81,966.30</p>
<p>Component Description:</p> <p>Amount:</p>	<p>25% "deposit" payment for primary antenna side mount brackets. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> <p>\$4,106.25</p>						
<p>Component Description:</p> <p>Amount:</p>	<p>65% "prior to shipment" payment for primary antenna side mount brackets. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> <p>\$10,676.25</p>						
<p>Component Description:</p> <p>Amount:</p>	<p>65% "prior to shipment" payment for primary antenna. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> <p>\$81,966.30</p>						
<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>							

Component Description:	Cost of additional elbow components. Supporting documentation is attached.
Amount:	\$1,334.50

Component Description:	10% "after repack sweep" for primary elbow complex. Explanation of variance and supporting documentation is attached. This invoice has been paid.
Amount:	\$1,029.80

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

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	\$457,360.00	\$453,488.81		\$242,240.10	
Rigid Transmission Line - copper, 6 1/8"	\$363,600.00	\$235,309.90	Cost of rigid transmission line. Please see attached Dielectric Quote #DMS039-2.	\$89,288.66	N/A
Sweep existing transmission line	<i>\$6,400.00</i>	\$6,400.00	N/A	N/A	N/A
Rigid Transmission Line - copper, 3 1/8"	\$87,360.00	\$211,778.91	***System Notice: Estimate adjusted and locked because line has been superseded. ***Cost for Rigid Transmission Line. Please see Dielectric Quote #DMS039-2.	\$152,951.44	N/A
Sub-total	\$457,360.00	\$453,488.81	N/A	\$242,240.10	N/A
Total for all systems	\$2,550,168.00	\$1,897,469.31	N/A	\$1,160,901.59	N/A

Components

Actual Information**Description****File Name**

Rigid Transmission Line -
copper, 6 1/8"

Component Description:

Cost of additional
transmission line
cut pieces.
Supporting
documentation is
attached.

Amount:

\$7,347.40

Component Description:

10% "after repack
sweep" for two
transmission line
cut pieces.
Supporting
documentation is
attached.

Amount:

\$417.20

Component Description:

10% "after repack
sweep" for primary
transmission line.
Explanation of
variance and
supporting
documentation is
attached. This
invoice has been
paid.

Amount:

\$22,487.99

Component Description:

10% "after repack
sweep" for
transmission line
cut piece.
Supporting
documentation is
attached.

Amount:

\$208.60

	<p>Component Description:</p> <p>25% "deposit" payment for primary transmission line and transmission line cut pieces. Explanation of variance form and supporting documentation attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$58,827.47</p>
Sweep existing transmission line	Information not provided.

Rigid Transmission Line -
copper, 3 1/8"

Component Description:

65% "prior to shipment" payment for primary transmission line and transmission line cut pieces. Explanation of variance form and supporting documentation attached. This invoice has been paid.

Amount:

\$152,951.44

Component Description:

25% "deposit" payment for primary transmission line and transmission line cut pieces. Explanation of variance form and supporting documentation attached. This invoice has been paid.

Amount:

\$58,827.47

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	\$631,500.00	\$190,000.00		\$20,000.00	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$170,000.00	N/A	N/A	N/A
Tall Tower (greater than 500')	\$210,500.00	\$20,000.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***See AT Exhibits for more information.	\$20,000.00	N/A
Primary Tower TOWER	\$394,510.00	\$403,420.00		\$386,710.00	
Minor tower reinforcement /modifications	\$158,000.00	\$67,410.00	Please see attached Worldwide Communications Quote #S-19-961. Sales tax in the amount of \$4,410 has been added to cost estimate.	\$67,410.00	N/A

Tall Tower (greater than 500')	\$210,500.00	\$310,300.00	Cost of tower services. Please see attached Worldwide Communications Quote #S-19- 939. Estimate does not include \$20,000 deposit that was submitted and approved on the other tower's cost element. Sales tax of \$20,300 has been added to estimate.	\$310,300.00	N/A
Structural engineering tower load study for well documented tower	\$12,600.00	\$12,300.00	N/A	\$9,000.00	N/A
Structural analysis	\$13,410.00	\$13,410.00	N/A	N/A	N/A
Sub-total	\$1,026,010.00	\$593,420.00	N/A	\$406,710.00	N/A
Total for all systems	\$2,550,168.00	\$1,897,469.31	N/A	\$1,160,901.59	N/A

Components

Actual Information	
Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	Information not provided.

Tall Tower (greater than 500')	<table><tr><td data-bbox="694 91 1109 784">Component Description:</td><td data-bbox="1109 91 1431 784">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. This invoice has been paid.</td></tr><tr><td data-bbox="694 784 1109 902">Amount:</td><td data-bbox="1109 784 1431 902">\$20,000.00</td></tr></table>	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. This invoice has been paid.	Amount:	\$20,000.00
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. This invoice has been paid.				
Amount:	\$20,000.00				

Minor tower reinforcement
/modifications

Component Description:

Sales tax invoice
for custom built
brackets for tower
reinforcement.
Supporting
documentation is
attached.

Amount:

\$4,410.00

Component Description:

Balance due
payment to supply
180 custom built
brackets for tower
reinforcement.
Supporting
documentation is
attached.

Amount:

\$15,750.00

Component Description:

75% deposit to
supply 180 custom
built brackets for
tower
reinforcement.
Supporting
documentation is
attached.

Amount:

\$47,250.00

Tall Tower (greater than 500')	<div data-bbox="710 168 1356 481"> <p>Component Description: 75% "deposit" for tower services. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$217,500.00</p> </div> <div data-bbox="710 582 1356 828"> <p>Component Description: Balance due for tower services. Supporting documentation is attached.</p> <p>Amount: \$92,800.00</p> </div>
Structural engineering tower load study for well documented tower	<div data-bbox="710 952 1356 1198"> <p>Component Description: Cost of applied load analysis. Supporting documentation is attached.</p> <p>Amount: \$4,000.00</p> </div> <div data-bbox="710 1299 1356 1612"> <p>Component Description: Cost to receive a site plan and plotted map of the property. Supporting documentation is attached.</p> <p>Amount: \$5,000.00</p> </div>
Structural analysis	Information not provided.

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		\$6,367.99	
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
Project management of the transition	\$28,440.00	\$18,530.00	See AT Exhibits for more information.	N/A	N/A
Prepare and or review reimbursement form	\$2,630.00	\$2,500.00	N/A	N/A	N/A

Address transition timing and coordination issues w/ other stations and wireless	\$2,630.00	\$2,500.00	N/A	N/A	N/A
Perform engineering study for new channel assignment and antenna development	\$7,360.00	\$7,000.00	N/A	\$62.50	N/A
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	\$3,155.00	\$3,000.00	N/A	\$1,562.50	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
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Sub-total	\$189,650.00	\$171,280.00	N/A	\$6,367.99	N/A
Total for all systems	\$2,550,168.00	\$1,897,469.31	N/A	\$1,160,901.59	N/A

Components

Actual Information	
Description	File Name
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 1380 683"> <p>Invoice for WGPX'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="710 694 821 739">Amount:</td><td data-bbox="1149 694 1268 739">\$4,742.99</td></tr> <tr> <td data-bbox="710 828 1013 873">Component Description:</td><td data-bbox="1149 828 1380 1377"> <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="710 1388 821 1433">Amount:</td><td data-bbox="1149 1388 1268 1433">\$4,837.97</td></tr> </table>	Component Description:	<p>Invoice for WGPX'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 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 WGPX'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 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>	<p>Information not provided.</p>								
<p>Project management of the transition</p>	<p>Information not provided.</p>								
<p>Prepare and or review reimbursement form</p>	<p>Information not provided.</p>								
<p>Address transition timing and coordination issues w/ other stations and wireless</p>	<p>Information not provided.</p>								

Perform engineering study for new channel assignment and antenna development	<p>Component Description:</p> <p>Cost of RF consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$62.50</p>
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<p>Component Description:</p> <p>Cost of RF consultant preparation of engineering part of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid.</p> <p>Amount:</p> <p>\$1,562.50</p>
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
RF Exposure Measurements	Information not provided.

Cost
Information

Other Expenses

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Other Expenses	\$94,688.84	\$86,083.84		\$16,498.84	
MVPD Notification of Channel Change	\$1,200.00	\$1,200.00	N/A	\$1,200.00	N/A
Develop and air announcement of upcoming channel change	\$0.00	\$0.00	The amount is yet to be determined (TBD) and ION will submit on-air announcement costs when finalized.	N/A	N/A
Equipment Storage	\$10,000.00	\$10,000.00	N/A	\$0.00	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Non-zoning permits	\$15,000.00	\$15,000.00	N/A	N/A	N/A
Local Zoning	\$25,000.00	\$25,000.00	N/A	N/A	N/A
FCC Filing Fees - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A

FCC Filing Fees - Form 2100 license to cover application	\$335.00	\$325.00	N/A	N/A	N/A
FCC Filing Fees - Form 2100 minor change CP application	\$1,110.00	\$1,070.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	\$15,298.84	\$15,298.84	Please see Dielectric invoice #581014, #573013, #585026, and #592024.	\$15,298.84	N/A
DTV Medical Facility Notification	\$11,550.00	\$3,000.00	N/A	N/A	N/A
Sub-total	\$94,688.84	\$86,083.84	N/A	\$16,498.84	N/A
Total for all systems	\$2,550,168.00	\$1,897,469.31	N/A	\$1,160,901.59	N/A

Components

Actual Information	
Description	File Name
MVPD Notification of Channel Change	<p>Component Description: Cost of MVPD Notification of Channel Change. Supporting documentation is attached. This invoice has been paid.</p> <p>Amount: \$1,200.00</p>
Develop and air announcement of upcoming channel change	Information not provided.

Equipment Storage	Information not provided.								
Disposal Costs (for equipment and other waste, net of any salvage value)	Information not provided.								
Non-zoning permits	Information not provided.								
Local Zoning	Information not provided.								
FCC Filing Fees - Special Temporary Authorization request	Information not provided.								
FCC Filing Fees - Form 2100 license to cover application	Information not provided.								
FCC Filing Fees - Form 2100 minor change CP application	Information not provided.								
Equipment Delivery and Handling Charges	<table> <tr> <td>Component Description:</td><td>Cost of freight associated with main antenna package. Supporting documentation and cover letter for expedited freight is attached. This invoice has been paid.</td></tr> <tr> <td>Amount:</td><td>\$2,915.12</td></tr> <tr> <td>Component Description:</td><td>Cost of freight for main antenna package. Supporting documentation and cover letter for expedited freight is attached. This invoice has been paid.</td></tr> <tr> <td>Amount:</td><td>\$954.59</td></tr> </table>	Component Description:	Cost of freight associated with main antenna package. Supporting documentation and cover letter for expedited freight is attached. This invoice has been paid.	Amount:	\$2,915.12	Component Description:	Cost of freight for main antenna package. Supporting documentation and cover letter for expedited freight is attached. This invoice has been paid.	Amount:	\$954.59
Component Description:	Cost of freight associated with main antenna package. Supporting documentation and cover letter for expedited freight is attached. This invoice has been paid.								
Amount:	\$2,915.12								
Component Description:	Cost of freight for main antenna package. Supporting documentation and cover letter for expedited freight is attached. This invoice has been paid.								
Amount:	\$954.59								

	<div data-bbox="710 159 1364 387"> <p>Component Description: Freight associated with main antenna package. Supporting documentation is attached.</p> <p>Amount: \$9,315.00</p> </div> <div data-bbox="710 539 1364 1003"> <p>Component Description: Cost of freight associated with main antenna package. Supporting documentation and cover letter for expedited freight is attached. This invoice has been paid.</p> <p>Amount: \$2,114.13</p> </div>
DTV Medical Facility Notification	Information not provided.

Cost Information	Grand Total		
		Predetermined Cost Estimate	Estimated Cost
			Actual Cost
	Total for all systems	\$2,550,168.00	\$1,897,469.31
			\$1,160,901.59

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>10/30/2019</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>Mario Vasquez <i>Vice President - Finance, Operations</i></p> <p>10/30/2019</p>

Attachments