



(REFERENCE COPY - Not for submission)

# FCC Form 399: Reimbursement Request

Facility **37971** | Service: **DTV** | Call **WPXU-TV** | Channel: **16 (UHF)** |  
ID: | Sign:  
File **0000028439**  
Number:  
FRN: **0001808468** | Date **07/17**  
Submitted: **/2019**

## Applicant Information

### Applicant Name, Type, and Contact Information

Applicant	Address	Phone	Email	Applicant Type
<b>ION MEDIA JACKSONVILLE LICENSE, INC.</b> Doing Business As: ION MEDIA JACKSONVILLE 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 #1007163 to ASR #1006934. Replace non-retunable transmitter, install top mounted antenna and transmission line to operate on post-repack channel.

**Transmitters**

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

**Primary  
Transmitter**

**Existing Transmitter Information**

Section	Question	Response
<b>Existing Transmitter Description</b>	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
<b>Existing Transmitter Manufacturer and Type</b>	Manufacturer	
	Model	DCX
	Year	2002
	Type	Inductive Output Tube
	IOT Power Type	Single
	Power Capacity	23.5 kW

**Primary  
Transmitter**

**New Transmitter Costs**

Section	Question	Response
New Transmitter	Use	Primary (Main)
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Manufacturer	
	Model	HPTV-PRLX-U12
	Transmitter Type	Solid State
	Solid State Cooling	Liquid Cooled
	Solid State Power capacity	20 kW
	Justification for New Transmitter	ION is requesting a liquid cooled transmitter as the current IOT transmitter is liquid cooled. See attached Transmitter Exhibits. See attached Transmitter Upgrade Disclaimer.

**Primary  
Transmitter**

**Other Transmitter Costs**

Section	Question	Response
Electrical Service	Service Entrance (3 phases 800A 208V)	No

	Switchgear (industrial 800 amp)	No
	Transformer (480V)	Yes
	Power	150 kVA
	Rigid Conduit and Wiring	No
	Size	N/A
	Length	N/A
	Other Electrical Service	No
	Description	N/A
<b>HVAC Service</b>	Does the replacement transmitter require HVAC Service?	Yes
	Type	Cooling Only
	Size	5 tons
	Other Size	N/A
<b>Transmitter Building Addition/Modification or Leasehold Improvement</b>	Does the Transmitter Building require an addition, modification, other leasehold improvement?	No
	Size	N/A
<b>Channel 14 Costs</b>	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
<b>Removal of Existing Equipment</b>	Removal of existing transmitters and equipment / Site Prep
<b>RF interconnect</b>	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
<b>Existing Antenna Description</b>	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
<b>Existing Antenna Manufacturer and Type</b>	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) .....	600.0 kW

Manufacturer	
Model	TFU-30 DSC-R CT 160
Year	2002



Primary  
Antenna

New Antenna Costs

Section	Question	Response
New Antenna Description	Use	Primary (Main)
	Description of Use	N/A
	Change Type	Purchase New
	Is this a request for upgraded equipment?	Yes
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
New Antenna Manufacturer and Types	Class	Full Power
	Mounting	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) .....	401.0 kW
	Manufacturer	

Model	TFU-26DSC /VP-R CT160
Year	2017
Justification for New Antenna	Current slot antenna cannot be re-channelled

## Primary Antenna

### Other Antenna Costs

Section	Question	Response
<b>Combiner for Shared Antenna</b>	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
<b>Elbow Complex</b>	Do you require the separate purchase of the Elbow Complex?	Yes
	Broadband or Single Channel?	Single Channel
	Feed Line Size	4 1/16 inches inches
<b>Side Mount Brackets</b>	Do you require the separate purchase of side mount brackets for a high power antenna?	Yes
<b>Pattern Scatter Analysis</b>	Do you require separate purchase of pattern scatter analysis for a side mount high or medium power antenna?	Yes
<b>Sweep Test</b>	Do you require the sweep testing of transmission line and antenna?	Yes

**Primary  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Interim  
Antenna**

**New Antenna Costs**

Section	Question	Response
<b>New Antenna Description</b>	Use	Interim
	Description of Use	N/A
	Change Type	Purchase New
	Ownership	Owned
	Owner	N/A
	Is antenna shared?	No
	Is antenna directional?	Yes
	Will antenna be located on or in close proximity to an antenna farm?	No
<b>New Antenna Manufacturer and Type</b>	Class	Full Power
	Mounting	Side Mount
	Antenna position in stack	Not in Stack
	Polarization	Horizontal
	Type	Broadband Slot
	Number of Stations Supported	1
	Number of Panels/Bays	8
	Lower Limit	470.00 MHz
	Upper Limit	698.00 MHz
	Design power capacity in use	25.0 %
	Other Antenna Type	N/A
	ERP: (Effective Radiated Power) .....	65.0 kW
	Manufacturer	
	Model	TFU-WB-8
	Year	2017

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

**Other Antenna Costs**

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

**Interim  
Antenna**

**Other Antenna Cost Not Listed**

Information not provided.

**Transmission Line**

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

**Primary**  
**Transmission Line**

**Existing Transmission Line**

Section	Question	Response
<b>Existing Transmission Line Description</b>	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
<b>Existing Transmission Line Manufacturer and Type</b>	Manufacturer	
	Type	Rigid
	Diameter	4 1/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	770 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	4 1/16 inches
	Other Diameter	N/A
	Segment Length	19 1/2 inches
	Other Segment Length	N/A
	Number of parallel runs	1
	Length	700 feet per run
	Justification for New Transmission Line	See attached Transmission Line Exhibit

Primary  
Transmission Line

Other Transmission Line Expenses Not Listed

Name	Description
Sweep existing transmission line	Sweep existing transmission line



**Tower  
Equipment  
And  
Rigging  
Costs**

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

**Primary  
Tower**

**Add Tower**

Section	Question	Response
Existing Tower Description	Type of change	Modify Existing
	Tower Use	Primary (Main)
	Description of Use	N/A
	Ownership	Leased
	Is this tower consider Complex?	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	1006934
Coordinates (NAD83 (North American Datum of 1983))	Latitude (NAD83)	34° 29' 42.0" N-
	Longitude (NAD83)	077° 29' 18.0" W-
	Overall Structure Height	1012.78 feet
	Support Structure Height	1010.49 feet
	Ground Elevation Above Mean Sea Level (AMSL)	29.53 feet

Structure Type	TOWER - Free Standing or Guyed Structure
Tower Owner	Sunrise Broadcasting, LLC
Date Constructed	01/01/1986

**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
28171	WQSL	FM
28172	WXQR-FM	FM
47884	WRMR	FM

## 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:	No reinforcements needed

## Primary Tower

### Tower Rigging Costs

Section	Question	Response
Tower Rigging Costs	Complex Tower	N/A

<b>Helicopter Services Required</b>	Are helicopter services required?	No
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**Primary  
Tower**

**Other Tower Expenses Not Listed**

<b>Name</b>	<b>Description</b>
<b>Structural analysis</b>	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	1007163
Coordinates (NAD83 ( North American Datum of 1983))	Latitude (NAD83)	34° 31' 11.0" N-
	Longitude (NAD83)	077° 26' 51.0" W-
	Overall Structure Height	799.86 feet
	Support Structure Height	796.58 feet
	Ground Elevation Above Mean Sea Level (AMSL)	28.87 feet
	Structure Type	TOWER - Free Standing or Guyed Structure

	Tower Owner	K2 Towers, LLC
	Date Constructed	05/19/1995

**Primary  
Tower**

**Tower Rigging Costs**

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

**Primary  
Tower**

**Other Tower Expenses Not Listed**

Name	Description
Interim antenna installation	Install interim antenna to operate on current channel. Remove interim antenna after commencement of operations on new main antenna.
Structural Study	Structural analysis required after tower mapping completed

**Outside  
Professional Services Costs**

Section	Question	Response
<b>Outside Project Management Services</b>	Do you require outside project management services?	No
	Number of Hours	N/A
	Explanation	N/A
<b>Outside RF consulting Engineering Services</b>	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
<b>Attorney and Other Outside Consulting Services</b>	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
<b>RF Field Engineering Services</b>	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**

If wireless is not provided.

## Other Expenses

Section	Question	Response
<b>AM Pattern Disturbance</b>	Is an Impact Study needed?	No
	Is Remediation needed?	No
<b>Facility Expenses</b>	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
<b>Permit and Filing Costs</b>	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
<b>Other Miscellaneous Expenses</b>	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



<b>Other Expenses</b>	<b>Other Expenses Not Listed</b>
	Information not provided.

Cost  
Information

Transmitters

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

Description	Predetermined Cost Estimate	Estimated Cost	Estimated Cost Justification	Actual Cost	Actual Cost Justification
Primary Transmitter HPTV-PRLX-U12	\$781,879.82	\$600,721.82		\$425,453.42	
UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	\$684,000.00	\$505,092.00	See attached Hitachi Comark Quote P3466PRLXU12-031318-R1 and Hitachi Comark Quote #P#3466PRLXU12-031318-R2 Change Order.	\$398,373.60	N/A
Transformer 3 phase /480v - 150 KVA	\$25,550.00	\$24,300.00	N/A	N/A	N/A
5 Ton system	\$20,250.00	\$19,250.00	See attached HVAC Exhibit.	N/A	N/A
Removal of Existing Equipment	\$27,079.82	\$27,079.82	Please see attached Skyline Communications Quote #98921233.	\$27,079.82	N/A
RF interconnect	\$25,000.00	\$25,000.00	N/A	N/A	N/A
Sub-total	\$781,879.82	\$600,721.82	N/A	\$425,453.42	N/A
Total for all systems	\$2,689,179.82	\$1,865,248.86	N/A	\$1,071,215.65	N/A

Components

Actual Information Description	File Name
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UHF - Liquid Cooled Solid State Transmitter 14.2 - 20 kW	<div> <b>Component Description:</b> 30% "deposit due with order" and 50% "due within 60 days of order" for additional components for transmitter. Supporting documentation is attached. </div> <div> <b>Amount:</b> \$16,485.60 </div>
	<div> <b>Component Description:</b> 50% "progress" payment on Comark transmitter. Supporting documentation attached. </div> <div> <b>Amount:</b> \$238,680.00 </div>
	<div> <b>Component Description:</b> 30% "deposit" payment for Comark Transmitter. Supporting documentation attached. </div> <div> <b>Amount:</b> \$143,208.00 </div>
Transformer 3 phase/480v - 150 KVA	Information not provided.
5 Ton system	Information not provided.

Removal of Existing Equipment	<div> <div> <b>Component Description:</b> </div> <div> Cost of deinstallation of transmitter and related components. Supporting documentation is attached. </div> </div> <div> <b>Amount:</b> </div> <div> \$27,079.82 </div>
RF interconnect	Information not provided.

## 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
<b>Interim Antenna TFU-WB-8</b>	<b>\$105,700.00</b>	<b>\$83,593.00</b>		<b>\$0.00</b>	
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	\$89,400.00	\$70,000.00	The estimated cost has been re-entered due to a technical error with the LMS form. Per FCC procedure, we have re-entered the original cost estimate that ties to our original submission while the technical issue is resolved.	N/A	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	N/A	N/A

Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$7,193.00	N/A	N/A	N/A
<b>Primary Antenna TFU-26DSC /VP-R CT160</b>	<b>\$284,010.00</b>	<b>\$242,939.50</b>		<b>\$183,966.30</b>	
UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized	\$227,000.00	\$194,235.00	The estimated cost has been re-entered due to a technical error with the LMS form. Per FCC procedure, we have re-entered the original cost estimate that ties to our original submission while the technical issue is resolved.	\$176,716.80	N/A
Sweep test of existing antenna	\$6,730.00	\$6,400.00	N/A	\$0.00	N/A

Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	\$9,570.00	\$8,055.00	Please see Dielectric Quote #DMS046-1	\$7,249.50	N/A
Side mount brackets for high power antennas (if not included in antenna base cost)	\$23,150.00	\$22,000.00	N/A	N/A	N/A
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
Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)	\$12,300.00	\$7,249.50	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$0.00	N/A
<b>Sub-total</b>	\$389,710.00	\$326,532.50	N/A	\$183,966.30	N/A
<b>Total for all systems</b>	\$2,689,179.82	\$1,865,248.86	N/A	\$1,071,215.65	N/A

## Components

Actual Information	
Description	File Name
UHF - Lower Power Side Mount, One station antenna - medium power (50-200 kW), horizontally polarized	Information not provided.
Sweep test of existing antenna	Information not provided.
Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)	Information not provided.



<p>UHF - Lower Power Side Mount, One station antenna -- 200-500 kW, elliptically or circularly polarized</p>	<table> <tr> <td data-bbox="708 174 1018 210"><b>Component Description:</b></td><td data-bbox="1150 174 1366 483">65% "prior to ship" for primary antenna. Supporting documentation attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 499 818 526"><b>Amount:</b></td><td data-bbox="1150 499 1297 526">\$113,491.30</td></tr> <tr> <td data-bbox="708 636 1018 672"><b>Component Description:</b></td><td data-bbox="1150 636 1353 985">25% "deposit" for primary antenna side mount brackets. Supporting documentation attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 996 818 1023"><b>Amount:</b></td><td data-bbox="1150 996 1268 1023">\$5,437.50</td></tr> <tr> <td data-bbox="708 1133 1018 1169"><b>Component Description:</b></td><td data-bbox="1150 1133 1353 1402">25% "deposit" for primary antenna. Supporting documentation attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 1413 818 1440"><b>Amount:</b></td><td data-bbox="1150 1413 1283 1440">\$43,650.50</td></tr> <tr> <td data-bbox="708 1550 1018 1585"><b>Component Description:</b></td><td data-bbox="1150 1550 1366 1899">65% "prior to ship" for primary antenna side mount brackets. Supporting documentation attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="708 1910 818 1937"><b>Amount:</b></td><td data-bbox="1150 1910 1283 1937">\$14,137.50</td></tr> </table>	<b>Component Description:</b>	65% "prior to ship" for primary antenna. Supporting documentation attached. This invoice has been paid.	<b>Amount:</b>	\$113,491.30	<b>Component Description:</b>	25% "deposit" for primary antenna side mount brackets. Supporting documentation attached. This invoice has been paid.	<b>Amount:</b>	\$5,437.50	<b>Component Description:</b>	25% "deposit" for primary antenna. Supporting documentation attached. This invoice has been paid.	<b>Amount:</b>	\$43,650.50	<b>Component Description:</b>	65% "prior to ship" for primary antenna side mount brackets. Supporting documentation attached. This invoice has been paid.	<b>Amount:</b>	\$14,137.50
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<b>Amount:</b>	\$43,650.50																
<b>Component Description:</b>	65% "prior to ship" for primary antenna side mount brackets. Supporting documentation attached. This invoice has been paid.																
<b>Amount:</b>	\$14,137.50																
<p>Sweep test of existing antenna</p>	<p>Information not provided.</p>																

<p>Elbow complex, single channel, at antenna input, per 4 1/16. feedline (if needed)</p>	<table> <tr> <td data-bbox="710 168 1013 212"><b>Component Description:</b></td><td data-bbox="1149 168 1356 481">25% "deposit" for primary elbow complex. Supporting documentation attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="710 492 821 537"><b>Amount:</b></td><td data-bbox="1149 492 1268 537">\$2,013.75</td></tr> <tr> <td data-bbox="710 627 1013 672"><b>Component Description:</b></td><td data-bbox="1149 627 1364 940">65% "prior to ship" for primary elbow complex. Supporting documentation attached. This invoice has been paid.</td></tr> <tr> <td data-bbox="710 952 821 996"><b>Amount:</b></td><td data-bbox="1149 952 1268 996">\$5,235.75</td></tr> </table>	<b>Component Description:</b>	25% "deposit" for primary elbow complex. Supporting documentation attached. This invoice has been paid.	<b>Amount:</b>	\$2,013.75	<b>Component Description:</b>	65% "prior to ship" for primary elbow complex. Supporting documentation attached. This invoice has been paid.	<b>Amount:</b>	\$5,235.75
<b>Component Description:</b>	25% "deposit" for primary elbow complex. Supporting documentation attached. This invoice has been paid.								
<b>Amount:</b>	\$2,013.75								
<b>Component Description:</b>	65% "prior to ship" for primary elbow complex. Supporting documentation attached. This invoice has been paid.								
<b>Amount:</b>	\$5,235.75								
<p>Side mount brackets for high power antennas (if not included in antenna base cost)</p>	<p>Information not provided.</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>								

<p>Elbow complex, single channel, at antenna input, per 6 1/8. feedline (if needed)</p>	<table> <tr> <td data-bbox="715 100 1114 481"> <p><b>Component Description:</b></p> </td><td data-bbox="1153 100 1412 481"> <p>65% "prior to ship" for primary elbow complex. Supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="715 481 1114 548"> <p><b>Amount:</b></p> </td><td data-bbox="1153 481 1412 548"> <p>\$5,235.75</p> </td></tr> <tr> <td data-bbox="715 548 1114 929"> <p><b>Component Description:</b></p> </td><td data-bbox="1153 548 1412 929"> <p>25% "deposit" for primary elbow complex. Supporting documentation attached. This invoice has been paid.</p> </td></tr> <tr> <td data-bbox="715 929 1114 1030"> <p><b>Amount:</b></p> </td><td data-bbox="1153 929 1412 1030"> <p>\$2,013.75</p> </td></tr> </table>	<p><b>Component Description:</b></p>	<p>65% "prior to ship" for primary elbow complex. Supporting documentation attached. This invoice has been paid.</p>	<p><b>Amount:</b></p>	<p>\$5,235.75</p>	<p><b>Component Description:</b></p>	<p>25% "deposit" for primary elbow complex. Supporting documentation attached. This invoice has been paid.</p>	<p><b>Amount:</b></p>	<p>\$2,013.75</p>
<p><b>Component Description:</b></p>	<p>65% "prior to ship" for primary elbow complex. Supporting documentation attached. This invoice has been paid.</p>								
<p><b>Amount:</b></p>	<p>\$5,235.75</p>								
<p><b>Component Description:</b></p>	<p>25% "deposit" for primary elbow complex. Supporting documentation attached. This invoice has been paid.</p>								
<p><b>Amount:</b></p>	<p>\$2,013.75</p>								

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	\$247,200.00	\$147,829.54		\$72,752.94	
Rigid Transmission Line - copper, 4 1/16"	\$99,400.00	\$74,436.60	Cost of transmission line. Please see Dielectric Quote DMS046-1.	\$66,992.94	N/A
Sweep existing transmission line	\$6,400.00	\$6,400.00	N/A	\$5,760.00	N/A
Rigid Transmission Line - copper, 6 1/8"	\$141,400.00	\$66,992.94	***System Notice: Estimate adjusted and locked because line has been superseded.***	\$0.00	N/A
Sub-total	\$247,200.00	\$147,829.54	N/A	\$72,752.94	N/A
Total for all systems	\$2,689,179.82	\$1,865,248.86	N/A	\$1,071,215.65	N/A

Components

Actual Information Description	File Name
--------------------------------	-----------

Rigid Transmission Line -  
copper, 4 1/16"

**Component Description:**

25% "deposit" for  
primary  
transmission line.  
Supporting  
documentation  
attached. / 25%  
"deposit" for  
primary  
transmission lines  
additional cut  
pieces. Supporting  
documentation  
attached. This  
invoice has been  
paid.

**Amount:**

\$18,609.15

**Component Description:**

65% "prior to ship"  
for primary  
transmission line.  
Supporting  
documentation  
attached. / 65%  
"prior to ship" for  
primary  
transmission lines  
additional cut  
pieces. Supporting  
documentation  
attached. This  
invoice has been  
paid.

**Amount:**

\$48,383.79

Sweep existing transmission line		
	<b>Component Description:</b>	25% "deposit" for repack sweep of primary antenna operations. Supporting documentation attached. This invoice has been paid.
	<b>Amount:</b>	\$1,600.00
	<b>Component Description:</b>	65% "prior to ship" for repack sweep of primary antenna operations. Supporting documentation attached. This invoice has been paid.
	<b>Amount:</b>	\$4,160.00

Rigid Transmission Line -  
copper, 6 1/8"

**Component Description:**

25% "deposit" for  
primary  
transmission line.  
Supporting  
documentation  
attached. / 25%  
"deposit" for  
primary  
transmission lines  
additional cut  
pieces. Supporting  
documentation  
attached. This  
invoice has been  
paid.

**Amount:**

\$18,609.15

**Component Description:**

65% "prior to ship"  
for primary  
transmission line.  
Supporting  
documentation  
attached. / 65%  
"prior to ship" for  
primary  
transmission lines  
additional cut  
pieces. Supporting  
documentation  
attached. This  
invoice has been  
paid.

**Amount:**

\$48,383.79

## 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
<b>Primary Tower TOWER</b>	<b>\$779,800.00</b>	<b>\$310,500.00</b>		<b>\$195,500.00</b>	
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	\$421,000.00	\$160,000.00	Cost for removal of old antenna and transmission lines off of old tower. Please see attached Worldwide Communications Quote #S-19-934. Estimate does not include \$20,000 deposit to Worldwide that was submitted and approved on a different cost element.	\$160,000.00	N/
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$8,500.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$8,500.00	N/
Tall Tower (greater than 500')	\$210,500.00	\$20,000.00	***System Notice: Estimate adjusted and locked because line has been superseded. ***	\$20,000.00	N/



Structural Study	<b>\$12,000.00</b>	\$12,000.00	N/A	\$7,000.00	N/
Interim antenna installation	<b>\$110,000.00</b>	\$110,000.00	N/A	N/A	N/
<b>Primary Tower TOWER</b>	<b>\$241,800.00</b>	<b>\$248,900.00</b>		<b>\$187,175.00</b>	
Tall Tower (greater than 500')	\$210,500.00	\$238,900.00	Cost of tower services. Please see attached CSS Quote #QUIONTV041819 and Worldwide Communications Quote #S-19-934-A.	\$182,175.00	N/
Structural analysis	<b>\$5,000.00</b>	\$5,000.00	Cost of tower structural study or modification design. Please see Sunrise Broadcasting Quote dated 11-30-2018 attached.	\$5,000.00	N/
Tower mapping for an undocumented /poorly documented tower and preparation of documentation necessary for tower load study	\$26,300.00	\$5,000.00	N/A	N/A	N/
<b>Sub-total</b>	<b>\$1,021,600.00</b>	<b>\$559,400.00</b>	<b>N/A</b>	<b>\$382,675.00</b>	<b>N/</b>
<b>Total for all systems</b>	<b>\$2,689,179.82</b>	<b>\$1,865,248.86</b>	<b>N/A</b>	<b>\$1,071,215.65</b>	<b>N/</b>

## Components

Actual Information	
Description	File Name
Complex Tower (includes, for example, those with candelabras and/or stacked antennas)	<b>Component Description:</b> 75% "deposit" for tower services. Supporting documentation is attached. This invoice has been paid.
	<b>Amount:</b> \$120,000.00
	<b>Component Description:</b> Remaining balance due for tower services. Supporting documentation is attached. This invoice has been paid.
	<b>Amount:</b> \$40,000.00
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	<b>Component Description:</b> Cost of engineering consultants to visit the site and provide tower mapping. Supporting documentation attached. This invoice has been paid.
	<b>Amount:</b> \$8,500.00

Tall Tower (greater than 500')	<p><b>Component Description:</b></p> <p>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.</p> <p><b>Amount:</b></p> <p>\$20,000.00</p>
Structural Study	<p><b>Component Description:</b></p> <p>Cost of engineering consultants to prepare the tower structural analysis. Supporting documentation attached. This invoice has been paid.</p> <p><b>Amount:</b></p> <p>\$7,000.00</p>
Interim antenna installation	Information not provided.

Tall Tower (greater than 500')	<div> <b>Component Description:</b> <p>Cost of tower services (installation and line). Supporting documentation is attached. This invoice has been paid.</p> </div> <div> <b>Amount:</b> <p>\$12,000.00</p> </div>
	<div> <b>Component Description:</b> <p>75% "deposit" for tower services. Supporting documentation is attached.</p> </div> <div> <b>Amount:</b> <p>\$170,175.00</p> </div>
Structural analysis	<div> <b>Component Description:</b> <p>Cost for tower structural study or modification design. Supporting documentation is attached. This invoice has been paid.</p> </div> <div> <b>Amount:</b> <p>\$5,000.00</p> </div>
Tower mapping for an undocumented/poorly documented tower and preparation of documentation necessary for tower load study	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	\$161,210.00	\$152,750.00		\$6,367.99	
RF Exposure Measurements	\$21,050.00	\$20,000.00	N/A	N/A	N/A
Comprehensive coverage verification via field study, if needed	\$84,200.00	\$80,000.00	N/A	N/A	N/A
FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	\$2,105.00	\$2,000.00	N/A	N/A	N/A
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
Prepare request for Special Temporary Authorization	\$2,050.00	\$1,500.00	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
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 - 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 request for Special Temporary Authorization	\$3,680.00	\$3,500.00	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
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
ASR modification (prepare FCC Form 854)	\$2,105.00	\$2,000.00	N/A	N/A	N/A
<b>Sub-total</b>	\$161,210.00	\$152,750.00	N/A	\$6,367.99	N/A
<b>Total for all systems</b>	\$2,689,179.82	\$1,865,248.86	N/A	\$1,071,215.65	N/A

## Components

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

FAA consultant, including cost of preparing FAA Form 7460 (Notice of Proposed Construction), if needed for height increase	Information not provided.
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><b>Component Description:</b></div> <div>Cost of RF consultant work for new channel assignment and antenna development. Hourly supporting documentation attached. This invoice has been paid.</div> <div><b>Amount:</b></div> <div>\$62.50</div> </div>
Prepare engineering section of FCC Form 2100 (main), Construction Permit Application	<div> <div><b>Component Description:</b></div> <div>Cost of RF consultant preparation of engineering part of FCC Form 2100. Hourly supporting documentation attached. This invoice has been paid.</div> <div><b>Amount:</b></div> <div>\$1,562.50</div> </div>
Prepare engineering section of FCC Form 2100 (main), License to Cover Application	Information not provided.
Prepare request for Special Temporary Authorization	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"><b>Component Description:</b></td><td data-bbox="1149 168 1380 683"> <p>Invoice for WPXU'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"><b>Amount:</b></td><td data-bbox="1149 694 1268 739">\$4,742.99</td></tr> <tr> <td data-bbox="710 828 1013 873"><b>Component Description:</b></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"><b>Amount:</b></td><td data-bbox="1149 1388 1268 1433">\$4,837.97</td></tr> </table>	<b>Component Description:</b>	<p>Invoice for WPXU'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>	<b>Amount:</b>	\$4,742.99	<b>Component Description:</b>	<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>	<b>Amount:</b>	\$4,837.97
<b>Component Description:</b>	<p>Invoice for WPXU'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>								
<b>Amount:</b>	\$4,742.99								
<b>Component Description:</b>	<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>								
<b>Amount:</b>	\$4,837.97								
<p>Attorney Fees -Prepare and File FCC Form 2100 (main), License to Cover Application</p>	<p>Information not provided.</p>								
<p>Attorney Fees - Negotiation of lease and other matters for shared locations</p>	<p>Information not provided.</p>								
<p>Attorney Fees - Prepare and File request for Special Temporary Authorization</p>	<p>Information not provided.</p>								
<p>NEPA Section 106 environmental review, if needed</p>	<p>Information not provided.</p>								

Environmental Assessment, if triggered by NEPA Section 106 review or for certain structures over 450 feet	Information not provided.
ASR modification (prepare FCC Form 854)	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	\$87,580.00	\$78,015.00		\$0.00	
DTV Medical Facility Notification	\$11,550.00	\$2,000.00	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 - Special Temporary Authorization request	\$195.00	\$190.00	N/A	N/A	N/A
Local Zoning	<i>\$25,000.00</i>	\$25,000.00	N/A	N/A	N/A
Non-zoning permits	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Disposal Costs (for equipment and other waste, net of any salvage value)	<i>\$15,000.00</i>	\$15,000.00	N/A	N/A	N/A
Equipment Delivery and Handling Charges	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A
Equipment Storage	<i>\$10,000.00</i>	\$10,000.00	N/A	N/A	N/A

Develop and air announcement of upcoming channel change	<b>\$0.00</b>	\$0.00	The amount is yet to be determined (TBD) and ION will submit on-air announcement costs when finalized.	N/A	N/A
MVPD Notification of Channel Change	<b>\$500.00</b>	\$500.00	N/A	N/A	N/A
<b>Sub-total</b>	\$87,580.00	\$78,015.00	N/A	\$0.00	N/A
<b>Total for all systems</b>	\$2,689,179.82	\$1,865,248.86	N/A	\$1,071,215.65	N/A

## Components

Information not provided.

**Cost  
Information**

**Grand Total**

	Predetermined Cost Estimate	Estimated Cost	Actual Cost
Total for all systems	\$2,689,179.82	\$1,865,248.86	\$1,071,215.65

**Reimbursement Status**

Question	Response
The facility has ceased operating on its pre-auction channel.	No
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"> <li>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.</li> <li>2. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> <li>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.</li> </ol>	

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><b>Mario Vasquez</b>  <i>Vice President - Finance, Operations</i></p> <p>07/17/2019</p>



Certification	Section	Question	Response
	Submission of Actual Cost Documentation Statements	<p>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).</p>	
		<ol style="list-style-type: none"> <li>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.</li> <li>2. The above-named entity certifies that the statements in this form and attached documentation are true, complete, and correct.</li> <li>3. The above-named entity acknowledges that all certifications and attached documentation are considered material representations.</li> </ol>	

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><b>Mario Vasquez</b>  <i>Vice President - Finance, Operations</i></p> <p>07/17/2019</p>

## Attachments